

# Milan BouÅja

## List of Publications by Year in descending order

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36  
papers

740  
citations

567281

15  
h-index

552781

26  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacitive contribution to Li-storage in TiO <sub>2</sub> (B) and TiO <sub>2</sub> (anatase). Journal of Power Sources, 2014, 246, 103-109.	7.8	86
2	Strain and Charge Doping Fingerprints of the Strong Interaction between Monolayer MoS <sub>2</sub> and Gold. Journal of Physical Chemistry Letters, 2020, 11, 6112-6118.	4.6	77
3	Phonon and Structural Changes in Deformed Bernal Stacked Bilayer Graphene. Nano Letters, 2012, 12, 687-693.	9.1	65
4	3D printed polylactic acid/carbon black electrodes with nearly ideal electrochemical behaviour. Journal of Electroanalytical Chemistry, 2020, 857, 113745.	3.8	58
5	Polycrystalline TiO <sub>2</sub> Anatase with a Large Proportion of Crystal Facets (001): Lithium Insertion Electrochemistry. Journal of the Electrochemical Society, 2010, 157, A1108.	2.9	49
6	Copper electroplating of 3D printed composite electrodes. Journal of Electroanalytical Chemistry, 2020, 858, 113763.	3.8	40
7	Mastering the Wrinkling of Self-supported Graphene. Scientific Reports, 2017, 7, 10003.	3.3	33
8	UV/VIS spectroelectrochemistry with 3D printed electrodes. Journal of Electroanalytical Chemistry, 2020, 857, 113760.	3.8	32
9	Two-Dimensional CVD-Graphene/Polyaniline Supercapacitors: Synthesis Strategy and Electrochemical Operation. ACS Applied Materials & Interfaces, 2021, 13, 34686-34695.	8.0	30
10	In situ Raman spectroelectrochemistry of graphene oxide. Physica Status Solidi (B): Basic Research, 2013, 250, 2662-2667.	1.5	26
11	Electrochemical Doping of Compact TiO <sub>2</sub> Thin Layers. Journal of Physical Chemistry C, 2014, 118, 25970-25977.	3.1	24
12	Electrochemical Reduction of Carbon Dioxide on 3D Printed Electrodes. ChemElectroChem, 2021, 8, 2137-2149.	3.4	20
13	Lithium Insertion into Titanium Dioxide (Anatase): A Raman Study with <sup>16/18</sup> O and <sup>6/7</sup> Li Isotope Labeling. Chemistry of Materials, 2013, 25, 3710-3717.	6.7	17
14	S- and N-doped graphene-based catalysts for the oxygen evolution reaction. Electrochimica Acta, 2020, 340, 135975.	5.2	16
15	Superlattice in collapsed graphene wrinkles. Scientific Reports, 2019, 9, 9972.	3.3	15
16	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
17	Elemental composition, mineralogy and orbital parameters of the Porangaba meteorite. Icarus, 2020, 341, 113670.	2.5	13
18	Stress and charge transfer in uniaxially strained CVD graphene. Physica Status Solidi (B): Basic Research, 2016, 253, 2355-2361.	1.5	12

#	ARTICLE	IF	CITATIONS
19	Fine tuning of optical transition energy of twisted bilayer graphene via interlayer distance modulation. <i>Physical Review B</i> , 2017, 95, .	3.2	12
20	Spontaneous Oxygen Isotope Exchange between Carbon Dioxide and Oxygen-Containing Minerals: Do the Minerals "Breathe" CO <sub>2</sub> ?. <i>Journal of Physical Chemistry C</i> , 2016, 120, 508-516.	3.1	11
21	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
22	Influence of structural properties on (de-)intercalation of ClO <sub>4</sub> <sup>-</sup> anion in graphite from concentrated aqueous electrolyte. <i>Carbon</i> , 2022, 186, 612-623.	10.3	10
23	Photovoltaic characterization of graphene/silicon Schottky junctions from local and macroscopic perspectives. <i>Chemical Physics Letters</i> , 2017, 676, 82-88.	2.6	9
24	Electrochemical performance of sol-gel-made Na <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> anode material for Na-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2545-2552.	2.5	9
25	Progressive In Situ Reduction of Graphene Oxide Studied by Raman Spectroelectrochemistry: Implications for a Spontaneous Activation of LiFePO <sub>4</sub> (Olivine). <i>Electroanalysis</i> , 2014, 26, 57-61.	2.9	8
26	Nanocrystalline TiO <sub>2</sub> /Carbon/Sulfur Composite Cathodes for Lithium-Sulfur Battery. <i>Nanomaterials</i> , 2021, 11, 541.	4.1	8
27	Localized Spectroelectrochemical Identification of Basal Plane and Defect-Related Charge-Transfer Processes in Graphene. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 642-648.	4.6	8
28	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
29	Acidic Hydrogen Enhanced Photocatalytic Reduction of CO <sub>2</sub> on Planetary Surfaces. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1001-1009.	2.7	6
30	The Photodynamic Properties and the Genotoxicity of Heat-Treated Silicalite-1 Films. <i>Materials</i> , 2019, 12, 567.	2.9	4
31	Transferless Inverted Graphene/Silicon Heterostructures Prepared by Plasma-Enhanced Chemical Vapor Deposition of Amorphous Silicon on CVD Graphene. <i>Nanomaterials</i> , 2020, 10, 589.	4.1	3
32	In Situ Raman Microdroplet Spectroelectrochemical Investigation of CuSCN Electrodeposited on Different Substrates. <i>Nanomaterials</i> , 2021, 11, 1256.	4.1	3
33	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
34	Thermal Decomposition of Cocaine and Methamphetamine Investigated by Infrared Spectroscopy and Quantum Chemical Simulations. <i>ACS Omega</i> , 2021, 6, 14447-14457.	3.5	2
35	ELECTROCHEMICAL STUDY OF CuSCN INORGANIC HOLE-TRANSPORT MATERIAL FOR SOLAR CELLS PREPARED BY ELECTRODEPOSITION FROM AQUEOUS SOLUTION. , 2020, , .		1
36	Intentional Hydrophilization of Aromatic Hydrocarbon Model Compounds: A Theoretical Study. <i>Graphene</i> , 2014, 2, 101-112.	0.2	0