

Wisit Hirunpinyopas

List of Publications by Year in descending order

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19
papers

624
citations

932766

10
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

1122
citing authors

#	ARTICLE	IF	CITATIONS
1	Auto-oxidation of exfoliated MoS ₂ in <i>N</i> -methyl-2-pyrrolidone: from 2D nanosheets to 3D nanorods. <i>New Journal of Chemistry</i> , 2022, 46, 747-755.	1.4	9
2	Insights into binding mechanisms of size-selected graphene binders for flexible and conductive porous carbon electrodes. <i>Electrochimica Acta</i> , 2022, 403, 139696.	2.6	11
3	Controlling the flake size of bifunctional 2D WSe ₂ nanosheets as flexible binders and supercapacitor materials. <i>Nanoscale Advances</i> , 2021, 3, 653-660.	2.2	30
4	The electrochemistry of size dependent graphene <i>via</i> liquid phase exfoliation: capacitance and ionic transport. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11616-11623.	1.3	11
5	A Review: Ion Transport of Two-Dimensional Materials in Novel Technologies from Macro to Nanoscopic Perspectives. <i>Energies</i> , 2021, 14, 5819.	1.6	7
6	The vertically aligned graphene/graphite/PPy composites electrode and its PPy thickness-dependent electrochemical performance. <i>Electrochimica Acta</i> , 2021, 399, 139426.	2.6	7
7	Tunable charge/size selective ion sieving with ultrahigh water permeance through laminar graphene membranes. <i>Carbon</i> , 2020, 156, 119-129.	5.4	41
8	Potential dependent ionic sieving through functionalized laminar MoS ₂ membranes. <i>2D Materials</i> , 2020, 7, 015030.	2.0	21
9	Capacitance of Basal Plane and Edge-Oriented Highly Ordered Pyrolytic Graphite: Specific Ion Effects. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 617-623.	2.1	50
10	Electrochemical intercalation of MoO ₃ -MoS ₂ composite electrodes: Charge storage mechanism of non-hydrated cations. <i>Electrochimica Acta</i> , 2019, 307, 176-187.	2.6	29
11	Well-Defined Boron/Nitrogen-Doped Polycyclic Aromatic Hydrocarbons Are Active Electrocatalysts for the Oxygen Reduction Reaction. <i>Chemistry of Materials</i> , 2019, 31, 1891-1898.	3.2	42
12	Black phosphorus with near-superhydrophobic properties and long-term stability in aqueous media. <i>Chemical Communications</i> , 2018, 54, 3831-3834.	2.2	28
13	The modelling and enhancement of water hydrodynamics: general discussion. <i>Faraday Discussions</i> , 2018, 209, 273-285.	1.6	2
14	Applications to water transport systems: general discussion. <i>Faraday Discussions</i> , 2018, 209, 389-414.	1.6	4
15	Hydrogen Evolution at Liquid Liquid Interfaces Catalyzed by 2D Materials. <i>ChemNanoMat</i> , 2017, 3, 428-435.	1.5	29
16	Desalination and Nanofiltration through Functionalized Laminar MoS ₂ Membranes. <i>ACS Nano</i> , 2017, 11, 11082-11090.	7.3	275
17	Facile fabrication of metal-organic framework HKUST-1-based rewritable data storage devices. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8687-8695.	2.7	25
18	Sm/N-codoped TiO ₂ preparation, characterization, and photocatalytic decolourization of Acid Orange 7 and Basic Blue 41 in sunlight. <i>ScienceAsia</i> , 2015, 41, 42.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Synthesis of Carbon Dots from the Biomass Products for Supercapacitor Applications. IOP Conference Series: Materials Science and Engineering, 0, 773, 012022.	0.3	3