

Joshua Baxter

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

119
citations

1937685

4
h-index

2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulating Small Metallic Nanoparticles in FDTD: Nonlocal Correction to the Drude Model. NATO Science for Peace and Security Series B: Physics and Biophysics, 2022, , 299-301.	0.3	1
2	Parallel FDTD Modeling of Nonlocality in Plasmonics. IEEE Transactions on Antennas and Propagation, 2021, 69, 3982-3994.	5.1	12
3	Hyperpolarizability of Plasmonic Meta-Atoms in Metasurfaces. Nano Letters, 2021, 21, 51-59.	9.1	9
4	Deep Learning for Engineering Optical Scattering from Plasmonic Nanostructures. , 2021, , .		1
5	Plasmonic colours predicted by deep learning. Scientific Reports, 2019, 9, 8074.	3.3	66
6	Deep Learning and Inverse Design in Plasmonic. , 2019, , .		1
7	Topography Tuning for Plasmonic Color Enhancement via Picosecond Laser Bursts. Advanced Optical Materials, 2018, 6, 1800189.	7.3	29