

Victor O Koroteev

List of Publications by Year in Descending Order

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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.

32
papers

627
citations

13
h-index

24
g-index

36
ext. papers

724
ext. citations

5.7
avg, IF

3.55
L-index

#	Paper	IF	Citations
32	Role of interface interactions in the sensitivity of sulfur-modified single-walled carbon nanotubes for nitrogen dioxide gas sensing. <i>Carbon</i> , 2022 , 186, 539-549	10.4	5
31	Iron induced porosity of the templated carbon for enhancement of electrochemical capacitance. <i>Applied Surface Science</i> , 2021 , 543, 148565	6.7	1
30	On the stability of Li intercalated fine-grained graphitic material. <i>Carbon</i> , 2021 , 173, 792-799	10.4	0
29	Nanoscale coupling of MoS ₂ and graphene via rapid thermal decomposition of ammonium tetrathiomolybdate and graphite oxide for boosting capacity of Li-ion batteries. <i>Carbon</i> , 2021 , 173, 194-204	10.4	10
28	Comment on On the Difficulties and Pitfalls with the Analysis of Solid-State ¹³ C NMR Spectra in Graphitic Materials <i>Applied Magnetic Resonance</i> , 2021 , 52, 81-90	0.8	1
27	Anode materials from MoS ₂ and multilayered holey graphene for Li-ion batteries. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020 , 28, 328-334	1.8	5
26	Synthesis of Porous Nanostructured MoS ₂ Materials in Thermal Shock Conditions and Their Performance in Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020 , 3, 10802-10813	6.1	1
25	Preferred attachment of fluorine near oxygen-containing groups on the surface of double-walled carbon nanotubes. <i>Applied Surface Science</i> , 2020 , 504, 144357	6.7	12
24	Effect of Charge Transfer upon Li- and Na-Ion Insertion in Fine-Grained Graphitic Material as Probed by NMR. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9291-9300	9.5	7
23	Pressure-Assisted Interface Engineering in MoS ₂ /Holey Graphene Hybrids for Improved Performance in Li-ion Batteries. <i>Energy Technology</i> , 2019 , 7, 1900659	3.5	5
22	Phosphorus incorporation into graphitic material via hot pressing of graphite oxide and triphenylphosphine. <i>Synthetic Metals</i> , 2019 , 248, 53-58	3.6	7
21	Graphitization of ¹³ C enriched fine-grained graphitic material under high-pressure annealing. <i>Carbon</i> , 2019 , 141, 323-330	10.4	15
20	Optical spectroscopy as a tool for battery research. <i>Physical Sciences Reviews</i> , 2019 , 4,	1.4	3
19	High-Pressure High-Temperature Synthesis of MoS ₂ /Holey Graphene Hybrids and Their Performance in Li-Ion Batteries. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700262	1.3	15
18	Effect of in-plane size of MoS ₂ nanoparticles grown over multilayer graphene on the electrochemical performance of anodes in Li-ion batteries. <i>Electrochimica Acta</i> , 2018 , 283, 45-53	6.7	13
17	Characterization of Nanomaterials for Energy Storage 2017 , 171-193		1
16	Effect of the fluorination technique on the surface-fluorination patterning of double-walled carbon nanotubes. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 1688-1698	3	23

15	Multiscale characterization of ¹³ C-enriched fine-grained graphitic materials for chemical and electrochemical applications. <i>Carbon</i> , 2017 , 124, 161-169	10.4	13
14	Single-Walled Carbon Nanotube Reactor for Redox Transformation of Mercury Dichloride. <i>ACS Nano</i> , 2017 , 11, 8643-8649	16.7	24
13	Reaction kinetics of bond rotations in graphene. <i>Carbon</i> , 2016 , 105, 176-182	10.4	16
12	Enhanced supercapacitance of vertically aligned multi-wall carbon nanotube array covered by MoS ₂ nanoparticles. <i>Physica Status Solidi (B): Basic Research</i> , 2016 , 253, 2451-2456	1.3	10
11	Nanometer-Sized MoS ₂ Clusters on Graphene Flakes for Catalytic Formic Acid Decomposition. <i>ACS Catalysis</i> , 2014 , 4, 3950-3956	13.1	39
10	Bromination of Double-Walled Carbon Nanotubes. <i>Chemistry of Materials</i> , 2012 , 24, 2708-2715	9.6	58
9	Formation of Mo ₂ S ₃ Layers on the Surface of Graphitic Platelets. <i>Key Engineering Materials</i> , 2012 , 508, 56-60	0.4	4
8	Quantum Confinement in MoS ₂ Nanoparticles Grown on Graphitic Substrate. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2012 , 7, 50-53	1.3	3
7	Charge Transfer in the MoS ₂ /Carbon Nanotube Composite. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 21199-21204	3.8	222
6	Formation of MoS ₂ nanoparticles on the surface of reduced graphite oxide. <i>Physica Status Solidi (B): Basic Research</i> , 2011 , 248, 2740-2743	1.3	30
5	Formation of Mo ₃ S ₄ Nanoparticles on the Graphitic Substrate. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010 , 19, 39-43	1.8	2
4	Stability of Fluorinated Double-Walled Carbon Nanotubes Produced by Different Fluorination Techniques. <i>Chemistry of Materials</i> , 2010 , 22, 4197-4203	9.6	44
3	X-ray spectral study of a material containing BN nanostructures. <i>Journal of Structural Chemistry</i> , 2008 , 49, 40-46	0.9	3
2	Optical absorption of boron nitride nanomaterials. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2107-2110	1.3	13
1	Growth of MoS ₂ layers on the surface of multiwalled carbon nanotubes. <i>Inorganic Materials</i> , 2007 , 43, 236-239	0.9	20