

# Yiwei Zhang

## List of Publications by Year in descending order

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36  
papers

608  
citations

687363

13  
h-index

610901

24  
g-index

36  
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36  
docs citations

36  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplified Spontaneous Emission of Perovskite in Water: Towards Under-water Lasing. Materials Today Physics, 2022, , 100686.	6.0	0
2	An ultrastable perovskiteâ€“polymer exciplex through self energy-level adaption for under-water light-emitting devices. Journal of Materials Chemistry C, 2022, 10, 8609-8616.	5.5	4
3	Low-Temperature Discrimination of Defect States by Exciton Dynamics in Thin-Film MAPbBr <sub>3</sub> Perovskite. Journal of Physical Chemistry Letters, 2022, 13, 6093-6100.	4.6	1
4	A perovskite single crystal with one-dimensional structure enables photodetection with negligible hysteresis. Journal of Materials Chemistry C, 2021, 9, 3470-3476.	5.5	6
5	Ultrafast two-photon optical switch using single crystal hybrid halide perovskites. Optica, 2021, 8, 735.	9.3	10
6	Exciton Self-Trapping Dynamics in 1D Perovskite Single Crystals: Effect of Quantum Tunnelling. Journal of Physical Chemistry Letters, 2021, 12, 4509-4516.	4.6	20
7	Secondary Exciplex by Electromer Mediated Charge Transfer for Multiband Electroluminescence. ACS Macro Letters, 2021, 10, 1236-1242.	4.8	1
8	MoS <sub>2</sub> /pentacene hybrid complementary inverter based photodetector with amplified voltageâ€“output. Nanotechnology, 2021, 32, 015203.	2.6	5
9	Interface limited hole extraction from methylammonium lead iodide films. Materials Horizons, 2020, 7, 943-948.	12.2	9
10	Long-range exciton diffusion in non-fullerene acceptors and coarse bulk heterojunctions enable highly efficient organic photovoltaics. Journal of Materials Chemistry A, 2020, 8, 15687-15694.	10.3	33
11	Pyrene-benzo[1,2,5]thiadiazole based conjugated polymers for application in BHJ solar cells. Journal of Saudi Chemical Society, 2020, 24, 484-491.	5.2	5
12	End-emitting nano organic light emitting diodes (OLEDs) with directional output. Nanophotonics, 2020, 9, 2905-2913.	6.0	4
13	Tailoring exciton diffusion and domain size in photovoltaic small molecules by annealing. Journal of Materials Chemistry C, 2019, 7, 7922-7928.	5.5	21
14	Enhanced exciton harvesting in a planar heterojunction organic photovoltaic device by solvent vapor annealing. Organic Electronics, 2019, 70, 162-166.	2.6	11
15	Large Crystalline Domains and an Enhanced Exciton Diffusion Length Enable Efficient Organic Solar Cells. Chemistry of Materials, 2019, 31, 6548-6557.	6.7	42
16	Does 1,8-diiodooctane affect the aggregation state of PC <sub>71</sub> BM in solution?. Royal Society Open Science, 2018, 5, 180937.	2.4	7
17	Effect of fullerene acceptor on the performance of solar cells based on PffBT4T-2OD. Physical Chemistry Chemical Physics, 2018, 20, 19023-19029.	2.8	14
18	Current Status of Outdoor Lifetime Testing of Organic Photovoltaics. Advanced Science, 2018, 5, 1800434.	11.2	73

