

Changjian Zhang

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

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