Prof. Dr. Walter F. de Azevedo, Jr.
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Dr. Walter F. de Azevedo, Jr. has been ranked among the most influential researchers in the world (Fields: Biophysics, Biochemistry & Molecular Biology, and Biomedical Research) according to a database created by Plos Biology (10.1371/journal.pbio.3000918) (see news here). The application of the same set of metrics recognized the influence of his work in the following years (Baas et al., 2021; Ioannidis, 2022; Ioannidis, 2023; Ioannidis, 2024; Ioannidis, 2025). Dr. Azevedo is Frontiers Section Editor of the Current Drug Targets (https://www.benthamscience.com/public/journals/current-drug-targets/editorial-board), section editor of the Current Medicinal Chemistry (https://www.benthamscience.com/public/journals/current-medicinal-chemistry/editorial-board), member of the editorial board of the Journal of Molecular Structure (https://www.sciencedirect.com/journal/journal-of-molecular-structure/about/editorial-board), and editor of Docking Screens for Drug Discovery (Methods of Molecular Biology) (Springer Nature) (https://link.springer.com/book/9781071649480). He is a reviewer for over 60 high-impact journals, including Nature Communications and Briefings in Bioinformatics.

He graduated in Physics (BSc in Physics) from the University of São Paulo (USP) (Brazil) in 1990. He completed a Master's Degree in Applied Physics from the USP (1992). During his Ph.D., he worked under the supervision of Prof. Sung-Hou Kim (University of California, Berkeley) on a split Ph.D. program with a fellowship from the Brazilian Research Council (CNPq) (1993-1996). His Ph.D. focused on the crystallographic structure of CDK2 (doi: 10.1073/pnas.93.7.2735).

His scientific interests are interdisciplinary, with three main emphases: artificial intelligence, complex systems, and computational systems biology. In his studies, he developed several free software programs to explore the concept of Scoring Function Space. As a result of his research, he published over 200 scientific works about protein structures, computer models of complex systems, and simulations of protein systems. These publications have over 8,000 citations on the Web of

Science (h-index: 50), more than 8,000 citations in Scopus (h-index: 50), and over 10,500 citations in Google Scholar (h-index: 55).

https://www.webofscience.com/wos/author/record/581112

https://www.scopus.com/authid/detail.uri?authorId=7006435557

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