Yifeng Chen

List of Publications by Year
in descending order

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16	1,207	623734	940533
papers	citations	14 h-index	16 g-index

17	17	17	2762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bandgap tunability at single-layer molybdenum disulphide grain boundaries. Nature Communications, 2015, 6, 6298.	12.8	358
2	Tuneable near white-emissive two-dimensional covalent organic frameworks. Nature Communications, 2018, 9, 2335.	12.8	230
3	Point Defects and Localized Excitons in 2D WSe₂. ACS Nano, 2019, 13, 6050-6059.	14.6	127
4	Heterointerface Screening Effects between Organic Monolayers and Monolayer Transition Metal Dichalcogenides. ACS Nano, 2016, 10, 2476-2484.	14.6	87
5	Modification of Molecular Spin Crossover in Ultrathin Films. Nano Letters, 2013, 13, 1429-1434.	9.1	83
6	Iron(ii) spin crossover films on Au(111): scanning probe microscopy and photoelectron spectroscopy. Chemical Communications, 2013, 49, 10446.	4.1	69
7	Length dependence of electron transport through molecular wires â€“ a first principles perspective. Physical Chemistry Chemical Physics, 2015, 17, 77-96.	2.8	46
8	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
9	Dynamic Structural Evolution of Metalâ€“Metal Bonding Network in Monolayer WS₂. Chemistry of Materials, 2016, 28, 2308-2314.	6.7	37
10	Tunable bright interlayer excitons in few-layer black phosphorus based van der Waals heterostructures. 2D Materials, 2018, 5, 045031.	4.4	28
11	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
12	Energy Level Alignment at Hybridized Organicâ€“Metal Interfaces: The Role of Many-Electron Effects. Journal of Physical Chemistry C, 2017, 121, 13125-13134.	3.1	23
13	Impurity-Induced Emission in Re-Doped WS₂ Monolayers. Nano Letters, 2021, 21, 5293-5300.	9.1	21
14	Photophysical Characteristics of Boron Vacancy-Derived Defect Centers in Hexagonal Boron Nitride. Journal of Physical Chemistry C, 2021, 125, 21791-21802.	3.1	15
15	Compact Super Electron-Donor to Monolayer MoS₂. Nano Letters, 2022, 22, 4501-4508.	9.1	8
16	Atomistic modeling of phonon transport in turbostratic graphitic structures. Journal of Applied Physics, 2016, 119, .	2.5	5