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

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

Formal Education

1985 - 1989 Doctorate in .
Universidade de São Paulo, USP, Sao Paulo, Brazil
Title: Clivagem eletroquímica do grupo protetor nitrobenzenossulfonila de aminas alifáticas e aromáticas., Year of degree: 1989
Advisor: Nelson Ramos Stradiotto
Scholarship from : Conselho Nacional de Desenvolvimento Científico e Tecnológico, CNPq, Brazil.
Palavras-chave: Cathodic Cleavage, Cathodic Deprotection, Desprotecao Catodica, Nitrobenzenesulphonyl Derivatives, Nitrobenzenesulfonamides, Nitrobenzenossulfonil.
Grande área: Ciências Exatas e da Terra / Área: Química / Subárea: Química Analítica / Especialidade: Eletroanalítica.

1981 - 1985 Master's in Chemistry.
Universidade de São Paulo, USP, Sao Paulo, Brazil
Title: Estudo do comportamento eletroquímico do sistema Sn(II)/Sn(IV) em eletrodo de mercúrio, Year of degree: 1985
Advisor: Nelson Ramos Stradiotto
Scholarship from : Conselho Nacional de Desenvolvimento Científico e Tecnológico, CNPq, Brazil.
Palavras-chave: OXIDAÇÃO ELETROQUÍMICA, Oxidacao Polarografica.
Grande área: Ciências Exatas e da Terra / Área: Química / Subárea: Química Analítica / Especialidade: Eletroanalítica.

1980 - 1985 Graduation in LICENCIATURA.
Universidade de São Paulo, USP, Sao Paulo, Brazil

1977 - 1980 Graduation in Bacharelado em Quimica.
Universidade de São Paulo, USP, Sao Paulo, Brazil
Title: Comportamento polarográfico da redução de Sn(IV)/Sn(II) em meio aquoso
Advisor: Prof. Dr. NELSON RAMOS STRADIOTTO

Postdoctorate and habilitation

2008 - 2009 Postdoctorate .
university of oxford, OXFORD, Great Britain
Scholarship from : Fundação de Amparo à Pesquisa do Estado de São Paulo
Grande área: Ciências Exatas e da Terra / Área: Química / Subárea: Química Analítica
Grande área: Ciências Exatas e da Terra / Área: Química / Subárea: Química Analítica / Especialidade: Eletroanalítica.

2001 - 2002 Postdoctorate .
University of Wisconsin - Madison, WISC, Madison, United States
Scholarship from : Coordenação de Aperfeiçoamento de Pessoal de Nível Superior
Grande área: Ciências Exatas e da Terra / Área: Química / Subárea: Química Analítica / Especialidade: Análise de Traços e Química Ambiental.

1992 - 1994 Postdoctorate .
Loughborough University, LBORO, Leicester, England, Year of degree: 1994
Scholarship from : Fundação de Amparo à Pesquisa do Estado de São Paulo
Grande área: Ciências Exatas e da Terra / Área: Química / Subárea: Química Analítica / Especialidade: Eletroanalítica.

2000 Habilitation .
Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Sao Paulo, Brazil
Title: Análise voltamétrica de compostos orgânicos: Fármacos e Corantes, Year of degree: 2000
Grande área: Ciências Exatas e da Terra / Área: Química / Subárea: Química Analítica / Especialidade: Eletroanalítica.

Complementary Education

2011 - 2011 Short Term Course in Programa Conversa ao pé do Marketing. (Carga horária: 12h).
Escola Superior de Propaganda e Marketing, ESPM, Sao Paulo, Brazil

2001 - 2002 Estágio Científico. .
University of Wisconsin - Madison, WISC, Madison, United States

Professional Experience

Universidade Estadual Paulista Júlio de Mesquita Filho - UNESP

2011 - Current Contract: Servidor público , Position: Professor Titular , Working hours (weekly): 40, Schemes of job: Universidade Estadual Paulista Júlio de Mesquita FilhoFull-time and exclusiveness

2000 - 2011 Contract: Servidor público , Position: Professor Adjunto , Working hours (weekly): 40, Schemes of job: Universidade Estadual Paulista Júlio de Mesquita FilhoFull-time and exclusiveness

1987 - 2000 Contract: Servidor público ou celetista , Position: Professor Assistente doutor , Working hours (weekly): 40, Schemes of job: Universidade Estadual Paulista Júlio de Mesquita FilhoFull-time and exclusiveness

Activities

12/2015 - Current Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular do Conselho de Departamento

03/2012 - 06/2012 Graduate degree, Farmácia e Bioquímica

Disciplines Taught:
Química Analítica Quantitativa

03/2011 - Current Post-graduate degree, Química

Disciplines Taught:
Tópicos Especiais: Eletroanalítica de Biocombustíveis

08/2010 - 11/2010 Post-graduate degree, Química

Disciplines Taught:
Introdução à Eletroquímica Ambiental

07/2009 - Current Management and Admnistrative Positions, PRO-REITORIA DE PESQUISA

