

# Dayu Zhu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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