Currículo Lattes

Maria Valnice Boldrin Zanoni

Researcher of Productivity at CNPq - Level 1B

Address to access this CV: **https://lattes.cnpq.br/1183672452248157**

Last updated 05/01/2025

Bachelor Degree in Chemistry from the University of São Paulo (1980), Master in Chemistry Institute of Chemistry, University of Sao Paulo, Sao Carlos (1985), Doctor of Science by the Institute of Chemistry, University of São Paulo (1989), Assitent professor in Analytical Chemistry at the Chemistry Institute, UNESP, Araraquara 1998 and Full Professor in Analytical Chemistry at the Chemistry Institute of Universidade Estadual Paulista Julio de Mesquita Filho. Has being working in the Department of Analytical Chemistry, Chemistry Institute, UNESP Araraquara since 1987. Held three stages of post-doctorals (Analytical Chemistry in the University of Loughborough, England in 1992-1994 (prof. AG Fogg), Electroanalytical at the University of Wisconsin, Madison, USA in 2002 (Prof. MA Anderson) and Analytical Chemistry, next to Oxford University in 2008 (Prof. R. Compton). She is currently advisor of the Pro-rector of Research development at UNESP. She was coordinator of Graduate Programm in Chemistry from 2004-2007 and coordinator of FAPESP thematic project in the area of #8203;#8203;analytical chemistry of dyes from 2009-2015. She has experience in analytical chemistry and acts primarily in the following research topics: development of electroanalytical and chromatographic methods for the analysis of dyes, drugs and molecules of environmental interest, methods of degradation using photoelectrocatalytic processes, electrochemical sensors and photoelectrocatalysis. **(Text informed by the author)**

Identification

Name Maria Valnice Boldrin Zanoni

Parental information João Boldrin and Tereza Rodrigues Boldrin

Birth information 02/12/1957 - Tupi Paulista/SP - Brazil

Lattes ID 1183672452248157

Orcid ID https://orcid.org/0000-0002-2296-1393

Name used in Bibliographic Citations ZANONI, M. V. B.;Zanoni, Maria Valnice B.;Zanoni, Maria Valnice Boldrin;Zanoni, M. Valnice B.;ZANONI, M;Zanoni, Maria V. B.;Maria Valnice Boldrin Zanoni;Boldrin Zanoni, Maria Valnice;Zanoni MV;Zanoni MVB;ZANONI, MARIA V B;ZANONI, MARIA V.B.;ZANONI, M.V.B.;ZANONI, MARIA VALNICE BOLDRIN;B. ZANONI, MARIA VALNICE;boldrin, MV;Boldrin, Maria Valnice;ZANONI, MARIA;ZANONI, MARIA V. BOLDRIN;VALNICE BOLDRIN ZANONI, MARIA;BOLDRIN ZANONI, MARIA V.;BOLDRIN ZANONI, MARÍA VALNICE;MVB boldrin zanoni;M.V.B. Boldrin Zanoni;BOLDRIN ZANONI, M.V.B.;MARIA VALNICE ZANONI;maria valnice zanoni;zanoni maria valnice;ZANONI, MARIA VALNICE;maria valnice boldrin zanoni;maria valnice boldrin

S, T & A Production

Bibliographic Production

Citations

Web of Science

Number of articles: 316 **Total of citations**: 10322 **Factor H**: 50

boldrin zanoni, maria valnice

SciELO

Number of articles: 8 **Total of citations**: 26

Zanoni MVB

SCOPUS

Number of articles: 317 **Total of citations**: 10818

indice h =54

Google Scholar

Number of articles: 317 **Total of citations**: 17073

https://scholar.google.com.br/citations?user=IdGc0TgAAAAJ&hl=pt-BR

Outras

Number of articles: 242 **Total of citations**: 16386

maria valnice boldrin zanoni ih =63

Articles Published in Scientific Journals

1. doi IRIKURA, KALLYNI; ROJAS-MANTILLA, HERNÁN DÁRIO; AYALA-DURÁN, SAIDY CRISTINA; SOUZA, JOÃO CARLOS DE; ROSSINI, EDUARDO LUIZ; SALAZAR-GONZÁLEZ, RICARDO; **Zanoni, Maria Valnice Boldrin**. Performance of Ti/TiO2-ZIF-67 photoanode under LED irradiation applied to the photoelectrodegradation of the antidepressant venlafaxine (VEN) in municipal wastewater effluent. JOURNAL OF ENVIRONMENTAL MANAGEMENT. JCR, v.373, p.123460, 2025.

2. doi GODOY PÉREZ, MARIEL; SILVA, CAIO C.G.; ESPINOZA, L. CAROLINA; **Boldrin Zanoni, Maria Valnice**; BOLLO DRAGNIC, SOLEDAD; SALAZAR-GONZÁLEZ, RICARDO. Assessment of Ti, Ir, Ta and Ru influence on mixed metal oxide electrodes for photoelectrochemical generation of persulfate: Impact on sulfamethoxazole degradation. CHEMOSPHERE. JCR, v.364, p.143049, 2024.

3. doi DE MOURA TORQUATO, LILIAN DANIELLE; LACALAMITA, DARIO; MATTEUCCI, ROSA MARIA; FRANCO, JEFFERSON HONORIO; LABARILE, ROSSELLA; PERROTTA, ALBERTO; TROTTA, MASSIMO; FARINOLA, GIANLUCA MARIA; **Boldrin Zanoni, Maria Valnice**; GRATTIERI, MATTEO; STUFANO, PAOLO. Bacterial-Polyhydroxybutyrate for Biocompatible Microbial Electrodes. JOURNAL OF THE ELECTROCHEMICAL SOCIETY. JCR, v.171, p.055502, 2024.

4. doi SANTACRUZ, WILLIAM; FARIA, JULIA; DE MELLO, RODRIGO; **Boldrin, Maria Valnice**; MOTHEO, ARTUR DE JESUS. Comparative study of MMO and BDD anodes for electrochemical degradation of diuron in methanol medium. CHEMOSPHERE. JCR, v.366, p.143517, 2024.

5. doi FARIA, JULIA; SANTACRUZ, WILLIAM; DE MELLO, RODRIGO; **Boldrin, Maria Valnice**; MOTHEO, ARTUR J.. Exploring electrochemical mechanisms for clindamycin degradation targeted at the efficient treatment of contaminated water. CHEMOSPHERE. JCR, v.366, p.143563, 2024.

6. doi ROMEIRO, FERNANDA DA COSTA; PERINI, JOÃO ANGELO LIMA; **Zanoni, Maria Valnice Boldrin**; ORLANDI, MARCELO ORNAGHI. g-C3N4/Sn3O4 photoanode for H2 production: A promising photoelectrocatalyst for renewable energy generation. JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY. JCR, v.450, p.115438, 2024. **Citações:** WEB OF SCIENCE 2 | SCOPUS 2

7. doi DOS SANTOS, CLÉCIA ANDRADE; PERINI, JOÃO ANGELO LIMA; IRIKURA, KALLYNI; ROMÃO, LUCIANE PIMENTA CRUZ; **ZANONI, MARIA V. BOLDRIN**. High efficiency of graphene/CoFe2O4 nanomaterial in the photocatalytic conversion of CO2 dissolved in water under solar irradiation simulator. JOURNAL OF MATERIALS SCIENCE. JCR, v.59, p.1364 - 1379, 2024. **Citações:** WEB OF SCIENCE 1 | SCOPUS 1

8. doi DE SOUZA, JOÃO CARLOS; SILVA, JOÃO PEDRO; **Zanoni, Maria Valnice Boldrin**; DE ANDRADE, ADALGISA RODRIGUES. High sensitive phosphorene and molecular imprinted polymers electrochemical sensor to determine benzene in oilfield-produced water. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING. JCR, v.12, p.111703, 2024. **Citações:** WEB OF SCIENCE 1

9. doi PERINI, JOÃO ANGELO LIMA; TORQUATO, LILIAN D. MOURA; BRITO, JULIANA F. DE; ANDOLPHO, GUSTAVO A.; GONÇALVES, MATEUS A.; DE ANGELIS, LEONARDO D.; GERMANO, LUCAS D.; CÓRDOBA DE TORRESI, SUSANA I.; RAMALHO, TEODORICO C.; **ZANONI, MARIA V. BOLDRIN**. Solar-driven CO2 conversion to methane and methanol using different nanostructured Cu2O-based catalysts modified with Au nanoparticles. Journal of Energy Chemistry. JCR, v.91, p.287 - 298, 2024. **Citações:** WEB OF SCIENCE 4 | SCOPUS 1

10. doi PASTRANA, ELIZABETH C.; VALDIVIA-ALVAREZ, DANIEL; RADENOVICH, ITALO ESPINOZA; GONZALES-LORENZO, CARLOS D.; WANG, DUNWEI; DE BRITO, JULIANA FERREIRA; **Zanoni, Maria Valnice Boldrin**; ALARCÓN, HUGO A.. Synthesis of a novel bismuth molybdite/iron oxide thin film for oxytetracycline degradation in a photoelectrocatalytic system. CHEMOSPHERE. JCR, v.366, p.143505, 2024.

11. doi AZEVEDO BELUOMINI, MAISA; RAMOS STRADIOTTO, NELSON; **Boldrin Zanoni, Maria Valnice**; CARTA, MARIOLINO; MCKEOWN, NEIL B.; FLETCHER, PHILIP J.; SAIN, SUNANDA; LI, ZHONGKAI; MARKEN, FRANK. Triphasic Oxygen Storage in Wet Nanoparticulate Polymer of Intrinsic Microporosity (PIM-1) on Platinum: An Electrochemical Investigation. ACS Applied Materials & Interfaces. JCR, v.16, p.37865 - 37873, 2024. **Citações:** WEB OF SCIENCE 1

12. doi AZEVEDO BELUOMINI, MAISA; STRADIOTTO, N. R.; **ZANONI, MARIA VALNICE**; CARTA, M.; FLECHER, P.; MARKEN, FRANK. Triphasic Oxygen Storage in Wet Nanoparticulate Polymer ofIntrinsic Microporosity (PIM-1) on Platinum: An ElectrochemicalInvestigation. ACS Applied Materials & Interfaces. JCR, v.16, p.37865 - 37873, 2024.

13. doi SOUZA, BARBARA A.; GIANNINI, MARIA JOSÉ S.M.; YONASHIRO, MONICA; **Zanoni, Maria Valnice Boldrin**. Application of bioinspired W/WO3 electrodes electrochemically constructed on microbial biofilm for the disinfection of dialysate contaminated by Candida parapsilosis. Journal of Photochemistry and Photobiology. v.16, p.100196, 2023.

14. doi **ZANONI, MARIA VALNICE**. Artificial Photosynthesis Technology: Is it Possible?. Brazilian Journal of Analytical Chemistry - BrJAC (Online). JCR, v.10, p.10 - 12, 2023.

15. doi JORGETTO, A. O.; **Boldrin Zanoni, Maria Valnice**; ORLANDI, M. O.. Assessment of the superior photocatalytic properties of Sn2+-containing SnO2 microrods on the photodegradation of methyl orange. Scientific Reports. JCR, v.13, p.14774 - 14780, 2023. **Citações:** WEB OF SCIENCE 6 | SCOPUS 5

16. doi CORRADINI, PATRICIA GON; BRITO, JULIANA FERREIRA DE; BLASKIEVICZ, SIRLON F; SALVATI, BYANCA S; MENEZES, BEATRIZ COSTA E SILVA; **Zanoni, Maria Valnice Boldrin**; MASCARO, LUCIA HELENA. Contribution of CuO on lamellar BiVO4/Bi2O3-based semiconductor for photoconversion of CO2. JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY. JCR , v.444, p.114901, 2023. **Citações:** WEB OF SCIENCE 2 | SCOPUS 2

17. doi CANDIA-ONFRAY, CHRISTIAN; IRIKURA, KALLYNI; CALZADILLA, WENDY; ROJAS, SUSANA; **Boldrin Zanoni, Maria Valnice**; SALAZAR, RICARDO. Degradation of contaminants of emerging concern in a secondary effluent using synthesized MOF-derived photoanodes: A comparative study between photo-, electro- and photoelectrocatalysis. CHEMOSPHERE. JCR, v.315, p.137683, 2023. **Citações:** WEB OF SCIENCE 6 | SCOPUS 9

18. doi ROJAS-MANTILLA, HERNÁN DARIO; IRIKURA, KALLYNI; DE SOUZA, JOÃO CARLOS; AYALA-DURÁN, SAIDY CRISTINA; LIMA GOMES, PAULO CLAIRMONT FEITOSA DE; SALAZAR-GONZÁLEZ, RICARDO; **Boldrin Zanoni, Maria Valnice**. Degradation of sertraline using a continuous-flow filtration/photocatalysis system based on carbon fiber (PWB-3) modified with WO3 under LED chip irradiation. CHEMICAL ENGINEERING JOURNAL. JCR, v.477, p.146944, 2023. **Citações:** WEB OF SCIENCE 2 | SCOPUS 2

19. doi ALMEIDA DA SILVA, THAÍS CAROLINE; MARCHIORI, LEONARDO; OLIVEIRA MATTOS, BIANCA; ULLAH, SAJJAD; BARUD, HERNANE DA SILVA; ROMANO DOMENEGUETTI, RAFAEL; ROJAS-MANTILLA, HERNÁN DARIO; **Boldrin Zanoni, Maria Valnice**; RODRIGUES-FILHO, UBIRAJARA PEREIRA; FERREIRA-NETO, ELIAS PAIVA; RIBEIRO, SIDNEY JOSÉ LIMA. Designing Highly Photoactive Hybrid Aerogels for In-Flow Photocatalytic Contaminant Removal Using Silica-Coated Bacterial Nanocellulose Supports. ACS Applied Materials & Interfaces. JCR, v.15, p.23146 - 23159, 2023. **Citações:** WEB OF SCIENCE 12 | SCOPUS 5

20. doi FERREIRA, SERGIO L.C.; AZEVEDO, RAVENA S.A.; DA SILVA JUNIOR, JUCELINO B.; TEIXEIRA, LEONARDO S.G.; DOS SANTOS, IVANICE F.; DOS SANTOS, WALTER N.L.; QUEIROZ, ANTONIO F.S.; OLIVEIRA, OLIVIA M.C. DE; GUARIEIRO, LILIAN L.N.; DOS ANJOS, JEANCARLO P.; **ZANONI, MARIA V.B.**; SILVA, RICARDO B. DA; PALMA, CARLA; MORGADO, VANESSA; CERDA, VICTOR; HATJE, VANESSA; PEDREIRA, RODRIGO M.A. Emerging contaminants - general aspects: sources, substances involved, and quantification. APPLIED SPECTROSCOPY REVIEWS. JCR, v.x, p.1 - 20, 2023. **Citações:** WEB OF SCIENCE 4 | SCOPUS 3

21. doi DE MOURA TORQUATO, LILIAN DANIELLE; MATTEUCCI, ROSA MARIA; STUFANO, PAOLO; VONA, DANILO; FARINOLA, GIANLUCA M.; TROTTA, MASSIMO; **Boldrin Zanoni, Maria Valnice**; GRATTIERI, MATTEO. Front Cover: Photobioelectrocatalysis of Intact Photosynthetic Bacteria Exposed to Dinitrophenol (ChemElectroChem 12/2023). ChemElectroChem. JCR, v.10, p.e202300013(1-9, 2023.

22. doi VIANA, TAIS S.; CAMPOS, DIANA; BARTILOTTI, MARIANA; LEITE, FERNANDA G.; **Zanoni, Maria Valnice Boldrin**; DORTA, DANIEL J.; Oliveira, Danielle P.; PESTANA, JOÃO L. T.. Magnetized vermiculite as a tool for the treatment of produced water generated by oil companies: Effects on aquatic organisms before and after treatment. JOURNAL OF APPLIED TOXICOLOGY. JCR, v.x, p.x, 2023.

