

# Yang Xia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3493371/publications.pdf>

Version: 2024-02-01

10  
papers

4,057  
citations

840119

11  
h-index

1281420

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

6425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of intrinsic ferromagnetism in two-dimensional van der Waals crystals. <i>Nature</i> , 2017, 546, 265-269.	13.7	3,260
2	Large-scale chemical assembly of atomically thin transistors and circuits. <i>Nature Nanotechnology</i> , 2016, 11, 954-959.	15.6	251
3	Athermal Broadband Graphene Optical Modulator with 35 GHz Speed. <i>ACS Photonics</i> , 2016, 3, 1564-1568.	3.2	152
4	Atomic-scale ion transistor with ultrahigh diffusivity. <i>Science</i> , 2021, 372, 501-503.	6.0	95
5	Stable Casimir equilibria and quantum trapping. <i>Science</i> , 2019, 364, 984-987.	6.0	63
6	Observation of Rydberg exciton polaritons and their condensate in a perovskite cavity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20274-20279.	3.3	49
7	A non-unitary metasurface enables continuous control of quantum photon-photon interactions from bosonic to fermionic. <i>Nature Photonics</i> , 2021, 15, 267-271.	15.6	41
8	Room-Temperature Giant Stark Effect of Single Photon Emitter in van der Waals Material. <i>Nano Letters</i> , 2019, 19, 7100-7105.	4.5	40
9	Realization of Translational Symmetry in Trapped Cold Ion Rings. <i>Physical Review Letters</i> , 2017, 118, 053001.	2.9	35
10	Topological kink plasmons on magnetic-domain boundaries. <i>Nature Communications</i> , 2019, 10, 4565.	5.8	14