

Yuyoung Shin

List of Publications by Year in descending order

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16
papers

551
citations

840776
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docs citations

17
times ranked

1035
citing authors

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