

Hunter King

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

380
citations

8
h-index

13
g-index

13
ext. papers

449
ext. citations

5.8
avg, IF

3.58
L-index

#	Paper	IF	Citations
12	Tools, behavior, and materials: What should we learn from animal nest construction? 2022 , 183-214		0
11	An open-source dual-beam spectrophotometer for citizen-science-based water quality monitoring. <i>HardwareX</i> , 2021 , 10, e00241	2.7	1
10	Attractive forces slow contact formation between deformable bodies underwater. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
9	Surface morphology enhances deposition efficiency in biomimetic, wind-driven fog collection. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200038	4.1	3
8	Mechanics of randomly packed filaments—the Bird nest’s meta-material. <i>Journal of Applied Physics</i> , 2020 , 127, 050902	2.5	14
7	A 3D-Printable Dual Beam Spectrophotometer with Multiplatform Smartphone Adaptor. <i>Journal of Chemical Education</i> , 2019 , 96, 1527-1531	2.4	31
6	Solar-powered ventilation of African termite mounds. <i>Journal of Experimental Biology</i> , 2017 , 220, 3260-3269	3.69	32
5	Curvature-induced stiffness and the spatial variation of wavelength in wrinkled sheets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1144-9	11.5	62
4	Termite mounds harness diurnal temperature oscillations for ventilation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11589-93	11.5	67
3	Evaporative microclimate driven hygrometers and hygromotors. <i>Europhysics Letters</i> , 2014 , 107, 64002	1.6	13
2	Elastic sheet on a liquid drop reveals wrinkling and crumpling as distinct symmetry-breaking instabilities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9716-20	11.5	131
1	Inelastic impact of a sphere on a massive plane: Nonmonotonic velocity-dependence of the restitution coefficient. <i>Europhysics Letters</i> , 2011 , 93, 14002	1.6	23