23. doi ROMEIRO, FERNANDA DA COSTA; MARTINS, ALYSSON STEFAN; PERINI, JOÃO ANGELO LIMA; SILVA, BEATRIZ COSTA E; **Zanoni, Maria Valnice Boldrin**; ORLANDI, MARCELO ORNAGHI. Microwave-assisted hydrothermal synthesis of Sn3O4 and SnO for electrocatalytic reduction of CO2 to high-added-value compounds. JOURNAL OF MATERIALS SCIENCE. JCR, v.58, p.3508 - 3519, 2023. **Citações:** WEB OF SCIENCE 6 | SCOPUS 3

24. DE MOURA TORQUATO, LILIAN DANIELLE; MATTEUCCI, ROSA MARIA; STUFANO, PAOLO; VONA, DANILO; FARINOLA, GIANLUCA M.; TROTTA, MASSIMO; **Boldrin Zanoni, Maria Valnice**; GRATTIERI, MATTEO. Photobioelectrocatalysis of Intact Photosynthetic Bacteria Exposed to Dinitrophenol. ChemElectroChem. JCR, v.10, p.1 - 9, 2023. **Citações:** WEB OF SCIENCE 1 | SCOPUS 1

25. DE SOUZA, JOÃO CARLOS; IRIKURA, KALLYNI; MANTILLA, HERNÁN DARIO ROJAS; **Zanoni, Maria Valnice Boldrin**; SALAZAR, RICARDO. Using 3D printed magnetic platform as support for screen printed electrode applied for p-toluenediamine detection in biological fluid and water samples. ANALYTICA CHIMICA ACTA. JCR, v.1240, p.340745, 2023. **Citações:** WEB OF SCIENCE 3 | SCOPUS 3

26. BRITO, JULIANA FERREIRA DE; BESSEGATO, GUILHERME GARCIA; PERINI, JOÃO ANGELO LIMA; TORQUATO, LILIAN DANIELLE DE MOURA; **Zanoni, Maria Valnice Boldrin**. Advances in photoelectroreduction of CO2 to hydrocarbons fuels: Contributions of functional materials. Journal of CO2 Utilization. JCR, v.55, p.101810, 2022. **Citações:** WEB OF SCIENCE 18 | SCOPUS 18

27. BRITO, JULIANA FERREIRA DE; ANDRADE, MARCOS ANTONIO SANTANA; **Zanoni, Maria Valnice Boldrin**; MASCARO, LUCIA HELENA. All-solution processed CuGaS2-based photoelectrodes for CO2 reduction. Journal of CO2 Utilization. JCR, v.57, p.101902, 2022. **Citações:** WEB OF SCIENCE 12 | SCOPUS 13

28. CÉSAR GONÇALVES SILVA, CAIO; DANIELLE DE MOURA TORQUATO, LILIAN; CAMILA DE ARAÚJO, BÁRBARA; DARIO ROJAS MANTILLA, HERNAN; **VALNICE BOLDRIN ZANONI, MARIA**; SANTESSO GARRIDO, SAULO. Assessment Of Wo3 Electrode Modified With Intact Chloroplasts As A Novel Biohybrid Platform For Photocurrent Improvement. BIOELECTROCHEMISTRY. JCR, v.147, p.108177, 2022. **Citações:** WEB OF SCIENCE 4 | SCOPUS 4

29. SANTOS, A.; VENDEMIATTI, J. S.; SILVA, M. V.; ARTAL, M. C.; SILVA, B. F.; **BOLDRIN ZANONI, M.V.B.**; UMBUZEIRO, G. A.. Measuring concentrations of a dye in the hemolymph of a marine amphipod: development of a protocol for exposure assessment. MARINE POLLUTION BULLETIN. JCR, v.175, p.113376, 2022. **Citações:** WEB OF SCIENCE 3 | SCOPUS 3

30. HYPPÓLITO, MARINA PAZ; PERINI, JOÃO ANGELO LIMA; DA SILVA, BIANCA FERREIRA; JORGE, SÔNIA MARIA ALVES; **Zanoni, Maria Valnice Boldrin**. Modification of Ti/TiO2NT with ZrO2 nanoparticles to enhance photoelectrocatalytic performance in removal of dibutyl phthalate. Environmental Science and Pollution Research. JCR, v.29, p.64112 - 64123, 2022. **Citações:** WEB OF SCIENCE 6 | SCOPUS 6

31. SAYAO, F.; **Zanoni, Maria Valnice Boldrin**; LACHGAR, A.. Modulating the photoelectrocatalytic conversion of CO to methanol and/or H O to hydrogen at a phosphorene modified Ti/TiO electrode. Journal of Materials Chemistry C. JCR, v.10, p.11276 - 11285, 2022.

32. MARTINS, A. S.; GUARALDO, T. T.; WENK, J.; MATTIA, D.; **VALNICE BOLDRIN ZANONI, MARIA**. Nanoporous WO3 grown on a 3D tungsten mesh by electrochemical anodization for enhanced photoelectrocatalytic degradation of tetracycline in a continuous flow reactor. JOURNAL OF ELECTROANALYTICAL CHEMISTRY. JCR, v.920, p.116617, 2022. **Citações:** WEB OF SCIENCE 8 | SCOPUS 8

33. DA COSTA ROMEIRO, FERNANDA; MARTINS, ALYSSON STEFAN; COSTA E SILVA, BEATRIZ; **Zanoni, Maria Valnice Boldrin**; ORLANDI, MARCELO ORNAGHI. Photoelectrochemical hydrogen generation at hybrid rGO-Sn3O4/SnO2 nanocomposite. JOURNAL OF APPLIED ELECTROCHEMISTRY. JCR, v.52, p.1469 - 1480, 2022. **Citações:** WEB OF SCIENCE 3 | SCOPUS 3

34. AZEVEDO BELUOMINI, MAISA; WANG, YU; WANG, LINA; CARTA, MARIOLINO; MCKEOWN, NEIL B.; WIKELEY, SIMON M.; JAMES, TONY D.; LOZANO-SANCHEZ, PABLO; CAFFIO, MARCO; RAMOS STRADIOTTO, NELSON; **VALNICE BOLDRIN ZANONI, MARIA**; MARKEN, FRANK. Polymer of intrinsic microporosity (PIM-1) enhances hydrogen peroxide production at Gii-Sens graphene foam electrodes. ELECTROCHEMISTRY COMMUNICATIONS. JCR, v.143, p.107394, 2022. **Citações:** WEB OF SCIENCE 5 | SCOPUS 4

35. **Boldrin Zanoni, Maria Valnice**; IRIKURA, KALLYNI; LIMA PERINI, JOÃO ANGELO; BESSEGATO, GUILHERME; SANDOVAL, MIGUEL A.; SALAZAR, RICARDO. Recent achievements in photoelectrocatalytic degradation of pesticides. CURRENT OPINION IN ELECTROCHEMISTRY. JCR, v.35, p.101020, 2022. **Citações:** WEB OF SCIENCE 17 | SCOPUS 16

36. DA SILVA, JOSIEL JOSÉ; DA SILVA, BIANCA FERREIRA; **Zanoni, Maria Valnice Boldrin**; STRADIOTTO, NELSON RAMOS. Sample preparation and antibiotic quantification in vinasse generated from sugarcane ethanol fuel production. JOURNAL OF CHROMATOGRAPHY A. JCR, v.1666, p.462833, 2022. **Citações:** WEB OF SCIENCE 7 | SCOPUS 7

37. BELUOMINI, M. A.; STRADIOTTO, N. R.; **Maria Valnice Boldrin Zanoni**. Simultaneous detection of hesperidin and narirutin in residual water using nanoporous platinum electrosynthesized by alloying-dealloying mechanism. JOURNAL OF ELECTROANALYTICAL CHEMISTRY. JCR, v.904, p.115866, 2022. **Citações:** WEB OF SCIENCE 8 | SCOPUS 7

38. CHRISTOVAM, ELISA MARIA; FRANCO, JEFFERSON HONORIO; Zocolo, Guilherme Julião; FUSCO ALMEIDA, ANA MARISA; MARCELINO, MONICA YONASHIRO; de Oliveira, Danielle Palma; **Boldrin Zanoni, Maria Valnice**. Stability of Acid Black 210 dye in Tannery Industry Effluent in Aqueous Solution Is Limited and Generates Harmful Subproducts. FRONTIERS IN ENVIRONMENTAL SCIENCE. JCR, v.10, p.1 - 13, 2022. **Citações:** WEB OF SCIENCE 6 | SCOPUS 5

39. KHAN, SAAD U.; KHAN, HAMMAD; HUSSAIN, SAJJAD; TORQUATO, LILIAN D. M.; KHAN, SABIR; MIRANDA, RAUL G.; Oliveira, Danielle P.; DORTA, DANIEL J.; PERINI, JOÃO A. LIMA; CHOI, HYEOK; **ZANONI, MARIA V. BOLDRIN**. Surface facet Fe2O3-based visible light photocatalytic activation of persulfate for the removal of RR120 dye: nonlinear modeling and optimization. Environmental Science and Pollution Research. JCR, v.29, p.51651 - 51664, 2022. **Citações:** WEB OF SCIENCE 7 | SCOPUS 7

40. SILVA, J. P.; **ZANONI, MARIA V. BOLDRIN**; IRIKURA, K.; GOMES, P. C. L.. A simple electrogravimetric experimental setup to determine Cu in alloy samples for teaching purposes. CHEMICAL PAPERS. JCR, v.75, p.575 - 582, 2021. **Citações:** WEB OF SCIENCE 1 | SCOPUS 1

41. DE SOUZA, MARCIÉLLI KAROLINE RODRIGUES; CARDOSO, EDUARDO DOS SANTOS FREITAS; FORTUNATO, GUILHERME V.; LANZA, MARCOS R.V.; NAZÁRIO, CARLOS EDUARDO; **Zanoni, Maria Valnice Boldrin**; MAIA, GILBERTO; Cardoso, Juliano Carvalho. Combination of Cu-Pt-Pd nanoparticles supported on graphene nanoribbons decorating the surface of TiO2 nanotube applied for CO2 photoelectrochemical reduction. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING. JCR, v.9, p.105803, 2021. **Citações:** WEB OF SCIENCE 17 | SCOPUS 20

42. IRIKURA, KALLYNI; PERINI, JOÃO ANGELO LIMA; FLOR, JADER BARBOSA SILVA; FREM, REGINA CÉLIA GALVÃO; **Zanoni, Maria Valnice Boldrin**. Direct synthesis of Ru3(BTC)2 metal-organic framework on a Ti/TiO2NT platform for improved performance in the photoelectroreduction of CO2. Journal of CO2 Utilization. JCR, v.43, p.101364, 2021. **Citações:** WEB OF SCIENCE 15 | SCOPUS 20

43. PERINI, JOÃO ANGELO LIMA; IRIKURA, KALLYNI; TORQUATO, LILIAN D. MOURA; FLOR, JADER BARBOSA DA S.; **ZANONI, MARIA V. BOLDRIN**. Effect of ionic liquid in a pressurized reactor to enhance CO2 photocatalytic reduction at TiO2 modified by gold nanoparticles. JOURNAL OF CATALYSIS. JCR, v.405, p.588 - 600, 2021. **Citações:** WEB OF SCIENCE 10 | SCOPUS 11

44. VIANA, T. S.; RIALTO, T. C. R.; BRITO, J. F. D.; MICAS, A. F. D.; ABE, F. R.; SAVAZZI, E. A.; **BOLDRIN ZANONI, M.V.B.**; DE OLIVEIRA, D. P. Effects of water produced by oil segment on aquatic organisms after treatment using advanced oxidative processes. JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART A-CURRENT ISSUES. JCR, v.84, p.901 - 913, 2021. **Citações:** WEB OF SCIENCE 4 | SCOPUS 4

45. BELUOMINI, MAÍSA AZEVEDO; STRADIOTTO, NELSON RAMOS; **Boldrin, Maria Valnice**. Electrosynthesis of three-dimensional nanoporous nickel on screen-printed electrode used for the determination of narirutin in citrus wastewater. FOOD CHEMISTRY. JCR, v.353, p.129427, 2021. **Citações:** WEB OF SCIENCE 15 | SCOPUS 14

46. SAYÃO, FABIANA AVOLIO; MARTINS, ALYSSON STEFAN; DA SILVA, JOSIEL JOSÉ; **Boldrin Zanoni, Maria Valnice**. Evaluation of Ni ^{0} , NiO, and NiS as a Cocatalyst Modifier on TiO $_{2}$ Nanotubes Matrix for the Enhancement of Photoelectrocatalytic Oxidation of Penicillin G. JOURNAL OF THE ELECTROCHEMICAL SOCIETY. JCR, v.168, p.076503, 2021. **Citações:** WEB OF SCIENCE 3 | SCOPUS 3

47. BEN AISSA, ALEJANDRA; ARAÚJO, BARBARA; JULIÁN, ESTHER; **Boldrin Zanoni, Maria Valnice**; PIVIDORI, MARÍA ISABEL. Immunomagnetic Separation Improves the Detection of Mycobacteria

by Paper-Based Lateral and Vertical Flow Immunochromatographic Assays. SENSORS. JCR, v.21, p.5992, 2021. **Citações:** WEB OF SCIENCE 9 | SCOPUS 9

48. Rajeshwar, Krishnan; VALI, ABBAS; DE BRITO, JULIANA FERREIRA; **Boldrin Zanoni, Maria Valnice**. Naming Photoelectrochemical Processes: Why Thermodynamics Holds the Key. ACS Energy Letters. JCR, v.6, p.2198 - 2201, 2021. **Citações:** WEB OF SCIENCE 8 | SCOPUS 9

49. PERINI, JOÃO ANGELO LIMA; TAVELLA, FRANCESCO; FERREIRA NETO, ELIAS PAIVA; **Zanoni, Maria Valnice Boldrin**; RIBEIRO, SIDNEY JOSÉ LIMA; GIUSI, DANIELE; CENTI, GABRIELE; PERATHONER, SIGLINDA; AMPELLI, CLAUDIO. Role of nanostructure in the behaviour of BiVO4-TiO2 nanotube photoanodes for solar water splitting in relation to operational conditions. SOLAR ENERGY MATERIALS AND SOLAR CELLS. JCR, v.223, p.110980, 2021. **Citações:** WEB OF SCIENCE 10 | SCOPUS 10

50. KHAN, SAAD ULLAH; HUSSAINC, S.; PERINI, J. A. L.; **BOLDRIN ZANONI, MARÍA VALNICE**. Self-doping of Nb2O5NC by cathodic polarization for enhanced conductivity properties and photoelectrocatalytic performance. CHEMOSPHERE. JCR, v.272, p.129880, 2021. **Citações:** WEB OF SCIENCE 3 | SCOPUS 3

51. ROMEIRO, F. C.; SILVA, B. C. E.; MARTINS, ALYSSON STEFAN; **VALNICE BOLDRIN ZANONI, MARIA**; ORLANDI, M.O.. Superior performance of rGO-tin oxide nanocomposite for selective reduction of CO2 to methanol. Journal of CO2 Utilization. JCR, v.46, p.101460, 2021. **Citações:** WEB OF SCIENCE 16 | SCOPUS 18

52. BESSEGATO, GUILHERME GARCIA; WOOD, D.; CHRISTENSEN, P.; COOKE, M. D.; **Maria Valnice Boldrin Zanoni**. Synthesis and electrochemical characterization of Si/TiO2/Au composite anode: Efficient oxygen evolution and hydroxyl radicals generation. ELECTROCHIMICA ACTA. JCR, v.370, p.137742, 2021. **Citações:** WEB OF SCIENCE 8 | SCOPUS 10

53. BARTILOTTI, MARIANA; BELUOMINI, M. A.; **Maria Valnice Boldrin Zanoni**. Using an Electrochemical MIP Sensor for Selective Determination of 1¿Naphthol in Oilfield Produced Water. ELECTROANALYSIS. JCR, v.33, p.1346 - 1355, 2021. **Citações:** WEB OF SCIENCE 2 | SCOPUS 3

54. CANDIA-ONFRAY, CHRISTIAN; ROJAS, SUSANA; **Boldrin Zanoni, Maria Valnice**; SALAZAR, RICARDO. An updated review of MOF materials in Photo(electro)catalytic applications: From CO2 reduction to wastewater treatments. Current Opinion in Electrochemistry. v.26, p.100669, 2020. **Citações:** WEB OF SCIENCE 42 | SCOPUS 45

55. CORRADINI, PATRICIA GON; DE BRITO, JULIANA FERREIRA; **Boldrin Zanoni, Maria Valnice**; MASCARO, LUCIA HELENA. Artificial photosynthesis for alcohol and 3-C compound formation using BiVO4-lamelar catalyst. Journal of CO2 Utilization. JCR, v.36, p.187 - 195, 2020. **Citações:** WEB OF SCIENCE 14 | SCOPUS 18

56. DE SOUZA, JOÃO CARLOS; DA SILVA, BIANCA FERREIRA; MORALES, DANIEL ALEXANDRE; Umbuzeiro, Gisela de Aragão; **Zanoni, Maria Valnice Boldrin**. Assessment of p-aminophenol oxidation by simulating the process of hair dyeing and occurrence in hair salon wastewater and drinking water from treatment plant. JOURNAL OF HAZARDOUS MATERIALS. JCR, v.387, p.122000, 2020. **Citações:** WEB OF SCIENCE 25 | SCOPUS 32

57. FRANCO, J. H.; SILVA, BIANCA FERREIRA; **BOLDRIN ZANONI, MARÍA VALNICE**. Assessment of semi-permanent hair dyes in wash water from beauty salons by liquid chromatography-tandem mass spectrometry-selected reaction monitoring (LC-MS/MS-SRM). Analytical Methods. JCR, v.12, p.5415 - 5423, 2020. **Citações:** WEB OF SCIENCE 5 | SCOPUS 5

58. BARTILOTTI, MARIANA; VIANA, TAÍS S.; DE OLIVEIRA, DANIELLE P.; SANTOS, ELISAMA V.; ROJAS-MANTILLA, HERNAN D.; SANTOS, MIRIAN C.; **Zanoni, Maria Valnice B.**. Assessment of the improved performance of magnetite-modified vermiculite in the reduction of BTEX and metals, as well as toxicity in petroleum-produced water. JOURNAL OF WATER PROCESS ENGINEERING. JCR, v.39, p.101749, 2020. **Citações:** WEB OF SCIENCE 6 | SCOPUS 7

59. OLIVEIRA, G. F.; PEREIRA, F. M. V.; **ZANONI, MARIA VALNICE BOLDRIN**; SILVA, J. L.. Carbon Nanotube-Based Molecularly Imprinted Voltammetric Sensor for Selective Diuretic Analysis of Dialysate and Hemodialysis Wastewater. ChemElectroChem. JCR, v.7, p.3006 - 3016, 2020. **Citações:** WEB OF SCIENCE 4 | SCOPUS 4

