

Trabalhos Publicados Paulo Artaxo

Quadro resumo dos trabalhos publicados

Ano	Up to 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Trabalhos	308	30	25	27	24	22	18	26	18	26	33	6

(*) Número total de trabalhos publicados até o momento: **540**.

Google Scholar: 83.783 citações, 1152 publicações, índice H: 132. Google Scholar: <http://scholar.google.com/citations?user=uC8sffYAAAAJ&hl=en>

ResearchGate: https://www.researchgate.net/profile/Paulo_Artaxo, 64.783 citações. ResearchGate Índice H: 125.

Web of Sciences Clarivate ResearchID: <https://www.webofscience.com/wos/author/record/1086283>. 447 articles, citations: 43.687, com H-index: 98. ResearchID: E-8874-2010.

Scopus database: <http://www.scopus.com/authid/detail.url?authorId=7004864963>. Scopus Author ID: 7004864963. Total Citations: 38.848. Total papers: 440. Índice H: 101.

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, 650 publications. <https://loop.frontiersin.org/people/107243/overview>

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

Resumo

Prof. Paulo Artaxo realizou sua graduação em Física pela Universidade de São Paulo (1977), mestrado em Física Nuclear pela USP (1980) e doutorado em Física Atmosférica pela USP (1985). Trabalhou na NASA (Estados Unidos), no Instituto Max Planck (Alemanha), nas universidades de Antuérpia (Bélgica), Lund (Suécia) e Harvard (Estados Unidos). Atualmente é professor titular do Departamento de Física Aplicada do Instituto de Física da USP. Trabalha com física aplicada a problemas ambientais, atuando principalmente em mudanças climáticas globais, meio ambiente na Amazônia, física de aerossóis atmosféricos, poluição do ar urbana e outros temas. É membro titular da Academia Brasileira de Ciências (ABC), da World Academy of Sciences (TWAS) e da Academia de Ciências do Estado de São Paulo (ACIESP). Publicou mais de 540 trabalhos científicos e apresentou mais de 1200 trabalhos em conferências científicas internacionais. Tem 83.783 citações no Google Scholar, com índice H de 132. Tem 64.707 citações de seus trabalhos no ResearchGate, com índice H de 125. Publicou 35 trabalhos em revistas dos grupos Science e Nature. Coordenou 7 projetos temáticos da FAPESP e 2 Institutos do Milênio do CNPq, é membro do IPCC (Painel Intergovernamental de Mudanças Climáticas) e de vários outros painéis científicos internacionais. Foi representante da comunidade científica

no CONAMA de 2015 a 2019. É ex-vice-presidente da SBPC (2021-2025), membro do Conselho da ACIESP e da SBF e presidente do Conselho do IPAM. É membro do Comitê Orientador do Fundo Amazônia (COFA) e do Comitê de Gestão do Fundo Nacional do Meio Ambiente (FNMA). Também integra o Comitê Diretor do CNPEM, do IPAM, do IBICT e do CEMADEM.

Em 2004, recebeu um voto de aplauso do Senado brasileiro pelo seu trabalho científico sobre o meio ambiente na Amazônia. Em 2006, foi eleito fellow da American Association for the Advancement of Sciences. É membro da equipe do IPCC, agraciada com o Prêmio Nobel da Paz de 2007. Em 2007, recebeu o Prêmio de Ciências da Terra da TWAS e o Prêmio Dorothy Stang de Ciências e Humanidades. Em 2009, foi agraciado com o título de Doutor em Filosofia, Honoris Causa, pela Universidade de Estocolmo, na Suécia. Em 2010, recebeu o Prêmio Fissan-Pui-TSI da International Aerosol Research Association. Também recebeu, em 2010, a Ordem do Mérito Científico Nacional, na qualidade de comendador, e, em 2018, na de Grão-Cruz. Em 2016, recebeu o Prêmio Almirante Álvaro Alberto, outorgado pelo CNPq, pela Marinha, pelo MCTI e pela Fundação Conrad Wessel. Em 2017, recebeu o Prêmio Globo Faz a Diferença. Em 2022, recebeu o Prêmio CONFAP de Ciência e Tecnologia. Em 2024, recebeu o prêmio PIFI da Academia Chinesa de Ciências. Em 2025, recebeu o Prêmio CBMM de Ciências. Recebeu o Prêmio 2026 da Alliance of World Scientists, na categoria Planet Earth Sciences. Foi incluído na lista da Clarivate Analytics entre os 1% dos pesquisadores mais citados no mundo nos últimos 10 anos. Em 2022 e 2023, foi o cientista brasileiro mais citado na área ambiental, segundo o Research.com. Coordena o Centro de Estudos Amazônia Sustentável (CEAS) da USP. Faz parte do Conselho Científico da COP-30.

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 with physics applied to environmental problems, focusing mainly on global climate change, the environment in the Amazon, atmospheric aerosol physics, urban air pollution, and other 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 35 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 Science. He is a member of the IPCC team that was awarded the 2007 Nobel Peace Prize. In 2007, he received the TWAS Earth Sciences Prize and the Dorothy Stang Prize in Science and Humanities. In 2009, he was awarded an honorary doctorate in Philosophy from Stockholm University, Sweden. In 2010, he received the Fissan-Pui-TSI Prize from the International Aerosol Research Association. He also received, in 2010, the Order of National Scientific Merit as a Commander, and in 2018, as a Grand Cross. In 2016, he received the Admiral Álvaro Alberto Award, granted by CNPq, the Navy, 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 Award from the Chinese Academy of Sciences. In 2025, he received the CBMM Science Award. He received the 2026 Alliance of World Scientists Award in the Planet Earth Sciences category. He was included in Clarivate Analytics' list of the top 1% most cited researchers in the world over the last 10 years. In 2022 and 2023, he was the most cited Brazilian scientist in the environmental field, according to Research.com. He coordinates the Center for Sustainable Amazon Studies (CEAS) at USP. He is a member of the Scientific Council of COP-30.

Papers publicados nas revistas Science e Nature

Publicação de 36 trabalhos nas revistas dos grupos Nature e Science.

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