

Sang Eon Han

List of Publications by Year in descending order

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