

# Hunter King

## List of Publications by Citations

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