Positions:
assessor da pro reitoria de pesquisa

03/2009 - Current Graduate degree, Farmácia-Bioquímica

Disciplines Taught:
Métodos Instrumentais de Análise

03/2008 - 06/2008 Post-graduate degree, Química

Disciplines Taught:
Sensores Químicos

11/2007 - 03/2008 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Comissão Assessora da Pró-Reitoria de Pós-Graduação da Universidade Estadual Paulista, para redigir Normas e Regimento do Programa de Co-Tutela

04/2007 - 04/2007 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Comissão de Bolsas do Programa de PG em Química

03/2007 - 06/2007 Post-graduate degree, Quimica

Disciplines Taught:
Técnicas Eletroanalíticas I

06/2006 - 12/2006 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Comissão Assessora da Pró-Reitoria de Pós-Graduação da Universidade Estadual Paulista, para Criação de Curso de Mestrado Profissional

03/2006 - 03/2006 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular da Comissão de Bolsas do Programa de PG em Química

10/2005 - 10/2007 Councils, Comissions and Consulting, Instituto de Química de Araraquara, Departamento de Química Analítica

Specification:
Membro titular do Conselho de Departamento

10/2005 - 05/2007 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro Titular da Comissão Permanente de Ensino

10/2005 - 05/2007 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Representante Suplente de Coordenadores de Programas de Pós-Graduação na Congregação

10/2005 - 05/2007 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Representante Docente das Comissões Assessoras Permanentes (CPE) na Congregação

10/2005 - 05/2007 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro Titular da Comissão Permanente de Pesquisa

08/2005 - 08/2005 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Jurada da sexta sessão periodica do ano de 2005, do Júri de Execuções Criminais da Comarca de Araraquara-SP.

01/2005 - 06/2005 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Comissão de Bolsas no Programa de Pós-Graduação em Química

12/2004 - 12/2007 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
3o Substituto eventual do Diretor e Vice-Diretor

08/2004 - 11/2004 Post-graduate degree, Quimica Analitica (Arar.)

Disciplines Taught:
Sensores Eletroquímicos

06/2004 - 05/2005 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente da Comissão Permanente de Ensino

06/2004 - 05/2005 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Membro titular da Congregação

06/2004 - 09/2005 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Vice-Presidente da Comissão Permanente de Ensino

06/2004 - 05/2007 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Coordenador de Programa de Pós-Graduação

06/2004 - 05/2007 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Representante titular da área de Ciências Exatas e da Terra junto à Câmara Central de PG da Reitoria da UNESP

06/2004 - 05/2005 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular da Comissão Permanente de Ensino, como Coordenadro de Programas de PG.

01/2003 - 02/2003 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Responsável pela Chefia do Departamento de Química Analítica

12/2002 - 12/2004 Councils, Comissions and Consulting, Instituto de Química de Araraquara, Departamento de Química Analítica

Specification:
Membro suplente do Conselho de Curso de Pós-Graduação em Química

12/2002 - 12/2004 Councils, Comissions and Consulting, Instituto de Química de Araraquara, Departamento de Química Analítica

Specification:
Membro titular do Conselho de Departamento

08/2002 - 07/2007 Graduate degree, Farmácia-Bioquímica

Disciplines Taught:
Química Analítica

03/2002 - 07/2007 Graduate degree, Química

Disciplines Taught:
Química Analítica Instrumental I

01/2001 - 12/2002 Councils, Comissions and Consulting, Instituto de Química de Araraquara, Departamento de Química Analítica

Specification:
Membro titular do Conselho de Curso de Pós-Graduação em Química

10/1999 - 10/2001 Councils, Comissions and Consulting, Instituto de Química de Araraquara, Departamento de Química Analítica

Specification:
Membro titular da Comissão de Pesquisa como Coordenador de Grupo de Pesquisa

10/1999 - 10/2001 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular do Conselho do Departamento de Química Analítica

09/1999 - 11/1999 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente do Conselho de Curso de Graduação

08/1999 - 08/2001 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente da Comissão de Pesquisa, como representante docente.

03/1999 - 03/2000 Other technician-scientific activity, Instituto de Química de Araraquara

Specification:
Coordenador dos Seminários Gerais do Curso de Pós-Graduação em Química-UNESP-Ar

03/1999 - 02/2000 Continuing Education, Instituto de Química de Araraquara

Specification:
Coordenadora da disciplina Seminários Gerais do Curso de Pós-Graduação em Química

03/1998 - 03/1999 Other technician-scientific activity, Instituto de Química de Araraquara

Specification:
vice coordenadora dos seminários gerais do curso de pos graduação em quimica -IQ-UNESP

03/1998 - 04/1998 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Substituto da Chefia de Departamento

03/1998 - 03/1999 Continuing Education, Instituto de Química de Araraquara

Specification:
Vice-Coordenadora da disciplina Seminários Gerais do Curso de Pós-Graduação em Química

03/1998 - 12/1998 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular da Comissão de Bolsas do Curso de PG em Química

08/1997 - 08/1999 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular do Departamento de Química Analítica, como representante da categoria de Prof. Assistente.

