

# Wisit Hirunpinyopas

## List of Publications by Year in descending order

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19  
papers

624  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Desalination and Nanofiltration through Functionalized Laminar MoS <sub>2</sub> Membranes. ACS Nano, 2017, 11, 11082-11090.	14.6	275
2	Capacitance of Basal Plane and Edge-Oriented Highly Ordered Pyrolytic Graphite: Specific Ion Effects. Journal of Physical Chemistry Letters, 2019, 10, 617-623.	4.6	50
3	Well-Defined Boron/Nitrogen-Doped Polycyclic Aromatic Hydrocarbons Are Active Electrocatalysts for the Oxygen Reduction Reaction. Chemistry of Materials, 2019, 31, 1891-1898.	6.7	42
4	Tunable charge/size selective ion sieving with ultrahigh water permeance through laminar graphene membranes. Carbon, 2020, 156, 119-129.	10.3	41
5	Controlling the flake size of bifunctional 2D WSe <sub>2</sub> nanosheets as flexible binders and supercapacitor materials. Nanoscale Advances, 2021, 3, 653-660.	4.6	30
6	Hydrogen Evolution at Liquid   Liquid Interfaces Catalyzed by 2D Materials. ChemNanoMat, 2017, 3, 428-435.	2.8	29
7	Electrochemical intercalation of MoO <sub>3</sub> -MoS <sub>2</sub> composite electrodes: Charge storage mechanism of non-hydrated cations. Electrochimica Acta, 2019, 307, 176-187.	5.2	29
8	Black phosphorus with near-superhydrophobic properties and long-term stability in aqueous media. Chemical Communications, 2018, 54, 3831-3834.	4.1	28
9	Facile fabrication of metal-organic framework HKUST-1-based rewritable data storage devices. Journal of Materials Chemistry C, 2016, 4, 8687-8695.	5.5	25
10	Potential dependent ionic sieving through functionalized laminar MoS <sub>2</sub> membranes. 2D Materials, 2020, 7, 015030.	4.4	21
11	The electrochemistry of size dependent graphene <i>via</i> liquid phase exfoliation: capacitance and ionic transport. Physical Chemistry Chemical Physics, 2021, 23, 11616-11623.	2.8	11
12	Insights into binding mechanisms of size-selected graphene binders for flexible and conductive porous carbon electrodes. Electrochimica Acta, 2022, 403, 139696.	5.2	11
13	Auto-oxidation of exfoliated MoS <sub>2</sub> in <i>N</i> -methyl-2-pyrrolidone: from 2D nanosheets to 3D nanorods. New Journal of Chemistry, 2022, 46, 747-755.	2.8	9
14	A Review: Ion Transport of Two-Dimensional Materials in Novel Technologies from Macro to Nanoscopic Perspectives. Energies, 2021, 14, 5819.	3.1	7
15	The vertically aligned graphene/graphite/PPy composites electrode and its PPy thickness-dependent electrochemical performance. Electrochimica Acta, 2021, 399, 139426.	5.2	7
16	Applications to water transport systems: general discussion. Faraday Discussions, 2018, 209, 389-414.	3.2	4
17	Synthesis of Carbon Dots from the Biomass Products for Supercapacitor Applications. IOP Conference Series: Materials Science and Engineering, 0, 773, 012022.	0.6	3
18	The modelling and enhancement of water hydrodynamics: general discussion. Faraday Discussions, 2018, 209, 273-285.	3.2	2

#	ARTICLE	IF	CITATIONS
19	Sm/N-codoped TiO <sub>2</sub> preparation, characterization, and photocatalytic decolourization of Acid Orange 7 and Basic Blue 41 in sunlight. ScienceAsia, 2015, 41, 42.	0.5	0