Yingheng Tang

List of Publications by Year
in descending order

8 papers	89 citations	2258059 3 h-index	2550090 3 g-index
8 all docs	8 docs citations	8 times ranked	69 citing authors

#	Article	IF	Citations
1	Machine learning for design and optimization of photonic devices. , 2022, , 337-374.		0
2	Physics-informed recurrent neural network for time dynamics in optical resonances. Nature Computational Science, 2022, 2, 169-178.	8.0	7
3	Learning To Find Good Correspondences Of Multiple Objects. , 2021, , .		4
4	Deep Neural Networks for Inverse Design of Nanophotonic Devices. Journal of Lightwave Technology, 2021, 39, 1010-1019.	4.6	24
5	Nano-Optic Broadband Power Splitter Design via Cycle-Consistent Adversarial Deep Learning. , 2021, , .		2
6	Inverse design for integrated photonics using deep neural network. , 2021, , .		1
7	Generative Deep Learning Model for Inverse Design of Integrated Nanophotonic Devices. Laser and Photonics Reviews, 2020, 14, 2000287.	8.7	47
8	Generative Deep Learning Model for a Multi-level Nano-Optic Broadband Power Splitter. , 2020, , .		4