12/1996 - 12/1998 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente do Conselho de Curso de Pós-Graduação

08/1995 - 08/1997 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente da Comissão de Pesquisa

08/1995 - 08/1997 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente da Congregação

08/1995 - 08/1997 Management and Admnistrative Positions, Instituto de Química de Araraquara, Departamento de Química Analítica

Positions:
Vice-chefe de Departamento

03/1995 - 07/2009 Post-graduate degree, Técnicas Eletroanalíticas II

Disciplines Taught:
Técnicas Eletroanalíticas II

01/1995 - 12/1996 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular da Comissão encarregada pela elaboração de provas de Exame de Seleção para ingresso no Curso de PG

08/1991 - 08/1993 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular do Conselho do Departamento de Química Analítica

12/1990 - 08/1991 Management and Admnistrative Positions, Instituto de Química de Araraquara

Positions:
Sub-Coordenadora do Conselho de Graduação

11/1990 - 08/1991 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro titular do Conselho de Curso de Graduação

12/1989 - 12/1991 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente do Conselho do Departamento de Química Analítica

10/1989 - 10/1991 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente da Comissão de Pesquisa

08/1989 - 08/1990 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente do Conselho de Curso de Graduação

03/1989 - Current Graduate degree, Química

Disciplines Taught:
Química Analítica Quantitativa

1987 - Current Research and Development, Instituto de Química de Araraquara, Departamento de Química Analítica

10/1987 - 10/1989 Councils, Comissions and Consulting, Instituto de Química de Araraquara

Specification:
Membro suplente do Conselho do Departamento de Química Analítica

08/1987 - 07/2010 Graduate degree, Farmácia-Bioquímica

Disciplines Taught:
Química Analítica Quantitativa

03/1987 - 07/1991 Graduate degree, Química

Disciplines Taught:
Química Analítica Qualitativa

Universidade Estadual Paulista "Julio de Mesquita Filho" - UNESP

2009 - 2015

Centro Universitário da Fundação Educacional de Barretos - UNIFEB

1982 - 1987 Contract: Celetista , Position: professor titular , Working hours (weekly): 20, Schemes of job: Centro Universitário da Fundação Educacional de Barretos Part-time

associação educacional de lucca - COLÉGIO BRASIL

1980 - 1981 Contract: Celetista , Position: professor de quimica , Working hours (weekly): 8, Schemes of job: associação educacional de lucca Part-time

Scientific Journal Referee

2016 - Current Journal of Solid State Electrochemistry (Print)

2016 - Current Talanta (Oxford)

2015 - Current Electroanalysis (New York, N.Y.)

2015 - Current Electrocatalysis (Print)

2015 - Current Chemosphere (Oxford)

2015 - Current Desalination (Amsterdam)
2015 - Current Sensors and Actuators. B, Chemical
2015 - Current Journal of Electroanalytical Chemistry
2015 - Current Environmental Science & Technology
2015 - Current Microchemical Journal (Print)
2014 - Current Coloration Technology
2014 - Current Applied Catalysis. A, General (Print)
2014 - Current Applied Catalysis. B, Environmental (Print)
2013 - Current Catalysis Today (Print)
2013 - Current Water Research (Oxford)
2006 - Current Journal of Applied Electrochemistry (0021-891X)
2006 - Current Journal of Photochemistry and Photobiology. A, Chemistry
2006 - Current Microchemical Journal
2006 - Current Environmental science & technology
2006 - Current Chemosphere (Oxford)
2005 - Current Journal of the Brazilian Chemical Society
2005 - Current Electrochimica Acta
2005 - Current Separation and purification technology (1383-5866)
2005 - Current Dyes and Pigments
2005 - Current Eclética Química (Araraquara)
2005 - Current Microchimica Acta (Online) (1436-5073)
2004 - Current Environmental Technology (0959-3330)
2004 - Current Journal of Hazardous Materials (0304-3894)
2004 - Current Talanta (Oxford) (0039-9140)
2004 - Current Química Nova

Member of Editorial Board

2003 - 2003 Journal of the Brazilian Chemical Society
Other information: Editor convidado para o numero especial do Journal of Brazilian Chemical Society, v. 14, n. 4,jul-aug, 2003.

Membro de comitê de assessoramento

2016 - Current Conselho Nacional de Desenvolvimento Científico e Tecnológico
2015 - 2015 Conselho Nacional de Desenvolvimento Científico e Tecnológico
2013 - 2015 Conselho Nacional de Desenvolvimento Científico e Tecnológico
Other information: Foi coordenadora do CA no periodo de 2014 a 2015
2016 - 2016 Financiadora de Estudos e Projetos

Revisor de projeto de agência de fomento

2016 - Current Coordenação de Aperfeiçoamento de Pessoal de Nível Superior
2016 - Current Fundação de Amparo à Pesquisa do Estado de São Paulo
2016 - Current Fundação de Apoio à Pesquisa e à Inovação Tecnológica do Estado de Sergipe
2016 - Current FONDECYT
2016 - Current fundação de ampro a pesquisa no maranhão
2016 - Current Fundação de Apoio FUNDECT
2015 - Current Fundação de Amparo à Pesquisa do Estado de Minas Gerais

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.

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Academic Advisory - concluded

Postdoctorate supervision

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