Yashar Kiarashinejad

List of Publications by Year
in descending order

8 papers	786 citations	1307594 7 h-index	1720034 7 g-index
8 all docs	8 docs citations	8 times ranked	902 citing authors

#	Article	IF	Citations
1	Tunable nanophotonics enabled by chalcogenide phase-change materials. Nanophotonics, 2020, 9, 1189-1241.	6.0	294
2	Deep learning approach based on dimensionality reduction for designing electromagnetic nanostructures. Npj Computational Materials, 2020, 6, .	8.7	139
3	Full color generation with Fano-type resonant HfO$_2$ nanopillars designed by a deep-learning approach. Nanoscale, 2019, 11, 21266-21274.	5.6	89
4	Dynamic Hybrid Metasurfaces. Nano Letters, 2021, 21, 1238-1245.	9.1	85
5	Deep Learning Reveals Underlying Physics of Light–Matter Interactions in Nanophotonic Devices. Advanced Theory and Simulations, 2019, 2, 1900088.	2.8	77
6	Knowledge Discovery in Nanophotonics Using Geometric Deep Learning. Advanced Intelligent Systems, 2020, 2, 1900132.	6.1	76
7	Manifold Learning for Knowledge Discovery and Intelligent Inverse Design of Photonic Nanostructures: Breaking the Geometric Complexity. ACS Photonics, 2022, 9, 714-721.	6.6	25
8	Inverse Design of Nanophotonic Structures Using a Hybrid Dimensionality Reduction Technique. , 2020, , .		1