

Changjian Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,736
citations

1162367

8
h-index

1473754

9
g-index

12
all docs

12
docs citations

12
times ranked

3520
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Dynamics of Defect-Assisted Electron-Hole Recombination in Monolayer MoS ₂ . Nano Letters, 2015, 15, 339-345.	4.5	509
2	Twistable electronics with dynamically rotatable heterostructures. Science, 2018, 361, 690-693.	6.0	387
3	Absorption of light by excitons and trions in monolayers of metal dichalcogenide MoS_2 : Experiments and theory. Physical Review B, 2014, 89, .	1.1	228
4	Surface Recombination Limited Lifetimes of Photoexcited Carriers in Few-Layer Transition Metal Dichalcogenide MoS ₂ . Nano Letters, 2015, 15, 8204-8210.	4.5	153
5	Radiative lifetimes of excitons and trions in monolayers of the metal dichalcogenide MoS_2 . Physical Review B, 2016, 93, .	1.1	153
6	Ultrafast response of monolayer molybdenum disulfide photodetectors. Nature Communications, 2015, 6, 8831.	5.8	147
7	Purcell-enhanced quantum yield from carbon nanotube excitons coupled to plasmonic nanocavities. Nature Communications, 2017, 8, 1413.	5.8	87
8	Fast exciton annihilation by capture of electrons or holes by defects via Auger scattering in monolayer metal dichalcogenides. Physical Review B, 2015, 91, .	1.1	66
9	Electron-hole hybridization in bilayer graphene. National Science Review, 2020, 7, 248-253.	4.6	5
10	Ultrafast Carrier Dynamics in Single and Few Atomic Layer MoS ₂ Studied by Two-Color Optical Pump-Probe. , 2013, , .		4
11	Carrier Relaxation Dynamics in MoS ₂ Measured by Optical/THz Pump-Probe Spectroscopy. , 2013, , .		2
12	Optical Spectroscopy of Excitons and Trions in Single Layer MoS ₂ . , 2013, , .		0