

# Hanyang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5719660/publications.pdf>

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16  
papers

359  
citations

933447

10  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic properties of graphene aerogels made by freeze-casting. <i>Chemical Engineering Journal</i> , 2022, 428, 131337.	12.7	24
2	A general approach to composites containing nonmetallic fillers and liquid gallium. <i>Science Advances</i> , 2021, 7, .	10.3	65
3	Topochemical Intercalation of Graphitic Carbon Nitride with Alkali Metals in Ethylenediamine. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9947-9955.	3.1	6
4	CVD Growth of Porous Graphene Foam in Film Form. <i>Matter</i> , 2020, 3, 487-497.	10.0	46
5	The Electromagnetic Absorption of a Na-Ethylenediamine Graphite Intercalation Compound. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 16841-16848.	8.0	12
6	Effect of Copper Substrate Surface Orientation on the Reductive Functionalization of Graphene. <i>Chemistry of Materials</i> , 2019, 31, 8639-8648.	6.7	6
7	Cathode healing methods for recycling of lithium-ion batteries. <i>Sustainable Materials and Technologies</i> , 2019, 22, e00113.	3.3	36
8	Intercalation of imidazolium cations into graphite via ion exchange. <i>Materials Letters</i> , 2018, 222, 150-152.	2.6	3
9	Structure and Dynamic Behavior of the Na <sup>+</sup> -Crown Ether Complex in the Graphite Layers Studied by DFT and <sup>1</sup> H NMR. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10963-10970.	3.1	12
10	Pillared graphite anodes for reversible sodiation. <i>Nanotechnology</i> , 2018, 29, 325402.	2.6	15
11	Graphite Intercalation by Mg Diamine Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 8042-8045.	4.0	5
12	Preparation of Graphite Intercalation Compounds Containing Crown Ethers. <i>Inorganic Chemistry</i> , 2016, 55, 8281-8284.	4.0	21
13	Preparation of graphite intercalation compounds containing oligo and polyethers. <i>Nanoscale</i> , 2016, 8, 4608-4612.	5.6	15
14	Preparation, Characterization, and Structure Trends for Graphite Intercalation Compounds Containing Pyrrolidinium Cations. <i>Chemistry of Materials</i> , 2016, 28, 969-974.	6.7	21
15	Super-long barnesite Na <sub>2</sub> V <sub>6</sub> O <sub>16</sub> ·3H <sub>2</sub> O nanobelts for aligned film electrodes with enhanced anisotropic electrical transport. <i>RSC Advances</i> , 2012, 2, 7290.	3.6	9
16	CuInSe <sub>2</sub> ultrathin nanoplatelets: novel self-sacrificial template-directed synthesis and application for flexible photodetectors. <i>Chemical Communications</i> , 2012, 48, 9162.	4.1	63