

Chaojie Cui

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16 papers	884 citations	10 h-index	18 g-index
18 ext. papers	1,141 ext. citations	10.5 avg, IF	4.68 L-index

#	Paper	IF	Citations
16	Carbon nanotube- and graphene-based nanomaterials and applications in high-voltage supercapacitor: A review. <i>Carbon</i> , 2019 , 141, 467-480	10.4	386
15	Highly electroconductive mesoporous graphene nanofibers and their capacitance performance at 4 V. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2256-9	16.4	176
14	Two-dimensional materials with piezoelectric and ferroelectric functionalities. <i>Npj 2D Materials and Applications</i> , 2018 , 2,	8.8	147
13	The Application of Carbon Nanotube/Graphene-Based Nanomaterials in Wastewater Treatment. <i>Small</i> , 2020 , 16, e1902301	11	44
12	EMIMBF ₄ /BL binary electrolyte working at 70 °C and 3.7 V for a high performance graphene-based capacitor. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3593-3601	13	34
11	High energy and high power density supercapacitor with 3D Al foam-based thick graphene electrode: Fabrication and simulation. <i>Energy Storage Materials</i> , 2020 , 33, 18-25	19.4	22
10	Carbon nanotube production and application in energy storage. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013 , 8, 234-245	1.3	19
9	Full capacitance potential of SWCNT electrode in ionic liquids at 4 V. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 19897-19902	13	15
8	Highly selective synthesis of single-walled carbon nanotubes from methane in a coupled Downer-turbulent fluidized-bed reactor. <i>Journal of Energy Chemistry</i> , 2013 , 22, 567-572	12	10
7	Perspective to the Potential Use of Graphene in Li-Ion Battery and Supercapacitor. <i>Chemical Record</i> , 2019 , 19, 1256-1262	6.6	10
6	Catalytic methane technology for carbon nanotubes and graphene. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 991-1004	4.9	8
5	Carbon nanotube-alumina strips as robust, rapid, reversible adsorbents of organics.. <i>RSC Advances</i> , 2018 , 8, 10715-10718	3.7	3
4	Ultrafast Nonvolatile Ionic Liquids-Based Supercapacitors with Al Foam-Enhanced Carbon Electrode. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 53904-53914	9.5	2
3	High power density & energy density Li-ion battery with aluminum foam enhanced electrode: Fabrication and simulation. <i>Journal of Power Sources</i> , 2022 , 524, 230977	8.9	0
2	High-Performance Graphene/Carbon Nanotube-Based Adsorbents for Treating Diluted -Cresol in Water in a Pilot-Plant Scale Demo. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43266-43272	9.5	0
1	Advances in Precise Structure Control and Assembly toward the Carbon Nanotube Industry (Adv. Funct. Mater. 11/2022). <i>Advanced Functional Materials</i> , 2022 , 32, 2270067	15.6	0