Saerona Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11927399/publications.pdf

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14	328	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	396
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Graphene-Embedded Hydrogel Nanofibers for Detection and Removal of Aqueous-Phase Dyes. ACS Applied Materials & Interfaces, 2017, 9, 10768-10776.	8.0	67
2	Carboxylic Acid-Functionalized Conducting-Polymer Nanotubes as Highly Sensitive Nerve-Agent Chemiresistors. Scientific Reports, 2016, 6, 33724.	3.3	55
3	Photocatalytic Chemoselective Câ€“C Bond Cleavage at Room Temperature in Dye-Sensitized Photoelectrochemical Cells. ACS Catalysis, 2021, 11, 3771-3781.	11.2	35
4	A Solution-Processable, Nanostructured, and Conductive Graphene/Polyaniline Hybrid Coating for Metal-Corrosion Protection and Monitoring. Scientific Reports, 2017, 7, 15184.	3.3	29
5	Physical exfoliation of graphene and molybdenum disulfide sheets using conductive polyaniline: an efficient route for synthesizing unique, random-layered 3D ternary electrode materials. New Journal of Chemistry, 2018, 42, 17379-17388.	2.8	25
6	Tunable Electrical-Sensing Performance of Random-Alternating Layered Graphene/Polyaniline Nanoarchitectures. Journal of Physical Chemistry C, 2016, 120, 18289-18295.	3.1	17
7	Nanostructured mesophase electrode materials: modulating charge-storage behavior by thermal treatment. Nanoscale, 2017, 9, 17450-17458.	5.6	17
8	Single-Walled Carbon Nanotube-in-Binary-Polymer Nanofiber Structures and Their Use as Carbon Precursors for Electrochemical Applications. Journal of Physical Chemistry C, 2018, 122, 4189-4198.	3.1	17
9	Electrical monitoring of photoisomerization of block copolymers intercalated into graphene sheets. Nature Communications, 2020, 11, 1324.	12.8	17
10	Development of Effective Porosity in Carbon Nanofibers Based on Phase Behavior of Ternary Polymer Blend Precursors: Toward High-Performance Electrode Materials. Journal of Physical Chemistry C, 2017, 121, 18480-18489.	3.1	13
11	Enhanced Photocatalytic Alcohol Oxidation at the Interface of RuC-Coated TiO₂ Nanorod Arrays. ACS Applied Materials & Interfaces, 2022, 14, 22799-22809.	8.0	13
12	Single-walled carbon nanotube-mediated physical gelation of binary polymer blends: An efficient route to versatile porous carbon electrode materials. Chemical Engineering Journal, 2018, 353, 849-857.	12.7	10
13	Ru(II) Polypyridyl-Modified TiO₂ Nanoparticles for Photocatalytic Câ€“C/Câ€“O Bond Cleavage at Room Temperature. ACS Applied Nano Materials, 2022, 5, 948-956.	5.0	9
14	Tuning the microphase behavior of carbon-precursor polymer blends with surfactant-like nanotubes: Toward catalyst support for water splitting. Chemical Engineering Journal, 2022, 431, 134027.	12.7	4