

Milan BouÅja

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

1450
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of structural properties on (de-)intercalation of ClO ₄ ⁻ anion in graphite from concentrated aqueous electrolyte. Carbon, 2022, 186, 612-623.	10.3	10
2	Localized Spectroelectrochemical Identification of Basal Plane and Defect-Related Charge-Transfer Processes in Graphene. Journal of Physical Chemistry Letters, 2022, 13, 642-648.	4.6	8
3	Nanocrystalline TiO ₂ /Carbon/Sulfur Composite Cathodes for Lithium-Sulfur Battery. Nanomaterials, 2021, 11, 541.	4.1	8
4	In Situ Raman Microdroplet Spectroelectrochemical Investigation of CuSCN Electrodeposited on Different Substrates. Nanomaterials, 2021, 11, 1256.	4.1	3
5	Thermal Decomposition of Cocaine and Methamphetamine Investigated by Infrared Spectroscopy and Quantum Chemical Simulations. ACS Omega, 2021, 6, 14447-14457.	3.5	2
6	Electrochemical Reduction of Carbon Dioxide on 3D Printed Electrodes. ChemElectroChem, 2021, 8, 2137-2149.	3.4	20
7	Two-Dimensional CVD-Graphene/Polyaniline Supercapacitors: Synthesis Strategy and Electrochemical Operation. ACS Applied Materials & Interfaces, 2021, 13, 34686-34695.	8.0	30
8	Copper electroplating of 3D printed composite electrodes. Journal of Electroanalytical Chemistry, 2020, 858, 113763.	3.8	40
9	UV/VIS spectroelectrochemistry with 3D printed electrodes. Journal of Electroanalytical Chemistry, 2020, 857, 113760.	3.8	32
10	3D printed polylactic acid/carbon black electrodes with nearly ideal electrochemical behaviour. Journal of Electroanalytical Chemistry, 2020, 857, 113745.	3.8	58
11	Acidic Hydrogen Enhanced Photocatalytic Reduction of CO ₂ on Planetary Surfaces. ACS Earth and Space Chemistry, 2020, 4, 1001-1009.	2.7	6
12	Strain and Charge Doping Fingerprints of the Strong Interaction between Monolayer MoS ₂ and Gold. Journal of Physical Chemistry Letters, 2020, 11, 6112-6118.	4.6	77
13	S- and N-doped graphene-based catalysts for the oxygen evolution reaction. Electrochimica Acta, 2020, 340, 135975.	5.2	16
14	Elemental composition, mineralogy and orbital parameters of the Porangaba meteorite. Icarus, 2020, 341, 113670.	2.5	13
15	Transferless Inverted Graphene/Silicon Heterostructures Prepared by Plasma-Enhanced Chemical Vapor Deposition of Amorphous Silicon on CVD Graphene. Nanomaterials, 2020, 10, 589.	4.1	3
16	ELECTROCHEMICAL STUDY OF CuSCN INORGANIC HOLE-TRANSPORT MATERIAL FOR SOLAR CELLS PREPARED BY ELECTRODEPOSITION FROM AQUEOUS SOLUTION. , 2020, , .		1
17	On the Suitability of Raman Spectroscopy to Monitor the Degree of Graphene Functionalization by Diazonium Salts. Journal of Physical Chemistry C, 2019, 123, 22397-22402.	3.1	14
18	Superlattice in collapsed graphene wrinkles. Scientific Reports, 2019, 9, 9972.	3.3	15

#	ARTICLE	IF	CITATIONS
19	The Photodynamic Properties and the Genotoxicity of Heat-Treated Silicalite-1 Films. <i>Materials</i> , 2019, 12, 567.	2.9	4
20	Electrochemical performance of sol-gel-made Na ₂ Ti ₃ O ₇ anode material for Na-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2545-2552.	2.5	9
21	Interaction of silicalite-1 film with human osteoblast-like Saos-2 cells: The role of micro-morphology. <i>Materials Letters</i> , 2017, 190, 229-231.	2.6	7
22	Fine tuning of optical transition energy of twisted bilayer graphene via interlayer distance modulation. <i>Physical Review B</i> , 2017, 95, .	3.2	12
23	Interaction of human osteoblast-like Saos-2 cells with stainless steel coated by silicalite-1 films. <i>Materials Science and Engineering C</i> , 2017, 76, 775-781.	7.3	10
24	Photovoltaic characterization of graphene/silicon Schottky junctions from local and macroscopic perspectives. <i>Chemical Physics Letters</i> , 2017, 676, 82-88.	2.6	9
25	Mastering the Wrinkling of Self-supported Graphene. <i>Scientific Reports</i> , 2017, 7, 10003.	3.3	33
26	Tuning the Interlayer Interaction of a Twisted Multilayer Wrinkle With Temperature. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1700237.	1.5	2
27	Stress and charge transfer in uniaxially strained CVD graphene. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 2355-2361.	1.5	12
28	Spontaneous Oxygen Isotope Exchange between Carbon Dioxide and Oxygen-Containing Minerals: Do the Minerals "Breathe" CO ₂ ? <i>Journal of Physical Chemistry C</i> , 2016, 120, 508-516.	3.1	11
29	Capacitive contribution to Li-storage in TiO ₂ (B) and TiO ₂ (anatase). <i>Journal of Power Sources</i> , 2014, 246, 103-109.	7.8	86
30	Progressive In Situ Reduction of Graphene Oxide Studied by Raman Spectroelectrochemistry: Implications for a Spontaneous Activation of LiFePO ₄ (Olivine). <i>Electroanalysis</i> , 2014, 26, 57-61.	2.9	8
31	Electrochemical Doping of Compact TiO ₂ Thin Layers. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25970-25977.	3.1	24
32	Intentional Hydrophilization of Aromatic Hydrocarbon Model Compounds: A Theoretical Study. <i>Graphene</i> , 2014, 2, 101-112.	0.2	0
33	Lithium Insertion into Titanium Dioxide (Anatase): A Raman Study with ^{16/18} O and ^{6/7} Li Isotope Labeling. <i>Chemistry of Materials</i> , 2013, 25, 3710-3717.	6.7	17
34	In situ Raman spectroelectrochemistry of graphene oxide. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 2662-2667.	1.5	26
35	Phonon and Structural Changes in Deformed Bernal Stacked Bilayer Graphene. <i>Nano Letters</i> , 2012, 12, 687-693.	9.1	65
36	Polycrystalline TiO ₂ Anatase with a Large Proportion of Crystal Facets (001): Lithium Insertion Electrochemistry. <i>Journal of the Electrochemical Society</i> , 2010, 157, A1108.	2.9	49