

Yifeng Chen

List of Publications by Year in descending order

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623734

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docs citations

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times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact Super Electron-Donor to Monolayer MoS ₂ . Nano Letters, 2022, 22, 4501-4508.	9.1	8
2	Impurity-Induced Emission in Re-Doped WS ₂ Monolayers. Nano Letters, 2021, 21, 5293-5300.	9.1	21
3	Photophysical Characteristics of Boron Vacancy-Derived Defect Centers in Hexagonal Boron Nitride. Journal of Physical Chemistry C, 2021, 125, 21791-21802.	3.1	15
4	Point Defects and Localized Excitons in 2D WSe ₂ . ACS Nano, 2019, 13, 6050-6059.	14.6	127
5	Quasiparticle Levels at Large Interface Systems from Many-Body Perturbation Theory: The XAF-GW Method. Journal of Chemical Theory and Computation, 2019, 15, 3824-3835.	5.3	28
6	Tunable bright interlayer excitons in few-layer black phosphorus based van der Waals heterostructures. 2D Materials, 2018, 5, 045031.	4.4	28
7	Tuneable near white-emissive two-dimensional covalent organic frameworks. Nature Communications, 2018, 9, 2335.	12.8	230
8	Energy Level Alignment at Hybridized Organic-Metal Interfaces: The Role of Many-Electron Effects. Journal of Physical Chemistry C, 2017, 121, 13125-13134.	3.1	23
9	Atomistic modeling of phonon transport in turbostratic graphitic structures. Journal of Applied Physics, 2016, 119, .	2.5	5
10	Heterointerface Screening Effects between Organic Monolayers and Monolayer Transition Metal Dichalcogenides. ACS Nano, 2016, 10, 2476-2484.	14.6	87
11	Dynamic Structural Evolution of Metal-Metal Bonding Network in Monolayer WS ₂ . Chemistry of Materials, 2016, 28, 2308-2314.	6.7	37
12	Bandgap tunability at single-layer molybdenum disulphide grain boundaries. Nature Communications, 2015, 6, 6298.	12.8	358
13	Length dependence of electron transport through molecular wires – a first principles perspective. Physical Chemistry Chemical Physics, 2015, 17, 77-96.	2.8	46
14	Iron(ii) spin crossover films on Au(111): scanning probe microscopy and photoelectron spectroscopy. Chemical Communications, 2013, 49, 10446.	4.1	69
15	Modification of Molecular Spin Crossover in Ultrathin Films. Nano Letters, 2013, 13, 1429-1434.	9.1	83
16	Complex Materials for Molecular Spintronics Applications: Cobalt Bis(dioxolene) Valence Tautomers, from Molecules to Polymers. Journal of Physical Chemistry B, 2012, 116, 13141-13148.	2.6	42