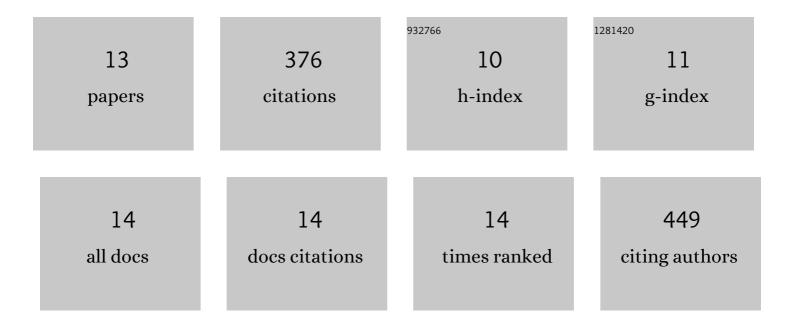
Adair Gallo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7616/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Electrification at water–hydrophobe interfaces. Nature Communications, 2020, 11, 5285.	5.8	75
2	Time-Dependent Wetting Behavior of PDMS Surfaces with Bioinspired, Hierarchical Structures. ACS Applied Materials & Interfaces, 2016, 8, 8168-8174.	4.0	67
3	Evaluating the potential of superhydrophobic nanoporous alumina membranes for direct contact membrane distillation. Journal of Colloid and Interface Science, 2019, 533, 723-732.	5.0	50
4	On the formation of hydrogen peroxide in water microdroplets. Chemical Science, 2022, 13, 2574-2583.	3.7	44
5	The chemical reactions in electrosprays of water do not always correspond to those at the pristine air–water interface. Chemical Science, 2019, 10, 2566-2577.	3.7	43
6	The Air–Water Interface of Water Microdroplets Formed by Ultrasonication or Condensation Does Not Produce H ₂ O ₂ . Journal of Physical Chemistry Letters, 2021, 12, 11422-11429.	2.1	25
7	Superhydrophobicity and size reduction enabled Halobates (Insecta: Heteroptera, Gerridae) to colonize the open ocean. Scientific Reports, 2020, 10, 7785.	1.6	22
8	How particle–particle and liquid–particle interactions govern the fate of evaporating liquid marbles. Soft Matter, 2021, 17, 7628-7644.	1.2	19
9	Nature-Inspired Superhydrophobic Sand Mulches Increase Agricultural Productivity and Water-Use Efficiency in Arid Regions. ACS Agricultural Science and Technology, 2022, 2, 276-288.	1.0	12
10	Reply to the â€~Comment on "The chemical reactions in electrosprays of water do not always correspond to those at the pristine air–water interfaceâ€â€™ by A. J. Colussi and S. Enami, <i>Chem. Sci.</i> , 2019, 10 , DOI: 10.1039/c9sc00991d. Chemical Science, 2019, 10, 8256-8261.	3.7	10
11	Nature-inspired wax-coated jute bags for reducingÂpost-harvest storage losses. Scientific Reports, 2021, 11, 15354.	1.6	7
12	Effects of superhydrophobic sand mulching on evapotranspiration and phenotypic responses in tomato (<i>Solanum lycopersicum</i>) plants under normal and reduced irrigation. Plant-Environment Interactions, 0, , .	0.7	1
13	ESTUDO CINÉTICO DA TROCA IÔNICA DO SISTEMA BINÃRIO Cu2+-Na+ UTILIZANDO A RESINA AMBERLITE IR-120. Engevista, 2014, 16, 232.	0.1	0