

Adair Gallo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7616/publications.pdf>

Version: 2024-02-01

13
papers

376
citations

932766

10
h-index

1281420

11
g-index

14
all docs

14
docs citations

14
times ranked

449
citing authors

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