60. SILVA, C. C. G.; SILVA, L. M.; SILVA, B. C. E.; GARRIDO, S. S.; **boldrin, MV**; SOUZA, D.. Cathodic stripping voltammetric determination of β-cyfluthrin, a pyrethroid insecticide, using polished silver solid amalgam electrode. JOURNAL OF SOLID STATE ELECTROCHEMISTRY. JCR, v.24, p.1819 - 1826, 2020. **Citações:** WEB OF SCIENCE 5 | SCOPUS 5

61. KHAN, SAAD ULLAH; KHAN, HAMMAD; ANWAR, SAJID; KHAN, SABIR; **BOLDRIN ZANONI, MARIA V.**; HUSSAIN, SAJJAD. Computational and statistical modeling for parameters optimization of electrochemical decontamination of synozol red dye wastewater. CHEMOSPHERE. JCR, v.253, p.126673, 2020. **Citações:** WEB OF SCIENCE 36 | SCOPUS 39

62. CORREA, G. T.; SILVA, J. P.; SOUZA, J. C.; PIVIDORI, M. I.; **ZANONI, MARIA VALNICE BOLDRIN**. Determination of temporary dye Basic Red 51 in commercial hair dye, river water and wastewater from hairdressing salon using graphite-epoxy composite electrode modified with magnetic nanoparticles. MICROCHEMICAL JOURNAL. JCR, v.159, p.105485, 2020. **Citações:** WEB OF SCIENCE 6 | SCOPUS 6

63. IRIKURA, K.; WARKEN, F.; FLETCHER, P. J.; KOCIOK-KOHN, G.; **Zanoni, Maria Valnice B.**. Direct and indirect light energy harvesting with films of ambiently deposited ZnO nanoparticles. APPLIED SURFACE SCIENCE. JCR, v.527, p.146927, 2020. **Citações:** WEB OF SCIENCE 4 | SCOPUS 5

64. SILVA, B. C. E.; IRIKURA, K.; FREM, R. C. G.; **BOLDRIN ZANONI, MARIA V.**. Effect of Cu(BDC-NH2) MOF deposited on Cu/Cu2O electrode and its better performance in photoelectrocatalytic reduction of CO2. JOURNAL OF ELECTROANALYTICAL CHEMISTRY. JCR, v.880, p.114856, 2020. **Citações:** WEB OF SCIENCE 43 | SCOPUS 41

65. PÉREZ, ANA ISA; MATERÓN, ELSA M; **Zanoni, Maria Valnice Boldrin**; MOREIRA, JOSINO COSTA; FARIAS, PERCIO AUGUSTO MARDINI; DE SOUZA, FERNANDO GOMES. Electrochemical detection of sotalol on a magnetographite-epoxy electrode using magnetite nanoparticles. PRAMANA-JOURNAL OF PHYSICS. JCR, v.94, p.114, 2020. **Citações:** WEB OF SCIENCE 6 | SCOPUS 7

66. SILVA, B. C. E.; IRIKURA, K.; FLOR, J. B.; NARDO, R. C. G. F.; **VALNICE BOLDRIN ZANONI, MARIA**. Electrochemical preparation of Cu/Cu2O-Cu(BDC) metal-organic framework electrodes for photoelectrocatalytic reduction of CO2. Journal of CO2 Utilization. JCR, v.42, p.101299, 2020. **Citações:** WEB OF SCIENCE 48 | SCOPUS 48

67. KHAN, SAAD ULLAH; PERINI, JOÃO ANGELO LIMA; HUSSAIN, SAJJAD; KHAN, HAMMAD; KHAN, SABIR; **BOLDRIN ZANONI, MARIA V.**. Electrochemical preparation of Nb2O5 nanochannel photoelectrodes for enhanced photoelectrocatalytic performance in removal of RR120 dye. CHEMOSPHERE. JCR, v.257, p.127164, 2020. **Citações:** WEB OF SCIENCE 10 | SCOPUS 12

68. SOUZA, J. C.; **Maria Valnice Boldrin Zanoni**; BRETT, A. M. O.. Human Hair Keratin Direct Electrochemistry and *In¿Situ* Interaction with *p* ¿Toluenediamine and *p* ¿Aminophenol Hair Dye Precursors using a Keratin Electrochemical Biosensor. ChemElectroChem. JCR, v.7, p.1277 - 1285, 2020. **Citações:** WEB OF SCIENCE 9 | SCOPUS 9

69. ARANDA-AGUIRRE, ALEJANDRO; OJEDA, JULIO; FERREIRA DE BRITO, JULIANA; GARCIA-SEGURA, SERGI; **BOLDRIN ZANONI, MARÍA VALNICE**; ALARCON, HUGO. Photoelectrodes of Cu2O with interfacial structure of topological insulator Bi2Se3 contributes to selective photoelectrocatalytic reduction of CO2 towards methanol. Journal of CO2 Utilization. JCR, v.39, p.101154, 2020. **Citações:** WEB OF SCIENCE 28 | SCOPUS 32

70. TORQUATO, LILIAN D. MOURA; PASTRIAN, FABIÁN A.C.; PERINI, JOÃO A. LIMA; IRIKURA, KALLYNI; DE L. BATISTA, ANA PAULA; DE OLIVEIRA-FILHO, ANTONIO G.S.; CÓRDOBA DE TORRESI, SUSANA I.; **ZANONI, MARIA V. BOLDRIN**. Relation between the nature of the surface facets and the reactivity of Cu2O nanostructures anchored on TiO2NT@PDA electrodes in the photoelectrocatalytic conversion of CO2 to methanol. APPLIED CATALYSIS B-ENVIRONMENTAL. JCR, v.261, p.118221, 2020. **Citações:** WEB OF SCIENCE 57 | SCOPUS 61

71. MARTINS, ALYSSON STEFAN; LACHGAR, ABDOU; **Boldrin Zanoni, Maria Valnice**. Sandwich Nylon/stainless-steel/WO3 membrane for the photoelectrocatalytic removal of Reactive Red 120 dye applied in a flow reactor. SEPARATION AND PURIFICATION TECHNOLOGY. JCR, v.237, p.116338, 2020. **Citações:** WEB OF SCIENCE 22 | SCOPUS 25

72. doi LAMARCA, RAFAELA SILVA; FARIA, RICARDO ADRIANO DORLEDO DE; **Zanoni, Maria Valnice Boldrin**; NALIN, MARCELO; LIMA GOMES, PAULO CLAIRMONT FEITOSA DE; MESSADDEQ, YOUNÈS. Simple, fast and environmentally friendly method to determine ciprofloxacin in wastewater samples based on an impedimetric immunosensor. RSC Advances. JCR, v.10, p.1838 - 1847, 2020. **Citações:** WEB OF SCIENCE 13 | SCOPUS 13

73. doi BRITO, JULIANA FERREIRA DE; IRIKURA, KALLYNI; TERZI, CAROLINA MACHADO; NAKAGAKI, SHIRLEY; **Zanoni, Maria Valnice Boldrin**. The great performance of TiO2 nanotubes electrodes modified by copper(II)porphyrin in the reduction of carbon dioxide to alcohol. Journal of CO2 Utilization. JCR, v.41, p.101261, 2020. **Citações:** WEB OF SCIENCE 22 | SCOPUS 25

74. doi BRITO, JULIANA F.; CORRADINI, PATRICIA G.; **Zanoni, Maria Valnice B.**; MARKEN, FRANK; MASCARO, LUCIA H.. The influence of metallic Bi in BiVO4 semiconductor for artificial photosynthesis. JOURNAL OF ALLOYS AND COMPOUNDS. JCR, v.851, p.156912, 2020. **Citações:** WEB OF SCIENCE 16 | SCOPUS 24

75. doi Brugnera, Michelle Fernanda; MIYATA, MARCELO; Zocolo, Guilherme Julião; TESSARO, LETICIA LOUIZE GONÇALVES; LEITE, CLARICE QUEICO FUJIMURA; **Zanoni, Maria Valnice Boldrin**. A promising technology based on photoelectrocatalysis against *Mycobacterium tuberculosis* in water disinfection. ENVIRONMENTAL TECHNOLOGY. JCR, v.121, p.1 - 27, 2019. **Citações:** WEB OF SCIENCE 10 | SCOPUS 8

76. doi PERINI, JOÃO ANGELO LIMA; TORQUATO, LILIAN D. MOURA; IRIKURA, KALLYNI; **Zanoni, Maria Valnice Boldrin**. Ag/polydopamine-modified Ti/TiO2 nanotube arrays: A platform for enhanced CO2 photoelectroreduction to methanol. Journal of CO2 Utilization. JCR, v.34, p.596 - 605, 2019. **Citações:** WEB OF SCIENCE 26 | SCOPUS 28

77. doi DE SOUZA, JOÃO CARLOS; DA SILVA, BIANCA FERREIRA; MORALES, DANIEL ALEXANDRE; DE ARAGÃO UMBUZEIRO, GISELA; **Zanoni, Maria Valnice Boldrin**. Assessment of the autoxidation mechanism of p-toluenediamine by air and hydrogen peroxide and determination of mutagenic environmental contaminant in beauty salon effluent. SCIENCE OF THE TOTAL ENVIRONMENT. JCR, v.685, p.911 - 922, 2019. **Citações:** WEB OF SCIENCE 21 | SCOPUS 21

78. doi BRITO, JULIANA FERREIRA; GENOVESE, CHIARA; TAVELLA, FRANCESCO; AMPELLI, CLAUDIO; **Boldrin Zanoni, Maria Valnice**; CENTI, GABRIELE; PERATHONER, SIGLINDA. CO Reduction of Hybrid Cu O-Cu/Gas Diffusion Layer Electrodes and their Integration in a Cu-based Photoelectrocatalytic Cell. ChemSusChem. JCR, v.12, p.4274 - 4284, 2019. **Citações:** WEB OF SCIENCE 38 | SCOPUS 44

79. doi DE BRITO, JULIANA FERREIRA; BESSEGATO, GUILHERME GARCIA; DE TOLEDO E SOUZA, PEDRO RAFAEL FRAGA; VIANA, TAÍS SUELEN; de Oliveira, Danielle Palma; MARTÍNEZ-HUITLE, CARLOS ALBERTO; **Zanoni, Maria Valnice Boldrin**. Combination of Photoelectrocatalysis and Ozonation as a Good Strategy for Organics Oxidation and Decreased Toxicity in Oil-Produced Water. JOURNAL OF THE ELECTROCHEMICAL SOCIETY. JCR, v.166, p.H3231 - H3238, 2019. **Citações:** WEB OF SCIENCE 29 | SCOPUS 31

80. doi YUJI USUKURA KIM, JOAQUIM; BESSEGATO, GUILHERME G.; DE SOUZA, BÁRBARA C.; DA SILVA, JOSIEL J.; **VALNICE BOLDRIN ZANONI, MARIA**. Efficient treatment of swimming pool water by photoelectrocatalytic ozonation: inactivation of Candida parapsilosis and mineralization of Benzophenone-3 and urea. CHEMICAL ENGINEERING JOURNAL. JCR, v.378, p.122094 - 1220104, 2019. **Citações:** WEB OF SCIENCE 32 | SCOPUS 35

81. doi DE SOUZA, JOÃO CARLOS; DA SILVA, JOSÉ LUIZ; FABRÃO, RODRIGO MONTEIRO; STRADIOTTO, NELSON RAMOS; **Zanoni, Maria Valnice Boldrin**. Electroactive sugars, organic acids and sugar alcohol analysis in wine using anion-exchange chromatography with electrochemical detection. MICROCHEMICAL JOURNAL. JCR, v.147, p.972 - 978, 2019. **Citações:** WEB OF SCIENCE 10 | SCOPUS 13

82. doi BESSEGATO, GUILHERME G.; BRUGNERA, MICHELLE F.; **Zanoni, Maria Valnice Boldrin**. Electroanalytical sensing of dyes and colorants. Current Opinion in Electrochemistry. v.16, p.134 - 142, 2019. **Citações:** WEB OF SCIENCE 34 | SCOPUS 36

83. doi KHAN, SABIR; WONG, ADEMAR; **Zanoni, Maria Valnice Boldrin**; SOTOMAYOR, MARIA DEL PILAR TABOADA. Electrochemical sensors based on biomimetic magnetic molecularly imprinted polymer for selective quantification of methyl green in environmental samples. Materials Science & Engineering C-Materials for Biological Applications. JCR, v.103, p.109825, 2019. **Citações:** WEB OF SCIENCE 66 | SCOPUS 74

84. doi MARTINS, ALYSSON STEFAN; CORDEIRO-JUNIOR, PAULO JORGE MARQUES; BESSEGATO, GUILHERME GARCIA; CARNEIRO, JUSSARA FERNANDES; **Zanoni, Maria Valnice Boldrin**; LANZA, MARCOS ROBERTO DE VASCONCELOS. Electrodeposition of WO3 on Ti substrate and the influence of interfacial oxide layer generated in situ: A photoelectrocatalytic degradation of propyl paraben. APPLIED SURFACE SCIENCE. JCR, v.464, p.664 - 672, 2019. **Citações:** WEB OF SCIENCE 37 | SCOPUS 37

85. doi BESSEGATO, G. G.; TREMILIOSI FILHO, G.; **ZANONI, MARIA VALNICE BOLDRIN**; LINDINO, C. A.. Evidences of the Electrochemical Production of Sulfate Radicals at Cathodically Polarized TiO2 Nanotubes Electrodes. Electrocatalysis. JCR, v.10, p.272 - 276, 2019. **Citações:** WEB OF SCIENCE 4 | SCOPUS 7

86. doi ALMEIDA, LUCIO C.; BESSEGATO, GUILHERME G.; **Maria Valnice Boldrin Zanoni**. Experimental design as a tool for parameter optimization of photoelectrocatalytic degradation of a textile dye. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING. JCR, v.7, p.103264 - 103211, 2019. **Citações:** WEB OF SCIENCE 23 | SCOPUS 29

87. doi SOUZA, BARBARA A.; PERINI, JOAO A.; GIANNINI, MARIA JOSÉ S.M.; **Zanoni, Maria Valnice Boldrin**. Fast removal of Candida parapsilosis from hemodialysis dialysate using ultraviolet or visible light at nanoporous W/WO3 electrodes. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING. JCR, v.7, p.103104 - 103110, 2019. **Citações:** WEB OF SCIENCE 8 | SCOPUS 9

88. doi DE SOUZA, JOÃO CARLOS; **Zanoni, Maria Valnice Boldrin**; OLIVEIRA-BRETT, ANA MARIA. Genotoxic permanent hair dye precursors p-aminophenol and p-toluenediamine electrochemical oxidation mechanisms and evaluation in biological fluids. JOURNAL OF ELECTROANALYTICAL CHEMISTRY. JCR, v.857, p.113509, 2019. **Citações:** WEB OF SCIENCE 13 | SCOPUS 15

89. doi CARDOSO, J.C.; STULP, S.; DE SOUZA, M.K.R.; HUDARI, F.F.; GUBIANI, J.R.; FREM, R.C.G.; **ZANONI, M.V.B.**. The effective role of ascorbic acid in the photoelectrocatalytic reduction of CO2 preconcentrated on TiO2 nanotubes modified by ZIF-8. JOURNAL OF ELECTROANALYTICAL CHEMISTRY. JCR, v.856, p.113384, 2019. **Citações:** WEB OF SCIENCE 21 | SCOPUS 25

90. doi BRITO, J. F.; PERINI, JOÃO A. LIMA; PERATHONER, S.; **ZANONI, MARIA VALNICE BOLDRIN**. Turning carbon dioxide into fuel concomitantly to the photoanode-driven process of organic pollutant degradation by photoelectrocatalysis. ELECTROCHIMICA ACTA. JCR, v.306, p.277 - 284, 2019. **Citações:** WEB OF SCIENCE 20 | SCOPUS 23

91. doi HUDA, A.; SUMAN, P.H.; TORQUATO, L.D.M.; SILVA, BIANCA F.; HANDOKO, C.T.; GULO, F.; **ZANONI, M.V.B.**; ORLANDI, M.O.. Visible light-driven photoelectrocatalytic degradation of acid yellow 17 using Sn3O4 flower-like thin films supported on Ti substrate (Sn3O4/TiO2/Ti). JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY. JCR, v.376, p.196 - 205, 2019. **Citações:** WEB OF SCIENCE 34 | SCOPUS 37

92. doi MATERÓN, ELSA MARIA; MARCHETTO, REINALDO; ARAUJO, ANGELA REGINA; VEGA-CHACON, JAIME; PIVIDORI, MARIA I.; JAFELICCI, MIGUEL; SHIMIZU, FLAVIO M.; OLIVEIRA, OSVALDO N.; **Zanoni, Maria Valnice Boldrin**. A simple electrochemical method to monitor an azo dye reaction with a liver protein. ANALYTICAL BIOCHEMISTRY. JCR, v.553, p.46 - 53, 2018. **Citações:** WEB OF SCIENCE 3 | SCOPUS 3

93. doi HUDARI, F. F.; SOUZA, J. C.; **ZANONI, MARIA VALNICE BOLDRIN**. Adsorptive stripping voltammetry for simultaneous determination of hydrochlorothiazide and triamterene in hemodialysis samples using a multi-walled carbon nanotube-modified glassy carbon electrode. TALANTA. JCR, v.179, p.652 - 657, 2018. **Citações:** WEB OF SCIENCE 23 | SCOPUS 25

94. doi BESSEGATO, G. G.; SOUZA, J. C.; **Zanoni, Maria Valnice Boldrin**. Assessment of several advanced oxidation processes applied in the treatment of environmental concern constituents from a real hair dye wastewater. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING. JCR, v.6, p.2794 - 2802, 2018. **Citações:** WEB OF SCIENCE 46 | SCOPUS 51

95. doi FRANCO, JEFFERSON HONORIO; DA SILVA, BIANCA F.; DE CASTRO, ALEXANDRE A.; RAMALHO, TEODORICO C.; PIVIDORI, MARÍA ISABEL; **Zanoni, Maria Valnice Boldrin**.

