

Martin Hammerschmidt

List of Publications by Year in descending order

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papers

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citations

1162367

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15
docs citations

15
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking Five Global Optimization Approaches for Nano-optical Shape Optimization and Parameter Reconstruction. ACS Photonics, 2019, 6, 2726-2733.	3.2	71
2	Prospects of light management in perovskite/silicon tandem solar cells. Nanophotonics, 2021, 10, 1991-2000.	2.9	29
3	Simulations of sinusoidal nanotextures for coupling light into c-Si thin-film solar cells. Optics Express, 2016, 24, A569.	1.7	21
4	Nanopatterned sapphire substrates in deep-UV LEDs: is there an optical benefit?. Optics Express, 2020, 28, 3619.	1.7	18
5	Modal analysis for nanoplasmonics with nonlocal material properties. Physical Review B, 2019, 100, .	1.1	15
6	Quasinormal mode expansion of optical far-field quantities. Physical Review B, 2020, 102, .	1.1	15
7	Optimized diamond inverted nanocones for enhanced color center to fiber coupling. Applied Physics Letters, 2021, 118, .	1.5	14
8	Double-layer metasurface for enhanced photon up-conversion. APL Photonics, 2021, 6, .	3.0	13
9	Quantifying parameter uncertainties in optical scatterometry using Bayesian inversion. , 2017, , .		8
10	On accurate simulations of thin-film solar cells with a thick glass superstrate. Optics Express, 2018, 26, A99.	1.7	8
11	Optimizing metal grating back reflectors for III-V-on-silicon multijunction solar cells. Optics Express, 2021, 29, 22517.	1.7	5
12	Sinusoidal gratings for optimized light management in c-Si thin-film solar cells. , 2016, , .		1
13	Reduced basis method for the electromagnetic scattering problem: a case study for FinFETs. Optical and Quantum Electronics, 2016, 48, 1.	1.5	1
14	Light management with sinusoidal nanotextures. , 2018, , .		0
15	Antireflective nanotextures for monolithic perovskite-silicon tandem solar cells. , 2018, , .		0