

Hua Xu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

434
citations

840585

11
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable-Manufactured Metamaterials for Simultaneous Visible Transmission, Infrared Reflection, and Microwave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33933-33943.	4.0	12
2	Universal strategy for all-weather and all-terrain radiative cooling with non-reciprocal mid-infrared windows. <i>Solar Energy</i> , 2020, 207, 471-478.	2.9	18
3	Flexible passive radiative cooling inspired by Saharan silver ants. <i>Solar Energy Materials and Solar Cells</i> , 2020, 210, 110512.	3.0	55
4	Non-tapered metamaterial emitters for radiative cooling to low temperature limit. <i>Optics Communications</i> , 2019, 450, 246-251.	1.0	21
5	Anomalous dispersion engineering of co-sputtering Ag-AZO hybrids for antireflection coatings. <i>Optics Letters</i> , 2017, 42, 2894.	1.7	1
6	Near-infrared subwavelength imaging using Al:ZnO-based near-field superlens. <i>Optical Materials Express</i> , 2016, 6, 3892.	1.6	5
7	Origin of strain-induced resonances in flexible terahertz metamaterials. <i>Chinese Physics B</i> , 2016, 25, 057802.	0.7	4
8	Facile bottom-up growth of pyramidally textured ZnO:Al films by combined chemical bathing and DC sputtering deposition. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10764-10769.	1.1	0
9	Strain Sensitivity of Electric-Magnetic Coupling in Flexible Terahertz Metamaterials. <i>Plasmonics</i> , 2015, 10, 1331-1335.	1.8	14
10	Simultaneous realization of light distribution and trapping in micromorph tandem solar cells using novel double-layered antireflection coatings. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 546-552.	3.0	9
11	Insight into the effects of surface oxidation and carbonization on the electronic properties of silicon quantum dots and silicon slabs: a density functional study. <i>RSC Advances</i> , 2014, 4, 60948-60952.	1.7	3
12	Sol-gel derived near-UV and visible antireflection coatings from hybridized hollow silica nanospheres. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 71, 267-275.	1.1	47
13	Multifunctional Antireflection Coatings Based on Novel Hollow Silica-Silica Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1415-1423.	4.0	115
14	Dynamic control of localized plasmonic modes using light polarization. <i>Optics Communications</i> , 2013, 311, 77-82.	1.0	1
15	Investigation on antireflection coatings for Al:ZnO in silicon thin-film solar cells. <i>Optik</i> , 2013, 124, 3392-3395.	1.4	22
16	Ultra-thin atomic-layer deposited alumina incorporating silica sol makes ultra-durable antireflection coatings. <i>Journal of Applied Physics</i> , 2012, 112, 093517.	1.1	9
17	Magnetic plasmon resonance: Underlying route to plasmonic electromagnetically induced transparency in metamaterials. <i>Physical Review B</i> , 2010, 82, .	1.1	27
18	Plasmonic analogue of atom systems with two-level to four-level configurations in metamaterials. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Studies of electromagnetically induced transparency in metamaterials. Optics Express, 2010, 18, 17736.	1.7	51
20	Relaxor-like dielectric behavior of pulsed-laser-deposited Pb _{0.5} Sr _{0.5} TiO ₃ films. Thin Solid Films, 2005, 493, 197-202.	0.8	20
21	Influence of oxygen pressure on Nd:LuVO ₄ films grown by pulsed laser deposition. Materials Research Bulletin, 2005, 40, 1915-1921.	2.7	0