

# Changjian Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4882985/changjian-zhang-publications-by-year.pdf>

**Version:** 2024-04-25

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

1,300  
citations

8  
h-index

12  
g-index

12  
ext. papers

1,540  
ext. citations

12.1  
avg, IF

4.84  
L-index

#	Paper	IF	Citations
11	Electron-hole hybridization in bilayer graphene. <i>National Science Review</i> , <b>2020</b> , 7, 248-253	10.8	3
10	Twistable electronics with dynamically rotatable heterostructures. <i>Science</i> , <b>2018</b> , 361, 690-693	33.3	242
9	Purcell-enhanced quantum yield from carbon nanotube excitons coupled to plasmonic nanocavities. <i>Nature Communications</i> , <b>2017</b> , 8, 1413	17.4	63
8	Radiative lifetimes of excitons and trions in monolayers of the metal dichalcogenide MoS <sub>2</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	120
7	Ultrafast response of monolayer molybdenum disulfide photodetectors. <i>Nature Communications</i> , <b>2015</b> , 6, 8831	17.4	105
6	Surface Recombination Limited Lifetimes of Photoexcited Carriers in Few-Layer Transition Metal Dichalcogenide MoS <sub>2</sub> . <i>Nano Letters</i> , <b>2015</b> , 15, 8204-10	11.5	106
5	Fast exciton annihilation by capture of electrons or holes by defects via Auger scattering in monolayer metal dichalcogenides. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	53
4	Ultrafast dynamics of defect-assisted electron-hole recombination in monolayer MoS <sub>2</sub> . <i>Nano Letters</i> , <b>2015</b> , 15, 339-45	11.5	411
3	Absorption of light by excitons and trions in monolayers of metal dichalcogenide MoS <sub>2</sub> : Experiments and theory. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	192
2	Carrier Relaxation Dynamics in MoS <sub>2</sub> Measured by Optical/THz Pump-Probe Spectroscopy <b>2013</b> ,		2
1	Ultrafast Carrier Dynamics in Single and Few Atomic Layer MoS <sub>2</sub> Studied by Two-Color Optical Pump-Probe <b>2013</b> ,		3