

Siying Peng

List of Publications by Year in descending order

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8
papers

197
citations

1478505

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1588992

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8
all docs

8
docs citations

8
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Band Structure of Topological Silicon Photonic Lattices in the Visible Spectrum. <i>Physical Review Letters</i> , 2019, 122, 117401.	7.8	87
2	Three-Dimensional Single Gyroid Photonic Crystals with a Mid-Infrared Bandgap. <i>ACS Photonics</i> , 2016, 3, 1131-1137.	6.6	49
3	Growth mode control for direct-gap core/shell Ge/GeSn nanowire light emission. <i>Materials Today</i> , 2020, 40, 101-113.	14.2	22
4	Ultraviolet surface plasmon-mediated low temperature hydrazine decomposition. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	11
5	Plasmons and inter-band transitions of hexagonal close packed gold nanoparticles. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	8
6	Dispersion Mapping in 3-Dimensional Core-Shell Photonic Crystal Lattices Capable of Negative Refraction in the Mid-Infrared. <i>Nano Letters</i> , 2021, 21, 9102-9107.	9.1	8
7	Interaction and spectral gaps of surface plasmon modes in gold nano-structures. <i>Optics Express</i> , 2011, 19, 6587.	3.4	6
8	Bending and precipitate formation mechanisms in epitaxial Ge-core/GeSn-shell nanowires. <i>Nanoscale</i> , 2021, 13, 17547-17555.	5.6	6