Biotransformation of disperse dyes using nitroreductase immobilized on magnetic particles modified with tosyl group: Identification of products by LC-MS-MS and theoretical studies conducted with DNA. ENVIRONMENTAL POLLUTION. JCR, v.242, p.863 - 871, 2018. **Citações:** WEB OF SCIENCE 3 | SCOPUS 4

96. PERINI, JOÃO A. LIMA; Cardoso, Juliano C.; BRITO, JULIANA F. DE; **ZANONI, MARIA V. BOLDRIN**. Contribution of thin films of ZrO 2 on TiO 2 nanotubes electrodes applied in the photoelectrocatalytic CO 2 conversion. Journal of CO2 Utilization. JCR, v.25, p.254 - 263, 2018. **Citações:** WEB OF SCIENCE 31 | SCOPUS 23

97. BADDOUH, A.; BESSEGATO, G. G.; BAZZI, L.; HILALI, M.; **ZANONI, MARIA VALNICE BOLDRIN**. Electrochemical decolorization of Rhodamine B dye: influence of anode material, chloride concentration and current density. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING. JCR, v.6, p.2041 - 2047, 2018. **Citações:** WEB OF SCIENCE 108 | SCOPUS 111

98. FRANCO, J. H.; SILVA, B. F.; MEIRELES, G.; OLIVEIRA, D. P.; CASTRO, A. A.; RAMALHO, T. C.; OLIVEIRA, R. V.; **Zanoni, Maria Valnice Boldrin**. Identification of biotransformation products of disperse dyes with rat liver microsomes by LC-MS/MS and theoretical studies with DNA: Structure-mutagenicity relationship using Salmonella /microsome assay. SCIENCE OF THE TOTAL ENVIRONMENT. JCR, v.613-614, p.1093 - 1103, 2018. **Citações:** WEB OF SCIENCE 18 | SCOPUS 18

99. FRANCO, JEFFERSON HONORIO; DA SILVA, BIANCA F.; DIAS, ELISANGELA FRANCISCON G.; DE CASTRO, ALEXANDRE A.; RAMALHO, TEODORICO C.; **Zanoni, Maria Valnice Boldrin**. Influence of auxochrome group in disperse dyes bearing azo groups as chromophore center in the biotransformation and molecular docking prediction by reductase enzyme: Implications and assessment for environmental toxicity of xenobiotics. ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. JCR, v.160, p.114 - 126, 2018. **Citações:** WEB OF SCIENCE 33 | SCOPUS 35

100. CARDOSO, J. C.; STÜLP, SIMONE; FREM, R. C. G.; FLOR, JADER BARBOSA S.; BRITO, J. F.; **Zanoni, Maria Valnice B.**. MOFs based on ZIF-8 deposited on TiO 2 nanotubes increase the surface adsorption of CO 2 and its photoelectrocatalytic reduction to alcohols in aqueous media. APPLIED CATALYSIS B-ENVIRONMENTAL. JCR, v.225, p.563 - 573, 2018. **Citações:** WEB OF SCIENCE 162 | SCOPUS 172

101. BRITO, JULIANA FERREIRA DE; HUDARI, FELIPE FANTINATO; **Zanoni, Maria Valnice Boldrin**. Photoelectrocatalytic performance of nanostructured p-n junction NtTiO 2 /NsCuO electrode in the selective conversion of CO 2 to methanol at low bias potentials. Journal of CO2 Utilization. JCR, v.24, p.81 - 88, 2018. **Citações:** WEB OF SCIENCE 41 | SCOPUS 44

102. HUDARI, F. F.; BESSEGATO, G. G.; FERNANDES, F. C. B.; BUENO, P. R.; **Maria Valnice Boldrin Zanoni**. Reagentless Detection of Low-Molecular-Weight Triamterene Using Self-Doped TiO_2 Nanotubes. ANALYTICAL CHEMISTRY. JCR, v.90, p.7651 - 7658, 2018. **Citações:** WEB OF SCIENCE 14 | SCOPUS 17

103. MEIRELES, GABRIELA; DAAM, MICHIEL A.; MADEIRA SANCHES, ANA LETÍCIA; **ZANONI, MARIA V.B.**; SOARES, AMADEU M.V.M.; GRAVATO, CARLOS; DE OLIVEIRA, DANIELLE P.. Red disperse dyes (DR 60, DR 73 and DR 78) at environmentally realistic concentrations impact biochemical profile of early life stages of zebrafish (Danio rerio). CHEMICO-BIOLOGICAL INTERACTIONS. JCR, v.292, p.94 - 100, 2018. **Citações:** WEB OF SCIENCE 18 | SCOPUS 22

104. DE BRITO, JULIANA FERREIRA; TAVELLA, FRANCESCO; GENOVESE, CHIARA; AMPELLI, CLAUDIO; **Zanoni, Maria Valnice Boldrin**; CENTI, GABRIELE; PERATHONER, SIGLINDA. Role of CuO in the modification of the photocatalytic water splitting behavior of TiO 2 nanotube thin films. APPLIED CATALYSIS B-ENVIRONMENTAL. JCR, v.224, p.136 - 145, 2018. **Citações:** WEB OF SCIENCE 152 | SCOPUS 157

105. HUDARI, FELIPE FANTINATO; **Zanoni, Maria Valnice Boldrin**. A glassy carbon electrode modified with reduced graphene oxide for sensitive determination of bumetanide in urine at levels required for doping analysis. MICROCHIMICA ACTA. JCR, v.184, p.4117 - 4124, 2017. **Citações:** WEB OF SCIENCE 9 | SCOPUS 9

106. STÜLP, SIMONE; Cardoso, Juliano C.; DE BRITO, JULIANA FERREIRA; FLOR, JADER BARBOSA S.; FREM, REGINA CÉLIA GALVÃO; SAYÃO, FABIANA AVOILO; **Zanoni, Maria Valnice Boldrin**. An Artificial Photosynthesis System Based on Ti/TiO2 Coated with Cu(II) Aspirinate Complex for CO2 Reduction to Methanol. Electrocatalysis. JCR, v.8, p.279 - 287, 2017. **Citações:** WEB OF SCIENCE 17 | SCOPUS 22

107. SOUZA, BARBARA; GUARALDO, THAIS; BRUGNERA, MICHELLE; PIRES, REGINA; GIANNINI, MARIA; **ZANONI, MARIA**. Antifungal Properties of High Efficient W/WO3 Electrodes Acting under UV-Vis and Visible Light and Chloride Medium. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY. JCR, v.28, p.2084 - 2093, 2017. **Citações:** WEB OF SCIENCE 7 | SCOPUS 9

108. FRANCO, JEFFERSON HONORIO; AISSA, ALEJANDRA BEN; BESSEGATO, GUILHERME GARCIA; FAJARDO, LAURA MARTINEZ; **Zanoni, Maria Valnice Boldrin**; PIVIDORI, MARÍA ISABEL; DEL PILAR TABOADA SOTOMAYOR, MARIA. Assessment of molecularly imprinted polymers (MIPs) in the preconcentration of disperse red 73 dye prior to photoelectrocatalytic treatment. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH. JCR, v.24, p.4134 - 4143, 2017. **Citações:** WEB OF SCIENCE 4 | SCOPUS 4

109. ROCHA, OTÁVIO PELEGRINO; CESILA, CIBELE APARECIDA; CHRISTOVAM, ELISA MARIA; BARROS, SÍLVIA BERLANGA DE MORAES; **Zanoni, Maria Valnice Boldrin**; de Oliveira, Danielle Palma. Ecotoxicological risk assessment of the -Acid Black 210- dye. TOXICOLOGY. JCR, v.376, p.113 - 119, 2017. **Citações:** WEB OF SCIENCE 37 | SCOPUS 43

110. DE MORAES, PALOMA; HUDARI, FELIPE; SILVA, JOÃO; **ZANONI, MARIA**. Enhanced Detection of Ponceau 4R Food Dye by Glassy Carbon Electrode Modified with Reduced Graphene Oxide. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY. JCR, v.29, p.1237 - 1244, 2017. **Citações:** WEB OF SCIENCE 13 | SCOPUS 14

111. FOGUEL, MARCOS VINICIUS; PEDRO, NATACHA THAISA BELLO; **Zanoni, Maria Valnice Boldrin**; SOTOMAYOR, MARIA DEL PILAR TABOADA. Molecularly Imprinted Polymer (MIP): A Promising Recognition System for Development of Optical Sensor for Textile Dyes. PROCEDIA TECHNOLOGY. v.27, p.299 - 300, 2017.

112. BRITO, JULIANA FERREIRA DE; **Zanoni, Maria Valnice Boldrin**. On the application of Ti/TiO 2 /CuO n-p junction semiconductor: A case study of electrolyte, temperature and potential influence on CO 2 reduction. CHEMICAL ENGINEERING JOURNAL. JCR, v.318, p.264 - 271, 2017. **Citações:** WEB OF SCIENCE 64 | SCOPUS 70

113. **Boldrin, Maria Valnice**; BESSEGATO, GUILHERME G.; ANDRADE, ADALGISA R.; BENEDETTI, ASSIS VICENTE; STRADIOTTO, NELSON RAMOS; SOTOMAIOR, MARIA DEL PILAR; YAMANAKA, HIDEKO; ZANTA, CARMEN. Panorama da Eletroquímica e Eletroanalítica no Brasil. QUIMICA NOVA. JCR , v.40, p.663 - 649, 2017. **Citações:** WEB OF SCIENCE 4 | SCOPUS 3

114. VACCHI, FRANCINE INFORÇATO; VENDEMIATTI, JOSIANE APARECIDA DE SOUZA; DA SILVA, BIANCA FERREIRA; **Zanoni, Maria Valnice Boldrin**; Umbuzeiro, Gisela de Aragão. Quantifying the contribution of dyes to the mutagenicity of waters under the influence of textile activities. SCIENCE OF THE TOTAL ENVIRONMENT. JCR, v.601-602, p.230 - 236, 2017. **Citações:** WEB OF SCIENCE 82 | SCOPUS 88

115. NASCENTES, CLÉSIA CRISTINA; KORN, MARIA DAS GRAÇAS ANDRADE; **Boldrin, Maria Valnice**. Química Analítica no Brasil: atualidades, tendências e desafios. QUIMICA NOVA. JCR, v.40, p.643 - 649, 2017. **Citações:** WEB OF SCIENCE 3 | SCOPUS 4

116. BESSEGATO, GUILHERME GARCIA; HUDARI, FELIPE FANTINATO; **Zanoni, Maria Valnice Boldrin**. Self-doped TiO 2 nanotube electrodes: A powerful tool as a sensor platform for electroanalytical applications. Electrochimica Acta. JCR, v.235, p.527 - 533, 2017. **Citações:** WEB OF SCIENCE 47 | SCOPUS 49

117. FRAGA, LUCIANO EVANGELISTA; GUARALDO, THAIS TASSO; DE ARAÚJO SOUZA, BÁRBARA CAMILA; **Zanoni, Maria Valnice Boldrin**. Semi-permanent hair dyes degradation at W/WO3 photoanode under controlled current density assisted by visible light. JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES. JCR, v.20, p.2016 - 2168, 2017. **Citações:** WEB OF SCIENCE 2 | SCOPUS 3

118. FOGUEL, MARCOS VINICIUS; PEDRO, NATACHA THAISA BELLO; WONG, ADEMAR; KHAN, SABIR; **Zanoni, Maria Valnice Boldrin**; SOTOMAYOR, MARIA DEL PILAR TABOADA. Synthesis and evaluation of a molecularly imprinted polymer for selective adsorption and quantification of Acid Green 16

textile dye in water samples. TALANTA. JCR, v.170, p.244 - 251, 2017. **Citações:** WEB OF SCIENCE 55 | SCOPUS 58

119. FABRAO, R. M.; STRADIOTTO, N. R.; SILVA, J. L.; **Zanoni MVB**. Appraisal of photoelectrocatalytic oxidation of glucose and production of high value chemicals on nanotube Ti/TiO2 electrode. Electrochimica Acta. JCR, v.222, p.123 - 132, 2016. **Citações:** WEB OF SCIENCE 14 | SCOPUS 16

120. VACCHI, FRANCINE I.; VENDEMIATTI, JOSIANE A. S.; BROSSELIN, VANESSA; FERREIRA DA SILVA, BIANCA; **B. ZANONI, MARIA VALNICE**; DEMEO, MICHEL; BONY, SYLVIE; DEVAUX, ALAIN; Umbuzeiro, Gisela A.. Combining different assays and chemical analysis to characterize the genotoxicity of waters impacted by textile discharges. Environmental and Molecular Mutagenesis (Print). JCR, v.57, p.559 - 571, 2016. **Citações:** WEB OF SCIENCE 26 | SCOPUS 26

121. PIRES, R. H.; BRUGNERA, M. F.; **Zanoni MVB**; GIANNINI, M. J. S. M.. Effectiveness of photoelectrocatalysis treatment for the inactivation of Candida parapsilosis sensu stricto in planktonic cultures and biofilms. Applied Catalysis. A, General (Print). JCR, v.511, p.149 - 155, 2016. **Citações:** WEB OF SCIENCE 20 | SCOPUS 23

122. CARDOSO, J. C.; BESSEGATO, G. G.; **ZANONI, M. V. B.**. Efficiency comparison of ozonation, photolysis, photocatalysis and photoelectrocatalysis methods in real textile wastewater decolorization. Water Research (Oxford). JCR, v.98, p.39 - 46, 2016. **Citações:** WEB OF SCIENCE 182 | SCOPUS 215

123. Brugnera, Michelle Fernanda; BUNDALIAN, REYNALDO; LAUBE, TAMARA; JULIÁN, ESTHER; LUQUIN, MARINA; **ZANONI, MARIA VALNICE BOLDRIN**; PIVIDORI, MARIA ISABEL. Magneto-actuated immunoassay for the detection of Mycobacterium fortuitum in hemodialysis water. Talanta (Oxford). JCR, v.153, p.38 - 44, 2016. **Citações:** WEB OF SCIENCE 10 | SCOPUS 9

124. HUDARI, FELIPE FANTINATO; COSTA'FERREIRA, SERGIO LUIS; **Zanoni, Maria Valnice Boldrin**. Multi-responses Methodology Applied in the Electroanalytical Determination of Hair Dye by Using Printed Carbon Electrode Modified with Graphene. Electroanalysis (New York, N.Y.). JCR, v.28, p.1085 - 1092, 2016. **Citações:** WEB OF SCIENCE 6 | SCOPUS 7

125. SAYÃO, FABIANA A.; DA SILVA FLOR, JADER BARBOSA; FREM, REGINA CÉLIA GALVÃO; STULP, SIMONE; Cardoso, Juliano C.; **Zanoni, Maria V. B.**. Nitrite Reduction Enhancement on Semiconducting Electrode Decorated with Copper(II) Aspirinate Complex. Electrocatalysis (Print). JCR, v.7, p.486 - 494, 2016. **Citações:** WEB OF SCIENCE 2 | SCOPUS 3

126. VACCHI, FRANCINE INFORÇATO; OHE, P. C. V. D.; ALBUQUERQUE, A. F.; VENDEMIATTI, J. S.; AZEVEDO, C. J.; HONORIO, J. G.; SILVA, B. F.; **ZANONI, M.V.B.**; HENRY, T. B.; NOGUEIRA, A. J.; UMBUZEIRO, G. A.. Occurrence and risk assessment of an azo dye - The case of Disperse Red 1. Chemosphere (Oxford). JCR, v.156, p.95 - 100, 2016. **Citações:** WEB OF SCIENCE 50 | SCOPUS 55

127. CORRÊA, GLÁUCIA TINOCO; TANAKA, AURO ATSUCHI; PIVIDORI, MARIA ISABEL; **Zanoni, Maria Valnice Boldrin**. Use of a composite electrode modified with magnetic particles for electroanalysis of azo dye removed from dyed hair strands. Journal of Electroanalytical Chemistry. JCR, v.782, p.26 - 31, 2016. **Citações:** WEB OF SCIENCE 6 | SCOPUS 7

128. HUDARI, FELIPE FANTINATO; DA SILVA, BIANCA FERREIRA; PIVIDORI, MARIA ISABEL; **Zanoni, Maria Valnice Boldrin**. Voltammetric sensor based on magnetic particles modified composite electrode for determination of triamterene in biological sample. Journal of Solid State Electrochemistry (Print). JCR, v.20, p.2491 - 2501, 2016. **Citações:** WEB OF SCIENCE 12 | SCOPUS 11

129. FOGUEL, MARCOS V.; TON, XUAN-ANH; **ZANONI, MARIA V.B.**; SOTOMAYOR, MARIA DEL PILAR T.; HAUPT, KARSTEN; TSE SUM BUI, BERNADETTE. A molecularly imprinted polymer-based evanescent wave fiber optic sensor for the detection of basic red 9 dye. Sensors and Actuators. B, Chemical. JCR, v.218, p.222 - 228, 2015. **Citações:** WEB OF SCIENCE 39 | SCOPUS 48

