

Sang Eon Han

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

386
citations

1307594

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docs citations

13
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544
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Radiative Cooling by Paint-Format Microsphere-Based Photonic Random Media. ACS Photonics, 2018, 5, 1181-1187.	6.6	221
2	Observation of Thermal Beaming from Tungsten and Molybdenum Bullâ€™s Eyes. ACS Photonics, 2016, 3, 494-500.	6.6	63
3	Empirical Comparison of Random and Periodic Surface Lightâ€™Trapping Structures for Ultrathin Silicon Photovoltaics. Advanced Optical Materials, 2016, 4, 858-863.	7.3	28
4	Electrospinning to Surpass White Natural Silk in Sunlight Rejection for Radiative Cooling. Advanced Photonics Research, 2021, 2, 2100008.	3.6	18
5	Anisotropic diffusion in <i>Cyphochilus</i> white beetle scales. APL Photonics, 2020, 5, .	5.7	12
6	Radiative cooling by silicone-based coating with randomly distributed microbubble inclusions. Journal of Photonics for Energy, 2019, 9, 1.	1.3	11
7	Silicon Solar Cells: 15.7% Efficient 10â€™/4â€™Thick Crystalline Silicon Solar Cells Using Periodic Nanostructures (Adv. Mater. 13/2015). Advanced Materials, 2015, 27, 2268-2268.	21.0	10
8	Nanostructure regularity in white beetle scales for stability and strong optical scattering [Invited]. Optical Materials Express, 2021, 11, 1692.	3.0	6
9	Hand-twisting light. Nature Materials, 2016, 15, 377-378.	27.5	5
10	Control of Randomness in Microsphere-Based Photonic Crystals Assembled by Langmuirâ€™Blodgett Process. Langmuir, 2017, 33, 13783-13789.	3.5	5
11	Transport mean free path tensor and anisotropy tensor in anisotropic diffusion equation for optical media. Journal of Optics (United Kingdom), 2020, 22, 075606.	2.2	4
12	Surpassing Cyphochilus scales in optical scattering strength by well-controlled electrospun nanostructures. Optical Materials Express, 2022, 12, 2529.	3.0	3
13	Characterizing randomness in photonic glasses using autocorrelation functions of two-dimensional images. Optics Express, 2019, 27, 35842.	3.4	0