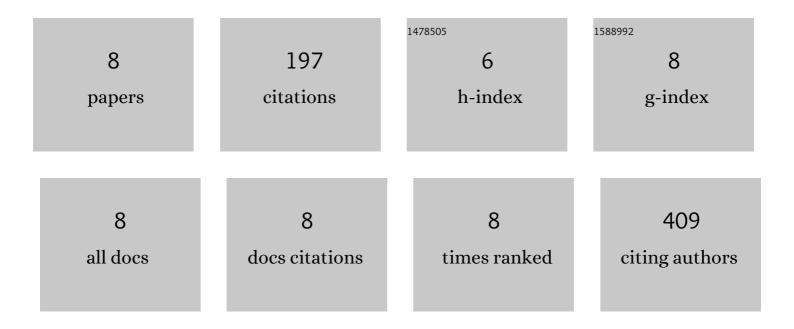
## Siying Peng

List of Publications by Year in descending order

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SIVING PENG

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