130. GUARALDO, T. T.; BRITO, J. F.; WOOD, D.; **ZANONI, M. V. B.**. A New Si/TiO2/Pt p-n Junction Semiconductor to Demonstrate Photoelectrochemical CO2 Conversion. Electrochimica Acta. JCR, v.185, p.117 - 124, 2015. **Citações:** WEB OF SCIENCE 51 | SCOPUS 55

131. BESSEGATO, G. G.; BRITO, J. F.; BRUGNERA, M. F.; GUARALDO, T. T.; **Zanoni MVB**. Achievements and Trends in Photoelectrocatalysis: from Environmental to Energy Applications. Electrocatalysis (Print). JCR, v.6, p.415 - 441, 2015. **Citações:** WEB OF SCIENCE 206 | SCOPUS 232

132. Cardoso, Juliano Carvalho; LUCHIARI, N.; **Zanoni, Maria Valnice Boldrin**. Bubble annular photoeletrocatalytic reactor with TiO2 nanotubes arrays applied in the textile wastewater. Journal of Environmental Chemical Engineering. JCR, v.3, p.1177 - 1184, 2015. **Citações:** WEB OF SCIENCE 20 | SCOPUS 22

133. OLIVEIRA, R. A.; HUDARI, FELIPE FANTINATO; FRANCO, JEFFERSON HONORIO; **ZANONI, M. V. B.**. Carbon Nanotube-Based Electrochemical Sensor for the Determination of Anthraquinone Hair Dyes in Wastewaters. Chemosensors. JCR, v.3, p.22 - 35, 2015. **Citações:** WEB OF SCIENCE 9 | SCOPUS 14

134. BESSEGATO, GUILHERME GARCIA; Cardoso, Juliano Carvalho; SILVA, BIANCA FERREIRA DA; **Zanoni, Maria Valnice Boldrin**. Combination of photoelectrocatalysis and ozonation: A novel and powerful approach applied in acid yellow 1 mineralization. Applied Catalysis. B, Environmental (Print). JCR, v.180, p.161 - 168, 2015. **Citações:** WEB OF SCIENCE 53 | SCOPUS 59

135. VIANA, E. R. C.; BESSEGATO, G. G.; YAMANAKA, H.; **ZANONI, M. V. B.**. Determination of Quercetin by a Siloxane-Polyester/Poly-L-lysine Nanocomposite Modified Glassy Carbon Electrode. Analytical Letters. JCR, v.49, p.1398 - 1411, 2015. **Citações:** WEB OF SCIENCE 9 | SCOPUS 8

136. BESSEGATO, GUILHERME GARCIA; Cardoso, Juliano Carvalho; **Zanoni, Maria Valnice Boldrin**. Enhanced photoelectrocatalytic degradation of an acid dye with boron-doped TiO2 nanotube anodes. Catalysis Today (Print). JCR, v.240, p.100 - 106, 2015. **Citações:** WEB OF SCIENCE 106 | SCOPUS 120

137. Guaraldo, T.T.; GONÇALES, V.R.; SILVA, B.F.; DE TORRESI, S.I.C.; **ZANONI, M.V.B.**. Hydrogen production and simultaneous photoelectrocatalytic pollutant oxidation using a TiO2/WO3 nanostructured photoanode under visible light irradiation. Journal of Electroanalytical Chemistry. JCR, v.765, p.188 - 196, 2015. **Citações:** WEB OF SCIENCE 38 | SCOPUS 42

138. ALMEIDA, L. C.; SILVA, B. F.; **Zanoni MVB**. Photoelectrocatalytic/photoelectro-Fenton coupling system using a nanostructured photoanode for the oxidation of a textile dye: Kinetics study and oxidation pathway. Chemosphere (Oxford). JCR, v.136, p.63 - 71, 2015. **Citações:** WEB OF SCIENCE 50 | SCOPUS 56

139. BRITO, J. F.; ARAUJO, A. R.; RAJESHWAR, K.; **Zanoni, Maria Valnice Boldrin**. Photoelectrochemical reduction of CO2 on Cu/Cu2O films: Product distribution and pH effects. Chemical Engineering Journal (1996). JCR, v.264, p.302 - 309, 2015. **Citações:** WEB OF SCIENCE 114 | SCOPUS 122

140. FRANCISCON, E.; UMBUZEIRO, G.A.; **ZANONI, M. V. B.**; ZOCOLO, G. J.. Potential of a bacterial consortium to degrade azo dye Disperse Red 1 in a pilot scale anaerobic-aerobic reactor. Process Biochemistry (1991). JCR, v.50, p.816 - 825, 2015.

141. Chequer, Farah Maria Drumond; Lizier, Thiago Mescoloto; FELÍCIO, RAFAEL DE; **Zanoni, Maria Valnice Boldrin**; Debonsi, Hosana Maria; Lopes, Norberto Peporine; OLIVEIRA, DANIELLE PALMA DE. The azo dye disperse red 13 and its oxidation and reduction products showed mutagenic potential. Toxicology in Vitro. JCR, , p.1906 - 1915, 2015. **Citações:** WEB OF SCIENCE 37 | SCOPUS 43

142. CHEQUER, F. M. D.; ANTUNES, L. M. G.; VENANCIO, V.; PRADO, M. S.; LIZIER, T. M.; BIANCHI, M. L. P.; **Zanoni, Maria V. B.**. The cosmetic dye quinoline yellow causes DNA damage in vitro. Mutation Research. Genetic Toxicology and Environmental Mutagenesis. JCR, v.777, p.54 - 61, 2015. **Citações:** WEB OF SCIENCE 32 | SCOPUS 31

143. ZANONI, T. B.; HUDARI, F. F.; GODSCHALK, R. W.; HARTOG, G. J. M. D.; BAST, A.; **Zanoni MVB**; BARROS, S. B. M.; ENGLER, S. S. M.; HJAGEMAN, G. H.; OLIVEIRA, D. P.. The oxidation of p-phenylenediamine, an ingredient used for permanent hair dyeing purposes, leads to the formation of hydroxyl radicals: Oxidative stress and DNA damage in human immortalized keratinocytes. Toxicology Letters. JCR, v.239, p.194 - 204, 2015. **Citações:** WEB OF SCIENCE 50 | SCOPUS 55

144. **Zanoni, Maria V. B.**; SILVA, BIANCA FERREIRA; FRANCO, JEFFERSON. Using Ionic Liquid Combined with HPLC-DAD to Analyze Semi-Permanent Hair Dyes in Commercial Formulations. Analytical Methods (Print). JCR, v.7, p.1115 - 1122, 2015.

145. doi ZOCOLO, G. J.; UMBUZEIRO, G. A.; **ZANONI, M. V. B.**. Using SPE-LC-ESI-MS/MS Analysis to Assess Disperse Dyes in Environmental Water Samples. Journal of Chromatographic Science. JCR, , p.1 - 8, 2015. **Citações:** WEB OF SCIENCE℠ 43 | SCOPUS 46

146. doi SANTOS, T. C.; ZOCOLO, G. J.; MORALES, D. A.; UMBUZEIRO, G. A.; **ZANONI, M. V. B.**. Assessment of the breakdown products of solar/UV induced photolytic degradation of food dye tartrazine. Food and Chemical Toxicology. JCR, v.68, p.307 - 315, 2014. **Citações:** WEB OF SCIENCE℠ 38 | SCOPUS 37

147. doi DE ALMEIDA, LUCIO CÉSAR; DA SILVA, BIANCA FERREIRA; **Zanoni, Maria Valnice Boldrin**. Combined photoelectrocatalytic/electro-Fenton process using a Pt/TiO2NTs photoanode for enhanced degradation of an azo dye: A mechanistic study. Journal of Electroanalytical Chemistry. JCR, v.734, p.43 - 52, 2014. **Citações:** WEB OF SCIENCE℠ 23 | SCOPUS 23

148. doi ALMEIDA, LUCIO C.; **Zanoni, Maria V. B.**. Decoration of Ti/TiO $_2$ Nanotubes with Pt Nanoparticles for Enhanced UV-Vis Light Absorption in Photoelectrocatalytic Process. Journal of the Brazilian Chemical Society (Impresso). JCR, v.25, p.579 - 588, 2014. **Citações:** WEB OF SCIENCE℠ 47 | SCOPUS 51

149. doi SAYAO, F. A.; NUNEZ, L.; **ZANONI, M. V. B.**. Efficient Photoelectrochemical Reduction of Nitrite to Ammonium and Nitrogen Containing Gaseous Species Using Ti/TiO $_2$ Nanotube Electrodes. Journal of the Brazilian Chemical Society (Impresso). JCR, , p.1153 - 1160, 2014. **Citações:** WEB OF SCIENCE℠ 11 | SCOPUS 11

150. doi SANTOS, DANIELA P; TRINDADE, MAGNO A G; OLIVEIRA, RICARDO A G; OSUGI, MARLY E; BIANCHI, ALEX R; **ZANONI, MARIA V B**. Electrochemical method for quantitative determination of trace amounts of disperse dye in wastewater. Coloration Technology. JCR, v.130, p.43 - 47, 2014. **Citações:** WEB OF SCIENCE℠ 6 | SCOPUS 6

151. doi Trindade, Magno Aparecido Gonçalves; BILIBIO, UENDINARA; **Zanoni, Maria Valnice Boldrin**. Enhancement of voltammetric determination of quinizarine based on the adsorption at surfactant-adsorbed-layer in disposable electrodes. Fuel (Guildford). JCR, v.136, p.201 - 207, 2014. **Citações:** WEB OF SCIENCE℠ 18 | SCOPUS 18

152. BRITO, J. F.; SILVA, A. A.; CAVALHEIRO, A. J.; **Boldrin Zanoni, Maria Valnice**. Evaluation of the Parameters Affecting the Photoelectrocatalytic Reduction of CO2 to CH3OH at Cu/Cu2O Electrode. International Journal of Electrochemical Science (Online). JCR, v.9, p.5961 - 5973, 2014.

153. doi LEME, DANIELA MORAIS; DE OLIVEIRA, GISELE AUGUSTO RODRIGUES; MEIRELES, GABRIELA; DOS SANTOS, TUANE CRISTINA; **Zanoni, Maria Valnice Boldrin**; de Oliveira, Danielle Palma. Genotoxicological assessment of two reactive dyes extracted from cotton fibres using artificial sweat. Toxicology in Vitro. JCR, v.28, p.31 - 38, 2014. **Citações:** WEB OF SCIENCE℠ 30 | SCOPUS 32

154. doi ZANONI, THALITA B.; SILVA DE PAULA, ELOÍSA; Zocolo, Guilherme Julião; **Zanoni, Maria Valnice B.**; PALMA DE OLIVEIRA, DANIELLE. Identification of Sudan III-(deoxy)-guanosine adducts formed in situ in a reaction with no catalyst. Toxicological and Environmental Chemistry (Print). JCR, v.10, p.1 - 12, 2014. **Citações:** WEB OF SCIENCE℠ 1 | SCOPUS 1

155. doi Brugnera, Michelle Fernanda; MIYATA, MARCELO; LEITE, CLARICE QUEICO FUJIMURA; **ZANONI, M. V. B.**. Silver ion release from electrodes of nanotubes of TiO2 impregnated with Ag nanoparticles applied in photoelectrocatalytic disinfection. Journal of Photochemistry and Photobiology. A, Chemistry. JCR, v.278, p.1 - 8, 2014. **Citações:** WEB OF SCIENCE℠ 35 | SCOPUS 39

156. doi OLIVEIRA, R. A. G.; ZANONI, T. B.; BESSEGATO, G. G.; OLIVEIRA, D. P.; UMBUZEIRO, G. A.; **Boldrin Zanoni, Maria Valnice**. THE CHEMISTRY AND TOXICITY OF HAIR DYES. Química Nova (Impresso). JCR, v.37, p.1037 - 1046, 2014. **Citações:** WEB OF SCIENCE℠ 21 | SCOPUS 21

157. doi HUDARI, FELIPE FANTINATO; DE ALMEIDA, LUCIO CÉSAR; DA SILVA, BIANCA FERREIRA; **Zanoni, Maria Valnice Boldrin**. Voltammetric sensor for simultaneous determination of p-phenylenediamine and resorcinol in permanent hair dyeing and tap water by composite carbon nanotubes/chitosan modified electrode. Microchemical Journal (Print). JCR, v.116, p.261 - 268, 2014. **Citações:** WEB OF SCIENCE℠ 49 | SCOPUS 53

158. doi Brugnera, Michelle Fernanda; LEITE, CLARICE QUEICO FUJIMURA; MIYATA, MARCELO; **ZANONI, M. V. B.**. A photoelectrocatalytic process that disinfects water contaminated with Mycobacterium kansasii and Mycobacterium avium. Water Research (Oxford). JCR, v.47, p.6596 - 6605, 2013. **Citações:** WEB OF SCIENCE℠ 38 | SCOPUS 40

159. doi VACCHI, FRANCINE INFORÇATO; ALBUQUERQUE, ANJAINA FERNANDES; VENDEMIATTI, JOSIANE APARECIDA; MORALES, DANIEL ALEXANDRE; ORMOND, ALEXANDRA B.; FREEMAN, HAROLD S.; Zocolo, Guilherme Julião; **Zanoni, Maria Valnice Boldrin**; UMBUZEIRO, GISELA. Chlorine disinfection of dye wastewater: Implications for a commercial azo dye mixture. Science of the Total Environment. JCR, v.442, p.302 - 309, 2013. **Citações:** WEB OF SCIENCE℠ 55 | SCOPUS 60

160. doi ZANONI, T. B.; LIZIER, T. M.; ASSIS, M. D.; OLIVEIRA, D. P.; **ZANONI, M. V. B.**. CYP-450 isoenzymes catalyze the generation of hazardous aromatic amines after reaction with the azo dye Sudan III. Food and Chemical Toxicology. JCR, v.57, p.217 - 226, 2013. **Citações:** WEB OF SCIENCE℠ 27 | SCOPUS 27

161. doi NUNEZ, L.; VALLE, M.; **Zanoni MVB**. Development and application of an electronic tongue for detection and monitoring of nitrate, nitrite and ammonium levels in waters. Microchemical Journal (Print). JCR, v.110, p.273 - 279, 2013. **Citações:** WEB OF SCIENCE℠ 70 | SCOPUS 75

162. doi Bergamini, Márcio F.; **Zanoni MVB**. Electrochemical behavior and voltammetric determination of pyrazinamide using a poly-histidine modified electrode. Journal of Electroanalytical Chemistry (1992). JCR, v.690, p.47 - 52, 2013. **Citações:** WEB OF SCIENCE℠ 47 | SCOPUS 49

163. doi BESSEGATO, GUILHERME GARCIA; Cardoso, Juliano Carvalho; SILVA, BIANCA FERREIRA DA; **Zanoni, Maria Valnice Boldrin**. Enhanced photoabsorption properties of composites of Ti/TiO2 nanotubes decorated by Sb2S3 and improvement of degradation of hair dye. Journal of Photochemistry and Photobiology. A, Chemistry. JCR, v.276, p.96 - 103, 2013. **Citações:** WEB OF SCIENCE℠ 42 | SCOPUS 44

164. doi OLIVEIRA, R. A.; **ZANONI, M. V. B.**. Highly Ordered TiO $_2$ Nanotubes for Electrochemical Sensing of Hair Dye Basic Brown 17. Electroanalysis (New York, N.Y.). JCR, v.25, p.2507 - 2514, 2013. **Citações:** WEB OF SCIENCE℠ 10 | SCOPUS 9

165. F.M.M. PAschoal; NUNEZ, L.; LANZA, M. R. V.; **Zanoni MVB**. Nitrate Removal on a Cu/Cu2O Photocathode under UV Irradiation and Bias Potential. Journal of AOTs. Advanced Oxidation Technologies. JCR, v.16, p.63 - 70, 2013.

166. doi Guaraldo, T.T.; TORRESI, S. I. C.; ZANONI, T. B.; Oliveira, D.P.; **ZANONI, M. V. B.**. On the application of nanostructured electrodes prepared by Ti/TiO2/WO3 -template-: A case study of removing toxicity of indigo using visible irradiation. Chemosphere (Oxford). JCR, v.91, p.586 - 593, 2013. **Citações:** WEB OF SCIENCE℠ 42 | SCOPUS 44

167. FERRAZ, E. R.; **Zanoni MVB**; LIZIER, T. M.; DE OLIVEIRA, DANIELLE P.. Photoelectrocatalysis based on Ti/TiO2 nanotubes removes toxic properties of the azo dyes Disperse Red 1, Disperse Red 13 and Disperse Orange 1 from aqueous chloride samples. Journal of Environmental Management. JCR, v.124, p.108 - 114, 2013.

168. doi FRAGA, LUCIANO EVANGELISTA; FRANCO, JEFFERSON HONORIO; ORLANDI, MARCELO ORNAGHI; **Zanoni, Maria Valnice Boldrin**. Photoelectrocatalytic oxidation of hair dye basic red 51 at W/WO3/TiO2 bicomposite photoanode activated by ultraviolet and visible radiation. Journal of Environmental Chemical Engineering. v.1, p.194 - 199, 2013.

169. doi GUARALDO, T. T.; **Zanoni MVB**. Photoelectrochemical Hydrogen Generation and Concomitant Organic Dye Oxidation under TiO2 Nanotube. ECS Transactions (Online). v.50, p.63 - 70, 2013.

