Victor O Koroteev

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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	Charge Transfer in the MoS2/Carbon Nanotube Composite. *Journal of Physical Chemistry C*, **2011**, 115, 21199-21204	3.8	222
31	Bromination of Double-Walled Carbon Nanotubes. *Chemistry of Materials*, **2012**, 24, 2708-2715	9.6	58
30	Stability of Fluorinated Double-Walled Carbon Nanotubes Produced by Different Fluorination Techniques. *Chemistry of Materials*, **2010**, 22, 4197-4203	9.6	44
29	Nanometer-Sized MoS2 Clusters on Graphene Flakes for Catalytic Formic Acid Decomposition. *ACS Catalysis*, **2014**, 4, 3950-3956	13.1	39
28	Formation of MoS2 nanoparticles on the surface of reduced graphite oxide. *Physica Status Solidi (B): Basic Research*, **2011**, 248, 2740-2743	1.3	30
27	Single-Walled Carbon Nanotube Reactor for Redox Transformation of Mercury Dichloride. *ACS Nano*, **2017**, 11, 8643-8649	16.7	24
26	Effect of the fluorination technique on the surface-fluorination patterning of double-walled carbon nanotubes. *Beilstein Journal of Nanotechnology*, **2017**, 8, 1688-1698	3	23
25	Growth of MoS2 layers on the surface of multiwalled carbon nanotubes. *Inorganic Materials*, **2007**, 43, 236-239	0.9	20
24	Reaction kinetics of bond rotations in graphene. *Carbon*, **2016**, 105, 176-182	10.4	16
23	High-Pressure High-Temperature Synthesis of MoS2/Holey Graphene Hybrids and Their Performance in Li-Ion Batteries. *Physica Status Solidi (B): Basic Research*, **2018**, 255, 1700262	1.3	15
22	Graphitization of 13C enriched fine-grained graphitic material under high-pressure annealing. *Carbon*, **2019**, 141, 323-330	10.4	15
21	Effect of in-plane size of MoS2 nanoparticles grown over multilayer graphene on the electrochemical performance of anodes in Li-ion batteries. *Electrochimica Acta*, **2018**, 283, 45-53	6.7	13
20	Multiscale characterization of 13C-enriched fine-grained graphitic materials for chemical and electrochemical applications. *Carbon*, **2017**, 124, 161-169	10.4	13
19	Optical absorption of boron nitride nanomaterials. *Physica Status Solidi (B): Basic Research*, **2008**, 245, 2107-2110	1.3	13
18	Preferred attachment of fluorine near oxygen-containing groups on the surface of double-walled carbon nanotubes. *Applied Surface Science*, **2020**, 504, 144357	6.7	12
17	Enhanced supercapacitance of vertically aligned multi-wall carbon nanotube array covered by MoS2 nanoparticles. *Physica Status Solidi (B): Basic Research*, **2016**, 253, 2451-2456	1.3	10
16	Nanoscale coupling of MoS2 and graphene via rapid thermal decomposition of ammonium tetrathiomolybdate and graphite oxide for boosting capacity of Li-ion batteries. *Carbon*, **2021**, 173, 194-204	10.4	10

15	Effect of Charge Transfer upon Li- and Na-Ion Insertion in Fine-Grained Graphitic Material as Probed by NMR. *ACS Applied Materials & Interfaces*, **2019**, 11, 9291-9300	9.5	7
14	Phosphorus incorporation into graphitic material via hot pressing of graphite oxide and triphenylphosphine. *Synthetic Metals*, **2019**, 248, 53-58	3.6	7
13	Anode materials from MoS2 and multilayered holey graphene for Li-ion batteries. *Fullerenes Nanotubes and Carbon Nanostructures*, **2020**, 28, 328-334	1.8	5
12	Pressure-Assisted Interface Engineering in MoS2/Holey Graphene Hybrids for Improved Performance in Li-ion Batteries. *Energy Technology*, **2019**, 7, 1900659	3.5	5
11	Role of interface interactions in the sensitivity of sulfur-modified single-walled carbon nanotubes for nitrogen dioxide gas sensing. *Carbon*, **2022**, 186, 539-549	10.4	5
10	Formation of Mo2S3 Layers on the Surface of Graphitic Platelets. *Key Engineering Materials*, **2012**, 508, 56-60	0.4	4
9	X-ray spectral study of a material containing BN nanostructures. *Journal of Structural Chemistry*, **2008**, 49, 40-46	0.9	3
8	Quantum Confinement in MoS2 Nanoparticles Grown on Graphitic Substrate. *Journal of Nanoelectronics and Optoelectronics*, **2012**, 7, 50-53	1.3	3
7	Optical spectroscopy as a tool for battery research. *Physical Sciences Reviews*, **2019**, 4,	1.4	3
6	Formation of Mo3S4 Nanoparticles on the Graphitic Substrate. *Fullerenes Nanotubes and Carbon Nanostructures*, **2010**, 19, 39-43	1.8	2
5	Characterization of Nanomaterials for Energy Storage **2017**, 171-193		1
4	Synthesis of Porous Nanostructured MoS2 Materials in Thermal Shock Conditions and Their Performance in Lithium-Ion Batteries. *ACS Applied Energy Materials*, **2020**, 3, 10802-10813	6.1	1
3	Iron induced porosity of the templated carbon for enhancement of electrochemical capacitance. *Applied Surface Science*, **2021**, 543, 148565	6.7	1
2	Comment on On the Difficulties and Pitfalls with the Analysis of Solid-State 13C NMR Spectra in Graphitic Materials *Applied Magnetic Resonance*, **2021**, 52, 81-90	0.8	1
1	On the stability of Li intercalated fine-grained graphitic material. *Carbon*, **2021**, 173, 792-799	10.4	0