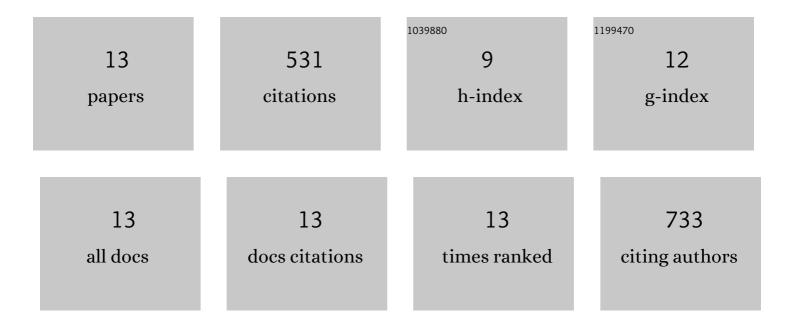
Hunter King

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8760250/publications.pdf Version: 2024-02-01



HUNTED KINC

#	Article	IF	CITATIONS
1	Elastic sheet on a liquid drop reveals wrinkling and crumpling as distinct symmetry-breaking instabilities. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9716-9720.	3.3	158
2	Termite mounds harness diurnal temperature oscillations for ventilation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11589-11593.	3.3	94
3	Curvature-induced stiffness and the spatial variation of wavelength in wrinkled sheets. Proceedings of the United States of America, 2016, 113, 1144-1149.	3.3	88
4	Solar-powered ventilation of African termite mounds. Journal of Experimental Biology, 2017, 220, 3260-3269.	0.8	46
5	A 3D-Printable Dual Beam Spectrophotometer with Multiplatform Smartphone Adaptor. Journal of Chemical Education, 2019, 96, 1527-1531.	1.1	40
6	Mechanics of randomly packed filaments—The "bird nest―as meta-material. Journal of Applied Physics, 2020, 127, .	1.1	32
7	Inelastic impact of a sphere on a massive plane: Nonmonotonic velocity-dependence of the restitution coefficient. Europhysics Letters, 2011, 93, 14002.	0.7	25
8	Evaporative microclimate driven hygrometers and hygromotors. Europhysics Letters, 2014, 107, 64002.	0.7	14
9	Micromechanical Origin of Plasticity and Hysteresis in Nestlike Packings. Physical Review Letters, 2022, 128, .	2.9	12
10	Attractive forces slow contact formation between deformable bodies underwater. Proceedings of the United States of America, 2021, 118, .	3.3	8
11	Surface morphology enhances deposition efficiency in biomimetic, wind-driven fog collection. Journal of the Royal Society Interface, 2020, 17, 20200038.	1.5	7
12	An open-source dual-beam spectrophotometer for citizen-science-based water quality monitoring. HardwareX, 2021, 10, e00241.	1.1	5
13	Tools, behavior, and materials: What should we learn from animal nest construction?. , 2022, , 183-214.		2