Dayu Zhu

List of Publications by Citations

11 papers	608 citations	8 h-index	14 g-index
14 ext. papers	823 ext. citations	8.6 avg, IF	4.41 L-index

#	Paper	IF	Citations
11	Generative Model for the Inverse Design of Metasurfaces. *Nano Letters*, **2018**, 18, 6570-6576	11.5	323
10	Periodic inversion and phase transition of finite energy Airy beams in a medium with parabolic potential. *Optics Express*, **2015**, 23, 10467-80	3.3	109
9	Compounding Meta-Atoms into Metamolecules with Hybrid Artificial Intelligence Techniques. *Advanced Materials*, **2020**, 32, e1904790	24	55
8	Tackling Photonic Inverse Design with Machine Learning. *Advanced Science*, **2021**, 8, 2002923	13.6	29
7	Dressed four-wave mixing second-order Talbot effect. *Physical Review A*, **2014**, 90,	2.6	27
6	A Hybrid Strategy for the Discovery and Design of Photonic Structures. *IEEE Journal on Emerging and Selected Topics in Circuits and Systems*, **2020**, 10, 126-135	5.2	23
5	Phase Modulation in Rydberg Dressed Multi-Wave Mixing processes. *Scientific Reports*, **2015**, 5, 10462	4.9	20
4	Building Multifunctional Metasystems Algorithmic Construction. *ACS Nano*, **2021**, 15, 2318-2326	16.7	11
3	Multi-mode of Four and Six Wave Parametric Amplified Process. *Scientific Reports*, **2017**, 7, 43689	4.9	7
2	Co-existing of dressed non-linear gain and electromagnetically induced absorption. *Optical Materials*, **2015**, 49, 312-318	3.3	1
1	Vacuum-induced suppression and enhancement of four-wave mixing in an optical cavity. *Applied Physics B: Lasers and Optics*, **2015**, 120, 765-771	1.9	1