

Sangwoo Chae

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

127
citations

1684188

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1372567

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g-index

12
all docs

12
docs citations

12
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	p-Type Doping of Graphene with Cationic Nitrogen. ACS Applied Nano Materials, 2019, 2, 1350-1355.	5.0	48
2	<i>In situ</i> synthesis of copper nanoparticles encapsulated by nitrogen-doped graphene at room temperature <i>via</i> solution plasma. RSC Advances, 2020, 10, 36627-36635.	3.6	17
3	Synthesis of Few-Layer Graphene by Peeling Graphite Flakes via Electron Exchange in Solution Plasma. Journal of Physical Chemistry C, 2017, 121, 23793-23802.	3.1	14
4	Single-Walled Carbon Nanotubes Wrapped by Cationic Nitrogen-Doped Carbon for Electrocatalytic Applications. ACS Applied Nano Materials, 2020, 3, 10183-10189.	5.0	14
5	Facile synthesis of ZnO nanobullets by solution plasma without chemical additives. RSC Advances, 2021, 11, 26785-26790.	3.6	8
6	Nitriding an Oxygen-Doped Nanocarbonaceous Sorbent Synthesized via Solution Plasma Process for Improving CO ₂ Adsorption Capacity. Nanomaterials, 2019, 9, 1776.	4.1	6
7	Cationic nitrogen-doped graphene as a p-type modifier for high-performance PEDOT:PSS hole transporters in organic solar cells. Japanese Journal of Applied Physics, 2021, 60, 070902.	1.5	6
8	Li ⁺ air battery and ORR activity of nanocarbons produced with good synthesis rate by solution plasma process. Materials Advances, 2021, 2, 2636-2641.	5.4	5
9	Morphology control of ZnO nanostructures using Zn and W electrodes in solution plasma process. Materials Letters, 2022, 309, 131349.	2.6	4
10	The Nano-Structure and Their Properties of Exfoliation Several Layers-Stacked Graphene Prepared from Graphite Dispersed in Aqueous Solutions by Solution Plasma. Nanoscience and Nanotechnology Letters, 2018, 10, 784-789.	0.4	3
11	Structure and properties of nanocarbons-encapsulated WC synthesized by solution plasma process in palm oils. Materials Express, 2021, 11, 1602-1607.	0.5	1
12	High electrical conductivity and oxidation reduction reaction activity of tungsten carbide/carbon nanocomposite synthesized from palm oil by solution plasma process. Materials Express, 2021, 11, 1587-1593.	0.5	1