170. BRUGNERA, M. F.; LEITE, C. Q.; **ZANONI, M. V. B.**. Sensitive Voltammetric Sensor for Fast Detection of Mycolic Acids Present in Mycobacteria. International Journal of Electrochemical Science (Online). JCR, v.8, p.6591 - 6602, 2013.

171. doi Brugnera, Michelle Fernanda; MIYATA, MARCELO; Zocolo, Guilherme Julião; LEITE, CLARICE QUEICO FUJIMURA; **Zanoni, Maria Valnice Boldrin**. Ti/TiO $_2$ nanotubes enhance *Mycobacterium fortuitum* , *Mycobacterium chelonae* and *Mycobacterium abscessus* inactivation in water. Journal of Chemical Technology and Biotechnology (1986). JCR, v.89, p.n/a - n/a, 2013. **Citações:** WEB OF SCIENCE℠ 8 | SCOPUS 11

172. doi de Oliveira, Rafael Leite; Anderson, Marc A.; Umbuzeiro, Gisela de Aragão; Zocolo, Guilherme Julião; **Zanoni, Maria Valnice Boldrin**. Assessment of by-products of chlorination and photoelectrocatalytic chlorination of an azo dye. Journal of Hazardous Materials (Print). JCR, v.205-206, p.1 - 9, 2012. **Citações:** WEB OF SCIENCE 10 | SCOPUS 10

173. Trindade, Magno Aparecido Goncalves; **ZANONI, M. V. B.**. Determinação eletroanalítica e cromatográfica do corante solvente azul 14 em amostras de combustíveis. Analytica (São Paulo). v.11, p.94 - 103, 2012.

174. doi Lizier, Thiago Mescoloto; **Boldrin Zanoni, Maria Valnice**. Effect of Ionic Liquid on the Determination of Aromatic Amines as Contaminants in Hair Dyes by Liquid Chromatography Coupled to Electrochemical Detection. Molecules (Basel. Online). JCR, v.17, p.7961 - 7979, 2012. **Citações:** WEB OF SCIENCE 24 | SCOPUS 27

175. Lizier, T.M.; ZANONI, T. B.; Oliveira, D.P.; **ZANONI, M. V. B.**. Electrochemical reduction as a powerful tool to highlight the possible formation of byproducts more toxic than sudan III dye. International Journal of Electrochemical Science (Online). JCR, v.7, p.7784 - 7796, 2012.

176. doi Cardoso, Juliano C.; Grimes, Craig A.; Feng, Xinjian; Zhang, Xiaoyan; Komarneni, Sridhar; **Zanoni, Maria V. B.**; Bao, Ningzhong. Fabrication of coaxial TiO2/Sb2S3 nanowire hybrids for efficient nanostructured organic¿inorganic thin film photovoltaics. Chemical Communications (London. 1996. Print). JCR, v.48, p.2818 - 2820, 2012. **Citações:** WEB OF SCIENCE 72 | SCOPUS 71

177. doi Brugnera, Michelle Fernanda; MIYATA, MARCELO; Zocolo, Guilherme Julião; LEITE, CLARICE QUEICO FUJIMURA; **Zanoni, Maria Valnice Boldrin**. Inactivation and disposal of by-products from Mycobacterium smegmatis by photoelectrocatalytic oxidation using Ti/TiO2-Ag nanotube electrodes. Electrochimica Acta. JCR, v.85, p.33 - 41, 2012. **Citações:** WEB OF SCIENCE 22 | SCOPUS 24

178. BATISTA, J.; ZOCOLO, G.; KATO, M.; FURLAN, M.; **Zanoni MVB**. Protein and metabolic profiles of peperomia obstusifolia (Piperaceae). Planta Medica. JCR, v.78, p.1067, 2012.

179. doi Chequer, Farah Maria Drumond; VENÂNCIO, VINÍCIUS DE PAULA; MESCOLOTO LIZIER, THIAGO; **Zanoni, Maria Valnice Boldrin**; BIANCHI, MARIA LOURDES PIRES; Antunes, Lusânia Maria Greggi. The Food Dye Quinoline Yellow and Its Metabolites Can Cause DNA Damage on HepG2 Cells. Free Radical Biology & Medicine. JCR, v.53, p.S83, 2012.

180. doi Chequer, Farah Maria Drumond; de Palma Venâncio, Vinícius; **Zanoni, Maria Valnice Boldrin**; de Lourdes Pires Bianchi, Maria; Antunes, Lusânia Maria Greggi. The food dye quinoline yellow can exerce mutagenic effects in human cells. Toxicology Letters. JCR, v.211, p.S70 - S71, 2012.

181. doi Chequer, Farah Maria Drumond; Lizier, Thiago Mescoloto; de FelÃcio, Rafael; **Zanoni, Maria Valnice Boldrin**; Debonsi, Hosana Maria; Lopes, Norberto Peporine; Marcos, Ricard; de Oliveira, Danielle Palma. Analyses of the genotoxic and mutagenic potential of the products formed after the biotransformation of the azo dye Disperse Red 1. Toxicology in Vitro. JCR, v.25, p.2054 - 2063, 2011. **Citações:** WEB OF SCIENCE 90 | SCOPUS 103

182. doi Oliveira, G.A.R.; Ferraz, E.R.A.; Leme, D.M.; Li, Z.; Urban, J.; Oliveira, D.P.; ZANONI, M. V. B.; **ZANONI, M. V. B.**. Assays of cytotoxicity and mutagenicity as a tool for assessment of consumer exposed to textile dyes. Toxicology Letters. JCR, v.205, p.S107, 2011. **Citações:** WEB OF SCIENCE 1

183. Zanoni, M. V. B.; de-Almeida, G.; Umbuzeiro, G. A.; Caloto-Oliveira, A.; Chequer, F. M. D.; Ferraz, E. R. A.; Dorta, D. J.; OLIVEIRA, D. P.; **Zanoni MV**. Differential toxicity of Disperse Red 1 and Disperse Red 13 in the Ames test, HepG2 cytotoxicity assay, and Daphnia acute toxicity test. Environmental Toxicology (Print). JCR, v.26, p.489, 2011.

184. Trindade, Magno Aparecido Goncalves; STRADIOTTO, N. R.; **ZANONI, M. V. B.**. Dyes Markers: LEGISLATION AND ANALYTICAL METHODS FOR DETECTION. QUIMICA NOVA. JCR, v.34, p.1683 - 1691, 2011.

185. doi Guaraldo, T.T.; Pulcinelli, S.H.; Zanoni, M.V.B.; **ZANONI, M. V. B.**. Influence of particle size on the photoactivity of Ti/TiO2 thin film electrodes, and enhanced photoelectrocatalytic degradation of indigo carmine dye. Journal of Photochemistry and Photobiology. A, Chemistry. JCR, v.217, p.259 - 266, 2011. **Citações:** WEB OF SCIENCE 39 | SCOPUS 46

186. doi Santos, Daniela P.; Ruiz, M. Adolfina; Gallardo, Visitación; **Zanoni, Maria Valnice B.**; Arias, José L.. Multifunctional antitumor magnetite/chitosan-l-glutamic acid (core/shell) nanocomposites. Journal of Nanoparticle Research. JCR, v.13, p.4311 - 4323, 2011. **Citações:** WEB OF SCIENCE 23 | SCOPUS 28

187. FRAGA, L. E.; **ZANONI, M. V. B.**. Nanoporous of W/WO3 thin film electrode grown by electrochemical anodization applied in the photoelectrocatalytic oxidation of the basic red 51 used in hair dye. Journal of the Brazilian Chemical Society (Impresso). JCR, v.22, p.718 - 725, 2011.

188. SANTOS, D. P.; BERGAMINI, M. F.; **ZANONI, M. V. B.**. Approach on the electrochemical reactivity of poly-L-glutamic acid against doxorubicin and its application in the development of a voltammetric sensor. International Journal of Electrochemical Science (Online). JCR, v.5, p.1399 - 1410, 2010.

189. doi Carneiro, Patricia A.; Umbuzeiro, Gisela A.; Oliveira, Danielle P.; **Zanoni, Maria Valnice B.**. Assessment of water contamination caused by a mutagenic textile effluent/dyehouse effluent bearing disperse dyes. Journal of Hazardous Materials (Print). JCR, v.174, p.694 - 699, 2010. **Citações:** WEB OF SCIENCE 355 | SCOPUS 392

190. doi Brugnera, Michelle Fernanda; Rajeshwar, Krishnan; Cardoso, Juliano C.; **Zanoni, Maria Valnice Boldrin**. Bisphenol A removal from wastewater using self-organized TIO2 nanotubular array electrodes. Chemosphere (Oxford). JCR, v.78, p.569 - 575, 2010. **Citações:** WEB OF SCIENCE 107 | SCOPUS 118

191. doi Oliveira, G.A.R.; Ferraz, E.R.A.; Chequer, F.M.D.; Grando, M.D.; Angeli, J.P.F.; Tsuboy, M.S.; Marcarini, J.C.; Mantovani, M.S.; Osugi, M.E.; Lizier, T.M.; **ZANONI, M. V. B.**. Chlorination treatment of aqueous samples reduces, but does not eliminate, the mutagenic effect of the azo dyes Disperse Red 1, Disperse Red 13 and Disperse Orange 1. Mutation Research. Genetic Toxicology and Environmental Mutagenesis. JCR, v.703, p.200 - 208, 2010. **Citações:** WEB OF SCIENCE 68 | SCOPUS 75

192. doi Brugnera, Michelle Fernanda; Trindade, Magno Aparecido Goncalves; **Zanoni, Maria Valnice Boldrin**. Detection of Bisphenol A on a Screen-Printed Carbon Electrode in CTAB Micellar Medium. Analytical Letters. JCR, v.43, p.2823 - 2836, 2010. **Citações:** WEB OF SCIENCE 32 | SCOPUS 33

193. TRINDADE, M.; RINALDO, D.; VILEGAS, W.; **ZANONI, M. V. B.**. Determination of azo and anthraquinone dyes in fuels sample using HPLC with electrochemical detection. Química Nova (Impresso). JCR, v.33, p.146 - 150, 2010.

194. doi Bergamini, Márcio F.; Santos, Daniela P.; **Zanoni, Maria Valnice B.**. Determination of isoniazid in human urine using screen-printed carbon electrode modified with poly-l-histidine. Bioelectrochemistry (Amsterdam). JCR, v.77, p.133 - 138, 2010. **Citações:** WEB OF SCIENCE 84 | SCOPUS 86

195. TRINDADE, M.; **ZANONI, M. V. B.**; MATYSIK, F. M.. Determination of water insoluble dyes used as marking of commercial petroleum products using high-performance liquid chromatography with electrochemical detection. Electroanalysis (New York, N.Y.). JCR, v.22, p.955 - 962, 2010.

196. TRINDADE, M.; **ZANONI, M. V. B.**; MATYSIK, F. M.. Development of an HPLC-UV/Vis method for the determination of dyes in a gasoline sample employing different pre-treatments. Fuel (Guildford). JCR, v.89, p.2463 - 2467, 2010.

197. doi Ferraz, E. R. A.; Umbuzeiro, G. A.; de-Almeida, G.; Caloto-Oliveira, A.; Chequer, F. M. D.; **ZANONI, M. V. B.**; Dorta, D. J.; OLIVEIRA, D. P.. Differential toxicity of Disperse Red 1 and Disperse Red 13 in the Ames test, HepG2 cytotoxicity assay, and Daphnia acute toxicity test. Environmental Toxicology (Print). JCR, v.x, p.NA - NA, 2010. **Citações:** WEB OF SCIENCE 92 | SCOPUS 107

198. doi Aparecida de Freitas, Vânia; Pereira dos Santos, Daniela; Castro-Gamboa, Ian; **Zanoni, Maria Valnice Boldrin**; Furlan, Maysa. Evaluation of Antioxidant Capacity and Synergistic Associations of Quinonemethide Triterpenes and Phenolic Substances from Maytenus ilicifolia (Celastraceae). Molecules (Basel. Online). JCR, v.15, p.6956 - 6973, 2010. **Citações:** WEB OF SCIENCE 36 | SCOPUS 39

199. ZANONI, T. B.; CARDOSO, A. A.; **ZANONI, M. V. B.**; FERREIRA, A. A. P.. Exploratory study on sequestration of some essential metals by indigo carmine food dye. Brazilian Journal of Pharmaceutical Sciences (online). JCR, v.46, p.723 - 730, 2010.

200. doi Cardoso, Juliano Carvalho; Lizier, Thiago Mescoloto; **Zanoni, Maria Valnice Boldrin**. Highly ordered TiO2 nanotube arrays and photoelectrocatalytic oxidation of aromatic amine. Applied Catalysis. B, Environmental. JCR, v.99, p.96 - 102, 2010. **Citações:** WEB OF SCIENCE 75 | SCOPUS 87

201. CARNEIRO, P. A.; UMBUZEIRO, G.A.; OLIVEIRA, D. P.; **ZANONI, M. V. B.**. Mutagenic acticity removal of selected disperse dye by photoelectrocatalytic treatment. Journal of Applied Electrochemistry. JCR, v.40, p.485 - 492, 2010.

202. doi Silva, Milady R.A.; Vilegas, Wagner; **Zanoni, Maria Valnice B.**; Pupo Nogueira, Raquel F.. Photo-Fenton degradation of the herbicide tebuthiuron under solar irradiation: Iron complexation and initial intermediates. Water Research (Oxford). JCR, v.44, p.3745 - 3753, 2010. **Citações:** WEB OF SCIENCE 45 | SCOPUS 47

203. doi Esbenshade, Jennifer Lynne; Cardoso, Juliano Carvalho; **ZANONI, M. V. B.**. Removal of sunscreen compounds from swimming pool water using self-organized TiO2 nanotubular array electrodes. Journal of Photochemistry and Photobiology. A, Chemistry. JCR, , p.257 - 263, 2010. **Citações:** WEB OF SCIENCE 24 | SCOPUS 26

204. TRINDADE, M.; MATYSIK, F. M.; **ZANONI, M. V. B.**. Sensitive Method for Determination of Water Insoluble Dyes Used. Electroanalysis (New York). JCR, v.22, p.955 - 962, 2010.

205. SANTOS, D. P.; Brunelli, T.F.T.; BIANCHI, A. R.; **ZANONI, M. V. B.**. Simple Electroanalytical Method for Determination of guanosine in biological sample. analytical and bioanalytical electrochemistry. JCR, v.2, p.202 - 211, 2010.

206. CARDOSO, J. C.; **ZANONI, M. V. B.**. STRUCTURAL EFFECTS OF NANOTUBES, NANOWIRES AND NANOPOROUS Ti/TiO2 ELECTRODES ON PHOTOELECTROCATALYTIC OXIDATION OF 4,4-OXYDIANILINE. Separation Science and Technology (Print). JCR, v.45, p.1628 - 1636, 2010.

207. **ZANONI, M. V. B.**; ROGERS, E. I.; HARDACRE, C.; COMPTON R. G.. The electrochemical reduction of the purines guanine and adenine at platinum electrodes in several room temperature ionic liquids. Analytica Chimica Acta (Print). JCR, v.659, p.115 - 121, 2010.

208. doi Paschoal, Fabiana Maria Monteiro; Pepping, Greg; Zanoni, Maria Valnice Boldrin; Anderson, Marc A.; **ZANONI, M. V. B.**. Photoelectrocatalytic Removal of Bromate Using Ti/TiO $_2$ Coated as a Photocathode . Environmental Science & Technology. JCR, v.43, p.7496 - 7502, 2009. **Citações:** WEB OF SCIENCE 54 | SCOPUS 57

209. doi ROMANINI, D. C.; TRINDADE, M. J.; **ZANONI, M. V. B.**. A simple electroanalytical method for the analysis of the dye solvent orange 7 in fuel ethanol. Fuel (Guildford). JCR, v.88, p.105 - 109, 2009. **Citações:** WEB OF SCIENCE 18 | SCOPUS 18

210. doi OSUGI, MARLY E.; FERRAZ, ELISA R.A.; DE OLIVEIRA, DANIELLE P.; **Zanoni, Maria Valnice B.**; ARAÃºJO, Ã'NGELA R.; Rajeshwar, Krishnan. Comparison of oxidation efficiency of disperse dyes by chemical and photoelectrocatalytic chlorination and removal of mutagenic activity. Electrochimica Acta. JCR , v.54, p.2086 - 2093, 2009. **Citações:** WEB OF SCIENCE 101 | SCOPUS 109

211. doi FRAGA, L. E.; BEATRIZ, M. L. P. M. A.; ANDERSON, M. A.; PASCHOAL, F.; **ZANONI, M. V. B.**. Evaluation of the photoelectrocatalytic method for oxidizing chloride and simultaneous removal of microcystin toxins in surface waters. Electrochimica Acta. JCR, v.54, p.2069 - 2076, 2009. **Citações:** WEB OF SCIENCE 49 | SCOPUS 62

212. FRAGA, L. E.; **ZANONI, M. V. B.**. photoelectrocatalytical degradation of basic blue 41 dye using nanoporous semiconductor Ti/TiO2. Eclética Química (UNESP. Araraquara. Impresso). v.34, p.27 - 36, 2009.

213. ZANONI, M. V. B.; Brunelli, T.F.T.; GUARALDO, T. T.; PASCHOAL, F.. Photoelectrochemical degradation of disperse dyes in textile effluent on photoanodes of Ti/TiO2. Química Nova (Impresso). JCR, v.32, p.67 - 71, 2009.

