

Yuyoung Shin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

551
citations

840776

11
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

1035
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene and other 2D materials: a multidisciplinary analysis to uncover the hidden potential as cancer theranostics. <i>Theranostics</i> , 2020, 10, 5435-5488.	10.0	80
2	Enhancing the Liquid-Phase Exfoliation of Graphene in Organic Solvents upon Addition of n-Octylbenzene. <i>Scientific Reports</i> , 2015, 5, 16684.	3.3	79
3	Dispersant-assisted liquid-phase exfoliation of 2D materials beyond graphene. <i>Nanoscale</i> , 2021, 13, 460-484.	5.6	69
4	Raman Fingerprints of Graphene Produced by Anodic Electrochemical Exfoliation. <i>Nano Letters</i> , 2020, 20, 3411-3419.	9.1	59
5	The influence of few-layer graphene on the gas permeability of the high-free-volume polymer PIM-1. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150031.	3.4	51
6	Self-catalytic membrane photo-reactor made of carbon nitride nanosheets. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11666-11671.	10.3	47
7	Synthesis and characterization of composite membranes made of graphene and polymers of intrinsic microporosity. <i>Carbon</i> , 2016, 102, 357-366.	10.3	34
8	Perchlorination of Coronene Enhances its Propensity for Self-Assembly on Graphene. <i>ChemPhysChem</i> , 2016, 17, 352-357.	2.1	24
9	Stable, concentrated, biocompatible, and defect-free graphene dispersions with positive charge. <i>Nanoscale</i> , 2020, 12, 12383-12394.	5.6	23
10	Graphene oxide nanosheets modulate spinal glutamatergic transmission and modify locomotor behaviour in an <i>in vivo</i> zebrafish model. <i>Nanoscale Horizons</i> , 2020, 5, 1250-1263.	8.0	21
11	Two-Dimensional Transition Metal Dichalcogenides Trigger Trained Immunity in Human Macrophages through Epigenetic and Metabolic Pathways. <i>Small</i> , 2022, 18, e2107816.	10.0	16
12	Charge-tunable graphene dispersions in water made with amphoteric pyrene derivatives. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 503-510.	3.4	13
13	Enhanced liquid phase exfoliation of graphene in water using an insoluble bis-pyrene stabiliser. <i>Faraday Discussions</i> , 2021, 227, 46-60.	3.2	12
14	Insights into the exfoliation mechanism of pyrene-assisted liquid phase exfoliation of graphene from lateral size-thickness characterisation. <i>Carbon</i> , 2022, 186, 550-559.	10.3	12
15	Palladium catalysed C-H arylation of pyrenes: access to a new class of exfoliating agents for water-based graphene dispersions. <i>Chemical Science</i> , 2020, 11, 2472-2478.	7.4	10
16	Perchlorination of Coronene Enhances its Propensity for Self-Assembly on Graphene. <i>ChemPhysChem</i> , 2016, 17, 330-330.	2.1	1