

# Dayu Zhu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6170109/dayu-zhu-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Building Multifunctional Metasystems Algorithmic Construction. <i>ACS Nano</i> , <b>2021</b> , 15, 2318-2326	16.7	11
10	Tackling Photonic Inverse Design with Machine Learning. <i>Advanced Science</i> , <b>2021</b> , 8, 2002923	13.6	29
9	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
8	Compounding Meta-Atoms into Metamolecules with Hybrid Artificial Intelligence Techniques. <i>Advanced Materials</i> , <b>2020</b> , 32, e1904790	24	55
7	Generative Model for the Inverse Design of Metasurfaces. <i>Nano Letters</i> , <b>2018</b> , 18, 6570-6576	11.5	323
6	Multi-mode of Four and Six Wave Parametric Amplified Process. <i>Scientific Reports</i> , <b>2017</b> , 7, 43689	4.9	7
5	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
4	Co-existing of dressed non-linear gain and electromagnetically induced absorption. <i>Optical Materials</i> , <b>2015</b> , 49, 312-318	3.3	1
3	Phase Modulation in Rydberg Dressed Multi-Wave Mixing processes. <i>Scientific Reports</i> , <b>2015</b> , 5, 10462	4.9	20
2	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
1	Dressed four-wave mixing second-order Talbot effect. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	27