214. doi Bergamini, Márcio F.; Santos, Daniela P.; **Zanoni, Maria Valnice B.**. Screen-printed carbon electrode modified with poly-L-histidine applied to gold(III) determination. Journal of the Brazilian Chemical Society (Impresso). JCR, v.20, p.100 - 106, 2009.

215. doi Paschoal, Fabiana Maria Monteiro; Anderson, Marc A.; **ZANONI, M. V. B.**. Simultaneous removal of chromium and leather dye from simulated tannery effluent by photoelectrochemistry. Journal of Hazardous Materials. JCR, v.166, p.531 - 537, 2009. **Citações:** WEB OF SCIENCE 76 | SCOPUS 89

216. doi Paschoal, Fabiana M.M.; Anderson, Marc. A.; **Zanoni, Maria Valnice B.**. The photoelectrocatalytic oxidative treatment of textile wastewater containing disperse dyes. Desalination (Amsterdam). JCR, v.249, p.1350 - 1355, 2009. **Citações:** WEB OF SCIENCE 44 | SCOPUS 54

217. **ZANONI, M. V. B.**; ROGERS, E. I.; HARDACRE, C.; COMPTON R. G.. Using room temperature ionic liquids as solvents to probe structural effects in electro-reduciton processes. Electrochemical behavior of mutagenic disperse nitroazo dyes in room temperature ionic liquids. International Journal of Electrochemical Science. JCR, v.4, p.1607 - 1627, 2009.

218. doi Trindade, Magno Aparecido Gonçalves; **Zanoni, Maria Valnice Boldrin**. Voltammetric sensing of the fuel dye marker Solvent Blue 14 by screen-printed electrodes. Sensors and Actuators. B, Chemical. JCR, v.138, p.257 - 263, 2009. **Citações:** WEB OF SCIENCE 21 | SCOPUS 22

219. doi ZANONI, M. V. B.; PEREIRA, F. C.. Electrochemical Reduction of Nitroprusside on a Glassy Carbon Electrode Modified by Poly-L-lysine Films. Journal of Solid State Electrochemistry. JCR, v.12, p.63 - 70, 2008. **Citações:** WEB OF SCIENCE 8 | SCOPUS 6

220. doi RAJESHWAR, K.; Osugi, M.E.; Chanmanee, W.; Chenthamarakshan, C.R.; Zanoni, M.V.B.; Kajitvichyanukul, P.; Krishnan-Ayer, R.; **ZANONI, M. V. B.**. Heterogeneous photocatalytic treatment of organic dyes in air and aqueous media. Journal of Photochemistry and Photobiology. C, Photochemistry Reviews. JCR, v.9, p.171 - 192, 2008. **Citações:** WEB OF SCIENCE 686 | SCOPUS 741

221. doi Paschoal, Fabiana M. M.; Anderson, Marc A.; **Zanoni, M. Valnice B.**. Photoeletrocatalytic oxidation of anionic surfactant used in leather industry on nanoporous Ti/TiO2 eletrodes. Journal of the Brazilian Chemical Society (Impresso). JCR, v.19, p.00 - 00, 2008.

222. doi SANTOS, D. P.; ZANONI, M. V. B.; A.M.O.Brett; BERGAMINI, M. F.; DICULESCU, V. C.. Poly Glutamic Acid Nanofibre Modified Glassy Carbon Electrode: Characterization by Atomic Force Microscopy, Voltammetry and Electrochemical Impedance. Electrochimica Acta. JCR, v.53, p.3991 - 4000, 2008. **Citações:** WEB OF SCIENCE 53 | SCOPUS 54

223. OSUGI, M. E.; ZANONI, M. V. B.; RAJESHWAR, K.; CHENTHAMARAKSHAN, C. R.. Toxicity Assessment and Degradation of Disperse Azo Dyes by Photoelectrocatalytic Oxidation on Ti/TiO2 Nanotubular Array Electrodes.. Journal of Advanced Oxidation Technologies. JCR, v.11, p.425 - 434, 2008.

224. doi SANTOS, D. P.; BERGAMINI, M. F.; **ZANONI, M. V. B.**. Voltammetric sensor for amoxicillin determination in human urine using polyglutamic acid/glutaraldehyde film. Sensors and Actuators. B, Chemical. JCR, v.133, p.398 - 403, 2008. **Citações:** WEB OF SCIENCE 68 | SCOPUS 75

225. doi TRINDADE, M; FERREIRA, V; **ZANONI, M**. A square-wave voltammetric method for analysing the colour marker quinizarine in petrol and diesel fuels. Dyes and Pigments. JCR, v.74, p.566 - 571, 2007. **Citações:** WEB OF SCIENCE 19 | SCOPUS 21

226. doi Pereira, Francisco Claudece; **Zanoni, Maria Valnice Boldrin**; Moretto, Ligia Maria; Ugo, Paolo. Características ópticas e morfológicas de nanoestruturas de ouro. Química Nova (Impresso). JCR, v.30, p.1550 - 1554, 2007.

227. OLIVEIRA, D. P.; CARNEIRO, P. A.; M.K. Sakagami; ZANONI, M. V. B.; UMBUZEIRO, G.A.. Chemical characterization of a dye processing plant effluent- Identification of the mutagenic components. Mutation Research. Genetic Toxicology and Environmental Mutagenesis. JCR, v.626, p.135 - 142, 2007.

228. doi ZANONI, M. V. B.; BERGAMINI, M. F.; SANTOS, D. P.. Development of a voltammetric sensor for chromium (VI) determination in wastewater sample. Sensors and Actuators. B, Chemical. JCR, v.123, p.902 - 908, 2007. **Citações:** WEB OF SCIENCE 80 | SCOPUS 83

229. ZANONI, M. V. B.; OLIVEIRA, F. H.; OSUGI, M. E.; OLIVI, P.; PROFETI, D.; F.M.M. PAschoal. ELECTROCHEMICAL OXIDATION OF AN ACID DYE BY ACTIVE CHLORINE GENERATED USING Ti/Sn(1-X)IrXO2 ELECTRODES.. Journal of Applied Electrochemistry. JCR, v.37, p.583 - 592, 2007.

230. doi ZANONI, M. V. B.; BERGAMINI, M. F.; STRADIOTTO, N. R.; SANTOS, A. L.. Flow injection amperometric determination of procaine in pharmaceutical formulation using a screen printed carbon electrode. Journal of Pharmaceutical and Biomedical Analysis. JCR, v.43, p.315 - 319, 2007. **Citações:** WEB OF SCIENCE 42 | SCOPUS 43

231. CARNEIRO, P. A.; NOGUEIRA, R. F. P.; **ZANONI, M. V. B.**. Homogeneous photodegradation of C.I. Reactive blue 4 using a photo-Fenton process under artificial and solar irradiation. Dyes and Pigments. JCR, v.74, p.127 - 132, 2007. **Citações:** WEB OF SCIENCE 163 | SCOPUS 177

232. ZANONI, M. V. B.; SANTOS, D. P.; FURLAN, M.; SANTOS, V. A. F. F. M.. Preconcentration of Rutin at a Poly Glutamic Acid Modified Electrode and its Determination by Square Wave Voltammetry. Analytical Letters. JCR, v.40, p.3430 - 3442, 2007.

233. ZANONI, M. V. B.; TRINDADE, M.. Square-Wave Voltammetry applied to the analysis of the dye marker, solvent blue 14, in kerosene and fuel alcohol. Electroanalysis (New York). JCR, v.19, p.1901 - 1907, 2007.

234. PEREIRA, F. C.; **ZANONI, M. V. B.**. Voltammetric sensor for sodium nitroprusside determination in biological fluids using films of poly-L-lysine. Electroanalysis (New York). JCR, v.19, p.993 - 998, 2007.

235. MAZZO, T. M.; SACZK, A. A.; UMBUZEIRO, G.A.; **ZANONI, M. V. B.**. Analysis of aromatic amines in surface waters receiving wastewater from a textile industry by liquid chromatographic with electrochemical detection. Analytical Letters. JCR, v.39, p.2671 - 2685, 2006.

236. ZANONI, M. V. B.; BERGAMINI, M. F.. Anodic stripping voltammetric determination of aurothiomalate in urine using a screen printed carbon electrode.. Electroanalysis (New York). JCR, v.18, p.1457 - 1462, 2006. **Citações:** WEB OF SCIENCE 10 | SCOPUS 9

237. PEREIRA, F. C.; ZANONI, M. V. B.; MORETTO, L. M.; UGO, P.; BERGAMO, E. P.. Aplicações de nanoeletrodo como sensores na química analítica.. Química Nova. JCR, v.29, p.1054 - 1060, 2006.

238. ZANONI, M. V. B.; ROSADO, W.; J. L. PITELLI; CARNEIRO, P. A.; FOGG, A. G.. Application of voltammetric technique to the analysis of indanthrene dye in alkaline solution. Dyes and Pigments. JCR, v.68, p.19 - 25, 2006.

239. PEREIRA, F. C.; BERGAMO, E. P.; ZANONI, M. V. B.; MORETTO, L. M.; UGO, P.. Applications of nanoelectrodes as sensors in analytical chemistry. Química Nova. JCR, v.29, p.1054 - 1060, 2006.

240. ZANONI, M. V. B.; ASSIS, M. D.; BARROS, V. P.. Characterization of electrodes chemically modified with Mn(III) phorphyrin/polypyrrole films as catalytic surfaces for the oxidation of an azo dye.. Journal of Porphyrins and Phthalocyanines. JCR, v.10, p.962 - 970, 2006.

241. SACZK, A. A.; OKUMURA, L. L.; OLIVEIRA, M. F.; ZANONI, M. V. B.; STRADIOTTO, N. R.. Determination of aldehydes and ketones in fuel ethanol by high performance liquid chromatography with electrochemical detection. Chromatographia (Wiesbaden). JCR, v.63, p.45 - 51, 2006.

242. RODGHER, V. S.; OKUMURA, L. L.; SACZK, A. A.; STRADIOTTO, N. R.; **ZANONI, M. V. B.**. Electroanalysis and determination of acetaldehyde in fuel ethanol using the reaction with 2,4-dinitrophenylhydrazine. Journal of Analytical Chemistry (Moscow). JCR, v.61, p.889 - 895, 2006.

243. VIANA, E. R. C.; PEREIRA, F. C.; **ZANONI, M. V. B.**. Electrochemical reduction and determination of cibacron blue F3GA at poly-l-lysine modified glassy carbon electrode. Dyes and Pigments. JCR, v.71, p.145 - 152, 2006.

244. ZANONI, M. V. B.; STRADIOTTO, N. R.; RODGHER, V. S.; BARROS, A. A.. Eletroanálise de derivados acetaldeído com hidrazina e determinação em amostras de alcool combustível por voltametria de onda quadrada.. Química Nova. JCR, v.29, p.662 - 665, 2006.

245. M.F. Brugnera; SANTOS, D. P.; **ZANONI, M. V. B.**. Eletrodo modificado com filme de poli aminoácido para determinação de hidrazina em água de caldeira. Eclética Química (Araraquara). v.31, p.63 - 68, 2006.

246. PEREIRA, F. C.; MORETTO, L. M.; DE LEO, M.; ZANONI, M. V. B.; UGO, P.. Gold nanoelectrode ensembles for direct trace electroanalysis of iodide.. Analytica Chimica Acta. JCR, v.575, p.16 - 24, 2006.

247. OLIVEIRA, D. P.; CARNEIRO, P. A.; RECH, C. M.; ZANONI, M. V. B.; CLAXTON, L. D.; UMBUZEIRO, G.A.. Mutagenic compounds generated from the chlorination of disperse azo-dyes and their presence in drinking water. Environmental Science & Technology. JCR, v.40, p.6682 - 6689, 2006.

248. ZANONI, M. V. B.; UMBUZEIRO, G.A.; OSUGI, M. E.; CASTRO, F. J.. Photoelectrocatytic oxidation of remazol turquoise blue and toxicological assessment of its oxidation products.. Journal of Hazardous Materials (Print). JCR, v.B137, p.871 - 877, 2006.

249. BERGAMINI, M. F.; SANTOS, A. L.; STRADIOTTO, N. R.; **ZANONI, M. V. B.**. A disposable electrochemical sensor for the rapid determination of levodopa. Journal of Pharmaceutical and Biomedical Analysis. JCR, v.39, p.54 - 59, 2005.

250. BERGAMINI, M. F.; ZANONI, M. V. B.; F.C.M. Oliveira. Análise voltamétrica de corante têxtil do tipo antraquinona empregando eletrodos de carbono impresso.. Eclética Química (Araraquara). v.30, p.53 - 59, 2005.

251. D.P. Santos; BERGAMINI, M. F.; FOGG, A. G.; **ZANONI, M. V. B.**. Application of glassy carbon electrode modified with poly(glutamic acid) in caffeic acid determination.. Microchimica Acta (Online). JCR, v.151, p.127 - 134, 2005.

252. ZANONI, M. V. B.; SOUSA, W. R.; J. L. PITELLI; CARNEIRO, P. A.; FOGG, A. G.. Application of voltammetric technique to the analysis of indanthrene dye in alkaline solution.. Dyes and Pigments. JCR, v.68, p.19 - 25, 2005.

253. OSUGI, M. E.; UMBUZEIRO, G.A.; ANDERSON, M. A.; **ZANONI, M. V. B.**. Degradation of metallophtalocyanine dye by combined processes of electrochemistry an photoelectrochemistry .. Electrochimica Acta. JCR, v.50, p.5261-, 2005.

254. SACZK, A. A.; OKUMURA, L. L.; OLIVEIRA, M. F.; ZANONI, M. V. B.; STRADIOTTO, N. R.. Determination of acetaldehyde in fuel ethanol by high performance liquid chromatography with electrochemical detection. Analytical Sciences. JCR, v.21, p.441 - 444, 2005.

255. PEREIRA, F. C.; FOGG, A. G.; UGO, P.; BERGAMO, E. P.; STRADIOTTO, N. R.; **ZANONI, M. V. B.**. Determination of iodide and idoxuridine at a glutaraldehyde-cross-linked poly-L-lysine modified glassy carbon electrode .. Electroanalysis (New York). JCR, v.17, p.1309 - 1316, 2005.

256. SILVA, D. H. S.; PEREIRA, F. C.; YOSHIDA, M.; **ZANONI, M. V. B.**. Electrochemical Evaluation of Lipophilic Antioxidants from Iryanthera juruensis Fruits (Myristicaceae).. Eclética Química (Araraquara). v.30, p.15 - 21, 2005.

257. ZANONI, M. V. B.; STRADIOTTO, N. R.; M.L.P.M. Arguelho. Electrochemical oxidation and voltammetric determination of the antimalaria drug primaquine .. Analytical Letters. JCR, v.38, p.1415 - 1425, 2005.

258. CARNEIRO, P. A.; OSUGI, M. E.; FUGIVARA, C. S.; BORALLE, N.; **ZANONI, M. V. B.**. Evaluation of different electrochemical methods on the oxidation and degradation of reactive blue 4 in aqueous solution. Chemosphere (Oxford). JCR, v.59, p.431 - 439, 2005.

259. SACZK, A. A.; OKUMURA, L. L.; OLIVEIRA, M. F.; ZANONI, M. V. B.; STRADIOTTO, N. R.. Rapid and sensitive method for determination of acetaldehyde in fuel ethanol by high performance liquid chromatography with UV-Vis detection.. Analytical and Bioanalytical Chemistry. JCR, v.381, p.1619 - 1624, 2005.

260. SANTOS, A. L.; TAKEUCHI, R. M.; MARIOTTI, M. P.; OLIVEIRA, M. F.; ZANONI, M. V. B.; STRADIOTTO, N. R.. Study of electrochemical oxidation and determination of albendazole using a glassy carbon rotating disk electrode. Il Farmaco (Pavia) (Cessou em 2005). v.60, p.671 - 674, 2005.

261. SELCUK, H.; SENE, J. J.; ZANONI, M. V. B.; SARIKAYA, H. Z.; ANDERSON, M. A.. Behavior of bromide in the photoelectrocatalytic process and bromine generation using nanoporous titanium dioxide thin-film electrodes. Chemosphere (Oxford). JCR, v.54, p.969 - 974, 2004.

262. CARNEIRO, P. A.; BORALLE, N.; STRADIOTTO, N. R.; FURLAN, M.; **ZANONI, M. V. B.**. Decolourization of Anthraquinone Reactive Dye by Electrochemical Reduction on Reticulated Glassy Carbon Electrode. Journal of the Brazilian Chemical Society. JCR, v.15, p.587 - 594, 2004.

263. OSUGI, M. E.; GUARATINI, CLAUDIA C. I.; STRADIOTTO, NELSON R.; **ZANONI, M. V. B.**. Determinação eletroanalítica de corante reativo presente como contaminante em proteínas purificadas por cromatografia de afinidade. Química Nova (Impresso). JCR, v.27, p.417 - 420, 2004.

264. SOUSA, W. R.; ROCHA, C.; CARDOSO, C. L.; SILVA, D. H. S.; **ZANONI, M. V. B.**. Determination of the Relative Contribution of Phenolic Antioxidants in Orange Juice by Voltammetric Methods. Journal of Food

Composition and Analysis. JCR, v.17, p.619 - 633, 2004.

265. OSUGI, M. E.; ZANONI, M. V. B.; GUARATINI, C. C. I.; STRADIOTTO, N. R.. Electroanalytical determination of a reactive dye currently used in affinity chromatography for protein purification. Química Nova. JCR, v.27, p.417 - 420, 2004.

