

Papers Published by Paulo Artaxo

Summary table of published works

Ano	Up to 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Trabalhos	308	30	25	27	24	22	18	24	17	26	31	20

(*) Total number of papers published to date: **548**.

Google Scholar: 85.787 citações, 1364 publicações, índice H: 136. Google Scholar: <http://scholar.google.com/citations?user=uC8sffYAAAAJ&hl=en>

ResearchGate: https://www.researchgate.net/profile/Paulo_Artaxo, 66.964 citações. ResearchGate Índice H: 129.

Web of Science Clarivate ResearchID: <https://www.webofscience.com/wos/author/record/1086283>. 461 articles, citations: 45.159, com H-index: 99. ResearchID: E-8874-2010.

Scopus database: <http://www.scopus.com/authid/detail.url?authorId=7004864963>. Scopus Author ID: 7004864963. Total Citations: 39.917. Total papers: 442. Índice H: 102.

ORCID ID: orcid.org/0000-0001-7754-3036. Web: <http://orcid.org/0000-0001-7754-3036>. Total of 685 papers.

Frontiers Loop profile: 107243: 27.813 citations, 697 publications. <https://loop.frontiersin.org/people/107243/overview>

<https://doi.org/10.1590/1809-4422asoc00932vu28L4OA> Texto do CV Lattes: <http://lattes.cnpq.br/3977660018939385>.

Abstract

Professor Paulo Artaxo graduated in Physics from the University of São Paulo (1977), obtained a master's degree in Nuclear Physics from USP (1980), and a doctorate in Atmospheric Physics from USP (1985). He worked at NASA (United States), the Max Planck Institute (Germany), and the universities of Antwerp (Belgium), Lund (Sweden), and Harvard (United States). He is currently a full professor in the Department of Applied Physics at the Physics Institute of USP. He works in applied physics, focusing mainly on global climate change, the Amazon rainforest, atmospheric aerosol physics, urban air pollution, and related topics. He is a full member of the Brazilian Academy of Sciences (ABC), the World Academy of Sciences (TWAS), and the Academy of Sciences of the State of São Paulo (ACIESP). He has published more than 540 scientific papers and presented more than 1200 papers at international scientific conferences. He has 83,783 citations on Google Scholar, with an H-index of 132. He has 64,707 citations of his work on ResearchGate, with an H-index of 125. He has published 38 papers in journals from the Science and Nature groups. He coordinated 7 FAPESP thematic projects and 2 CNPq Millennium Institutes, is a member of the IPCC (Intergovernmental Panel on Climate Change), and several other international scientific panels. He was a representative of the scientific community on CONAMA from 2015 to 2019. He is a former vice-president of SBPC (2021-2025), a member of the ACIESP and SBF Councils, and president of the IPAM Council. He is a member of the Steering

Committee of the Amazon Fund (COFA) and the Management Committee of the National Environment Fund (FNMA). He is also a member of the Steering Committee of CNPEM, IPAM, IBICT, and CEMADEM.

In 2004, he received a vote of applause from the Brazilian Senate for his scientific work on the environment in the Amazon. In 2006, he was elected a fellow of the American Association for the Advancement of Sciences. He is a member of the IPCC team, awarded the 2007 Nobel Peace Prize. In 2007, he received the TWAS Earth Science Prize and the Dorothy Stang Prize for Science and Humanities. In 2009, he was awarded the title of Doctor of Philosophy, *honoris causa*, by the University of Stockholm, Sweden. In 2010, he received the Fissan-Pui-TSI Award from the International Aerosol Research Association. In 2010, he also received the Order of National Scientific Merit as a Commander, and in 2018, the Grand Cross. In 2016, he received the Almirante Álvaro Alberto Award, granted by CNPq, the Navy, the MCTI and the Conrad Wessel Foundation. In 2017, he received the Globo Faz a Diferença Award. In 2022, he received the CONFAP Science and Technology Award. In 2024, he received the PIFI Prize from the Chinese Academy of Sciences. In 2025, he received the CBMM Science Award. He received the 2026 Award from the Alliance of World Scientists, in the Planet Earth Sciences category. He has been included on Clarivate Analytics' list of the top 1% of researchers worldwide over the past 10 years. In 2022 and 2023, he was the most-cited Brazilian scientist in environmental science, according to Research.com. He coordinates the Center for Sustainable Amazon Studies (CEAS) at USP. He is part of the COP-30 Scientific Council.

Books published

- 1) Emissions of Atmospheric Trace Compounds (2004) – Co-edited with Claire Granier and Claire E. Reeves, published by Springer Dordrecht. ISBN 978-90-481-6605-3 ISBN 978-1-4020-2167-1 (eBook). DOI 10.1007/978-1-4020-2167-1
- 2) FAPESP 60 anos: A Ciência no Desenvolvimento Nacional. Organizadores: Adriano Andricopolo, Marco Antonio Zago, Luiz Eugênio Melo, Marie-Anne van Sluys, Vanderlan Bolzani, Paulo Artaxo. Editora Cubo Multimídia, São Carlos, ISBN 978-65-86819-28-1. DOI: <https://doi.org/10.4322/978-65-86819-27-4>, 2022.
- 3) Interactions Between Biosphere, Atmosphere and Human Land Use in the Amazon Basin, published in 2018, with co-editors Laszlo Nagy and Bruce R. Forsberg (ISBN: 978-3-662-57048-7).
- 4) BARCELOS, C.; Corvalan, C.; Artaxo, P.; de Souza Hacon, S. Mudanças climáticas e ambientais e seus efeitos na saúde: cenários e incertezas para o Brasil. ed. Rio de Janeiro: Organização Pan-Americana da Saúde, 2008. v. 1. 40pg. <http://dx.doi.org/10.5123/S1679-49742009000300011>.
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Papers published in the journals Science and Nature

Publication of 38 papers in journals of the Nature and Science groups.

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- 2) **Artaxo, P.**, Break down boundaries in climate research. World View Section, *Nature* Vol. 481, pg. 239, <https://doi.org/10.1038/481239a>, 2012.
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- 11) Bateman, A. P., **P. Artaxo**, et al., Submicron Particulate Matter is Primarily in Liquid Form over Amazon Rain Forest. *Nature Geosciences*, 9, 34-37, doi:10.1038/ngeo2599, 2015.
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- 38) Gabriel de Oliveira, **Paulo Artaxo** et al., Spiraling frontier threats in Indigenous Amazonia. *Nature Sustainability*, <https://doi.org/10.1038/s41893-026-01874-z>, 2026.

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