266. CARNEIRO, P. A.; OSUGI, M. E.; SENE, J. J.; ANDERSON, M. A.; **ZANONI, M. V. B.**. Evaluation of color removal and degradation of a reactive textile azo dye on nanoporous TiO2 thin-film electrodes. Electrochimica Acta. JCR, v.49, p.3807 - 3820, 2004.

267. ZANONI, M. V. B.; FOGG, A. G.; PEREIRA, F. C.; STRADIOTTO, N. R.; BERGAMO, E. P.. Modification of a glassy carbon electrode with poly-l-lysine glutaraldehyde films. Electroanalysis (New York). JCR, v.16, p.1439 - 1443, 2004.

268. ZANONI, M. V. B.; ANDERSON, M. A.; SENE, J. J.; SELCUK, H.. Photoelectrocatalytic production of active chlorine on nanocrystalline titanium dioxide thin film electrodes. Environmental Science & Technology. JCR, v.38, p.3203 - 3206, 2004.

269. CARNEIRO, P. A.; FUGIVARA, C. S.; NOGUEIRA, R. F. P.; BORALLE, N.; **ZANONI, M. V. B.**. A Comparative Study on Chemical and Electrochemical Degradation of Reactive Blue 4 Dye. Portugaliae Electrochimica Acta. JCR, v.21, p.49 - 67, 2003.

270. J. Corsino; SILVA, D. H. S.; ZANONI, M. V. B.; V.S. Bolzani; S.C. França; A.M.S. Pereira; FURLAN, M.. Antioxidant Flavan-3-ols and Flavonol Glycosides from Maytenus aquifolium. Phytotherapy Research. JCR, v.17, p.913 - 916, 2003.

271. ROSA, T. F.; SACZK, A. A.; ZANONI, M. V. B.; STRADIOTTO, N. R.. Determinação voltamétrica do nedocromil de sódio utilizando eletrodo de carbono vítreo. Eclética Química (Araraquara). v.28, p.63 - 68, 2003.

272. ZANONI, M. V. B.; YAMANAKA, H.; STRADIOTTO, N. R.. Electrochemical sensors: A powerful tool in analytical chemistry. Journal of the Brazilian Chemical Society. JCR, v.14, p.159 - 173, 2003.

273. ZANONI, M. V. B.; SENE, J. J.; ANDERSON, M. A.. Photoeletrocatalytic Degradation of Remazol Brilliant Orange 3R on Titanium Dioxide Thin-Film Electrodes. Journal of Photochemistry and Photobiology. A, Chemistry. JCR, v.157, p.55 - 63, 2003.

274. OSUGI, M. E.; CARNEIRO, P. A.; **ZANONI, M. V. B.**. Reduction and Determination of the Phthalocyanine Textile Dye: Reactive Turquoise Blue by Electrochemical Techniques. Journal of the Brazilian Chemical Society (Impresso). JCR, v.14, p.660 - 665, 2003.

275. PEREIRA, F. C.; ZANONI, M. V. B.; FOGG, A. G.. Regeneration of poly-L-lysine modified carbon electrodes in the accumulation and cathodic stripping voltammetric determination of the cromoglycate anion. Talanta (Oxford). JCR, v.60, p.1023 - 1032, 2003.

276. GUARATINI, C. C. I.; FOGG, A. G.; **ZANONI, M. V. B.**. Cathodic Stripping Voltammetric Detection and Determination at a Hanging Mercury Drop Electrode of Dye Contaminants in Purified Biomaterials: Study of the Human Serum Albumin/Reactive Red 120 System. Microchemical Journal. JCR, v.71, p.65 - 72, 2002.

277. ZANONI, M. V. B.; CARNEIRO, P. A.; FLORIAN, M.; YAMANAKA, H.. Determination of Brilliant Blue FCF in the Presence and Absence of Erytrosine and Quinoline Yellow Food Colours by Cathodic Stripping Voltammetry. Food Additives and Contaminants. JCR, v.19, p.803 - 809, 2002.

278. PEREIRA, F. C.; ZANONI, M. V. B.; GUARATINI, C. C. I.; FOGG, A. G.. Differencial Pulse Polarographic Determination of Clotrimazole After Eerivatization with Procion Red HE-B. Talanta (Oxford). JCR, v.27, p.201 - 208, 2002.

279. PEREIRA, F. C.; ZANONI, M. V. B.; STRADIOTTO, N. R.; FOGG, A. G.. Voltammetric Characteristics of Miconazole and its Cathodic Stripping Voltammetric Determination. Analytical Letters. JCR, v.74, p.425 - 432, 2002.

280. GUARATINI, C. C. I.; FOGG, A. G.; **ZANONI, M. V. B.**. Assessment of the Aplication of Cathodic Stripping Voltammetry to the Analysis of Diazo Reactive Dyes and their Hydrolysis Products. Dyes and Pigments. JCR, v.50, p.211 - 221, 2001.

281. ZANONI, M. V. B.; CARNEIRO, P. A.. Corantes Texteis e Meio-Ambiente. Ciência Hoje. v.29, p.61 - 64, 2001.

282. PEREIRA, F. C.; STRADIOTTO, N. R.; **ZANONI, M. V. B.**. Electrochemical Reduction and Cathodic Stripping Voltammetric Determination of Clotrimazole . Journal of the Brazilian Chemical Society. JCR, v.12, p.202 - 207, 2001.

283. ZANONI, M. V. B.; CARNEIRO, P.; KAPOR, M. T.; YAMANAKA, H.. Eletroanálise de Corantes Alimentícios: Determinação de Índigo Carmim e Tartrazina.. Eclética Química (UNESP. Araraquara. Impresso). v.26, p.53 - 68, 2001.

284. SILVA, D. H. S.; PEREIRA, F. C.; ZANONI, M. V. B.; YOSHIDA, M.. Lipophylic Antioxidants from Iryanthera Juruensis Fruits. Microchemical Journal. JCR, v.57, p.437 - 442, 2001.

285. GUARATINI, C. C. I.; FOGG, A. G.; **ZANONI, M. V. B.**. Studies of the Voltammetric Behaviour and Determination of Reactive Diazo Dyes with Bifunctional Reactive Groups. Electroanalysis (New York). JCR, v.13, p.1 - 9, 2001.

286. SCHIAVON, M. A.; IWAMOTO, L. S.; FERREIRA, A. G.; YAMAMOTO, Y.; **ZANONI, M. V. B.**. A New Series of Meso (nitrophenyl) and Meso (carboxyphenyl) subtituted porphyrins.. Journal of the Brazilian Chemical Society. JCR, v.11, p.458 - 466, 2000.

287. GUARATINI, C. C. I.; **ZANONI, M. V. B.**. Corantes Texteis. Química Nova. JCR, v.23, p.71 - 78, 2000.

288. CARNEIRO, P.; **ZANONI, M. V. B.**. Estudo do Comportamento Eletroquimico do Corante Remazol Brilliant Orange 3R como Modelo de Degradação de Corantes Azo.. Eclética Química (Araraquara). v.1, p.92 - 101, 2000.

289. FOGG, A. G.; ZANONI, M. V. B.; BARROS, A. A.; BIRCH, B.. Stripping Voltammetry on the Hanging Mercury Drop Electrode and in non-Mercury Disposable Sensors.. Electroanalysis (New York). JCR, v.12, p.1227 - 1232, 2000.

290. RODRIGUES, L. N. C.; FOGG, A. G.; **ZANONI, M. V. B.**. Cathodic Stripping Voltammetric Determination Of Cefaclor In Pharmaceutical Formulations. Analytical Letters. JCR, v.32, p.97 - 109, 1999.

291. FERREIRA, V. S.; ZANONI, M. V. B.; FOGG, A. G.. Cathodic Stripping Voltammetric Determination Of Ceftazidime With Reactive Accumulation At A Poly-L-Lisine Modified Hanging Mercury Drop Electrode. Analytica Chimica Acta (Print). JCR, v.384, p.159 - 166, 1999.

292. ZANONI, M. V. B.; CARNEIRO, P.; FURLAN, M.; GUARATINI, C. C. I.; DUARTE, E. S.; FOGG, A. G.. Determination Of The Vinylsulphone Azo Dye, Remazol Brilliant Orange 3r By Cathodic Stripping Voltammetry. Analytica Chimica Acta. JCR, v.385, p.385 - 392, 1999.

293. RODRIGUES, L. N. C.; ZANONI, M. V. B.; FOGG, A. G.. Indirect Polarographic And Cathodic Stripping Voltammetric Determination of Cefaclor as an alkaline degradation Product.. Journal of Pharmaceutical and Biomedical Analysis (Print). JCR, v.21, p.497 - 505, 1999.

294. RODRIGUES, L. N. C.; IVAMA, V. M.; GUARATINI, C. C. I.; **ZANONI, M. V. B.**. Spectrophotometric Determination Of Cefaclor In Pharmaceutical Preparations. Química Nova (Impresso). JCR, v.22, p.201 - 204, 1999.

295. RODRIGUES, L. N. C.; FERREIRA, V.; **ZANONI, M. V. B.**. Estudo Voltametrico de Redissolucao Catodica de Cefaloglicina Em Meio Aquoso Sobre Eletrodo de Mercurio. Eclética Química (UNESP. Araraquara. Impresso). v.23, p.123 - 134, 1998.

296. FERREIRA, V. S.; ZANONI, M. V. B.; FOGG, A. G.. Indirect Cathodic-Stripping Voltammetric Determination Of Ceftazidime As A Mercury Salt. Analytica Chimica Acta (Print). JCR, v.367, p.255 - 259, 1998.

297. FOGG, A. G.; ZANONI, M. V. B.; YUSOFF, R. H. M.; AHMAD, R.; BAREK, J.; ZIMA, J.. Polarographic And Voltammetric Determination Of Triazine-Based Reactive Dyes With 4-Carboxypyridyl And 1,4 Diazabicyclo [2,2,2] Octanyl (Dabco) Leaving Groups. Analytica Chimica Acta (Print). JCR, v.362, p.235 - 240, 1998.

298. FERREIRA, V. S.; FOGG, A. G.; **ZANONI, M. V. B.**. Cathodic Stripping Voltammetric Determination Of Ceftazidime In Urine At A Hanging Mercury Drop Electrode.. Microchemical Journal (Print). JCR, v.57, p.115

- 122, 1997.

299. ZANONI, M. V. B.; FERREIRA, V. S.; FURLAN, M.; FOGG, A. G.. Differential Pulse Polarographic Determination Of Ceftazidime In Urinesamples With Prior Extraction.. Electroanalysis (New York). JCR, v.351, p.105 - 114, 1997.

300. FOGG, A. G.; WILLIANS, S.; AHMAD, R.; **ZANONI, M. V. B.**. Discrete Complexed Ligand And Cathalitic Nickel Peaks In Cathodic Stripping Voltammetry Of Mordant Red 74. Microchemical Journal (Print). JCR, v.57, p.110 - 114, 1997.

301. ZANONI, M. V. B.; PESQUERO, C. R.; ROSA, I. L. V.; STRADIOTTO, N. R.. Electrochemical Behaviour Of Nitrobenzenesulphonyl Derivative Of Aniline In Aqueous Solution.. Journal of the Brazilian Chemical Society (Impresso). JCR, v.8, p.223 - 223, 1997.

302. ZANONI, M. V. B.; FOGG, A. G.; BAREK, J.; ZIMA, J.. Electrochemical Investigations Of Reactive Dyes. Ii-Cathodic Strippingvoltammetric Behaviour Of Reactive Dyes With Anthraquinone Structures.. Analytica Chimica Acta (Print). JCR, v.349, p.101 - 109, 1997.

303. FERREIRA, V. S.; MELIOS, C. B.; STRADIOTTO, N. R.; **ZANONI, M. V. B.**. Determination Of Cinnamic Acid In Human Urine By Differential Pulse Polarography.. Analyst (London. 1877. Print). JCR, v.121, p.263 - 267, 1996.

304. FOGG, A. G.; **ZANONI, M. V. B.**. Monitoring Reactive Dyes And Their Hydrolysis And Methanolysis Products By Cathodic Stripping Voltammetry At A Hanging Mercury Electrode. Portugaliae Electrochimica Acta. JCR, v.14, p.229 - 232, 1996.

305. BAREK, J.; ZANONI, M. V. B.; FOGG, A. G.. Polarography And Voltammetry Determination Of Selected Triazine-Based Azo Dyes With Different Reactive Groups.. Analytica Chimica Acta (Print). JCR, v.30, p.31 - 42, 1996.

306. ZANONI, M. V. B.; STRADIOTTO, N. R.. Electrochemical Behaviour Of Aromatic Amines Protected By Nitrobenzenesulfonyl Group. Electroanalysis (New York). JCR, v.7, p.365 - 369, 1995.

307. ZANONI, M. V. B.; FOGG, A. G.; BAREK, J.; ZIMA, J.. Electrochemical Investigations Of Reactive Dyes. I - Polarographic Determination Of Anthraquinone - Based Chlorotriazine Dyes. Analytica Chimica Acta (Print). JCR, v.315, p.41 - 54, 1995.

308. ZANONI, M. V. B.; MOREIRA, J. C.; FOGG, A. G.. Use Of Solid Phase Extraction Cartridges With Differential Cathodic Stripping Voltammetry At A Hanging Mercury Drop Electrode: Determination Of Nedocromil Sodium And Pentamidine Isethionate In Urine Samples. Analyst (London. 1877. Print). JCR, v.120, p.505 - 509, 1995.

309. FOGG, A. G.; **ZANONI, M. V. B.**. Absence Of Differential Pulse Cathodic Stripping Voltammetric Peaks When Adsorbed Species Are Reduced Reversibly Yielding Adsorbed Pro- Ducts: Anthraquinone-Based Reactive Dyes.. Analytical Proceedings including Analytical Communications. v.31, p.173 - 175, 1994.

310. ZANONI, M. V. B.; STRADIOTTO, N. R.; NASCIMENTO, O. R.; KOURY, E. F.. Behaviour Of The Anions Generated In The Reduction Of Nosyl Amides. Journal de Chimie Physique et de Physico Chimie Biologique. v.91, p.75 - 87, 1994.

311. ZANONI, M. V. B.; FOGG, A. G.. Polarography And Cathodic Stripping Voltammetric Of Tipredane. Analytica Chimica Acta (Print). JCR, v.298, p.233 - 244, 1994.

312. ZANONI, M. V. B.; FOGG, A. G.. Potential Of Cathodic Stripping Voltammetry With Adsorptive Accumula-Tion For The Determination Of Reactive Dyes Including Their Monitoringin Environmental, Dyeing And Other Reaction Situations.. Analytical Proceedings including Analytical Communications. v.31, p.217 - 219, 1994.

313. ZANONI, M. V. B.; FOGG, A. G.. Cathodic Stripping Voltammetric Determination Of Pentamidine Isethio-Nate At A Hanging Mercury Drop Electrode.. Analyst (London. 1877. Print). JCR, v.118, p.1163 - 1166, 1993.

314. ZANONI, M. V. B.; SARTORELLO, C. H. M.; STRADIOTTO, N. R.. Comparative Study Of The Cathodic Cleavage Of N-Tosyl And N-Nosyl Pro-Tected Aminoacids.. Journal of Electroanalytical Chemistry (1992). JCR, v.361, p.103 - 108, 1993.

315. ZANONI, M. V. B.; FOGG, A. G.. Electrochemical Reduction At Mercury Electrodes And Differential Pulsepolarographic Determination Of Pentamidine Isethionate.. Analyst (London. 1877. Print). JCR, v.118, p.1157 - 1162, 1993.

316. ZANONI, M. V. B.; STRADIOTTO, N. R.. Autoinhibition Effects Of The Sn(Oh)4 Film On Dropping Mercury Electrode.. Eclética Química (UNESP. Araraquara. Impresso). v.17, p.105 - 112, 1992.

317. ZANONI, M. V. B.; RUIZ, M.; MELIOS, C. B.; TOGNOLLI, J. O.. Polarografia de Pulso Diferencial de Compostos Benzalpiruvicos Substituidos Em Meio Aquoso. Parte I - Reducao Em Meio Acido.. Química Nova (Impresso). JCR, v.14, p.42 - 42, 1991.

318. ZANONI, M. V. B.; RUIZ, M.; MELIOS, C. B.; TOGNOLLI, J. O.. Polarografia de Pulso Diferencial de Compostos Benzalpiruvicos Substituidos Em Meio Aquoso. Parte Ii. Reducao Em Meio Alcalino.. Química Nova (Impresso). JCR, v.14, p.43 - 43, 1991.

319. **ZANONI, M. V. B.**. Redução Polarografica de Trans-Cinamatos Substituídos um Meio Aquoso.. Química Nova (Impresso). JCR, v.14, p.41, 1991.

320. ZANONI, M. V. B.; STRADIOTTO, N. R.. The Cathodic Cleavage Of The Nitrobenzenesulfonyl Group From Aliphaticamines In Dimethylformamide.. Journal of Electroanalytical Chemistry (1992). JCR, v.312, p.141 - 154, 1991.

321. ZANONI, M. V. B.; STRADIOTTO, N. R.. Study Of The Polarographic Oxidation Of Tin (Ii). Anais da Academia Brasileira de Ciências (Impresso). JCR, v.62, p.229 - 233, 1990.

Page generated by the System Lattes in 09/01/2025 at 12:28:50.