

# Baldan, Mr

## List of Publications by Year in descending order

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docs citations

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times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Process of converting human hair into hollow carbon filament for electrochemical capacitor. Revista Materia, 2021, 26, .	0.2	1
2	Investigation of sustainable porous carbon as radar absorbing material. Revista Materia, 2021, 26, .	0.2	2
3	Caracterizaç�o eletromagn�tica do comp�sito de carbo de sil�cio e negro de fumo em matriz polim�rica. Revista Materia, 2021, 26, .	0.2	0
4	N-activated carbon fiber produced by oxidation process design and its application as supercapacitor electrode. Journal of Porous Materials, 2020, 27, 141-149.	2.6	13
5	Effect of granulometric distribution on electromagnetic shielding effectiveness for polymeric composite based on natural graphite. Science and Engineering of Composite Materials, 2019, 26, 531-539.	1.4	5
6	Activated Carbon Fiber Treated at Different Temperatures as Supercapacitor Electrodes: Electrochemical Characterization. ECS Transactions, 2015, 69, 1-7.	0.5	1
7	Ecotoxicity Measurements of Degraded Textile Dye by Electrochemical Process Using Boron-Doped Diamond Electrodes. ECS Transactions, 2015, 64, 25-31.	0.5	1
8	Boron-Doped Nanocrystalline Diamond Grown on Reticulated Vitreous Carbon: Morphological, Structural, and Electrochemical Characterizations. ECS Transactions, 2015, 64, 25-32.	0.5	1
9	Copper Electroless Process Optimization to Modify Boron Doped Diamond at Different Boron Levels. ECS Transactions, 2015, 64, 15-22.	0.5	2
10	Titanium Oxide Electrodeposition on Diamond/Ti Electrodes with Different Boron Dopings. ECS Transactions, 2014, 58, 47-52.	0.5	4
11	Influence of the sp <sup>2</sup> Content on Boron Doped Diamond Electrodes Applied in the Textile Dye Electrooxidation. ECS Transactions, 2014, 58, 27-33.	0.5	1
12	Electrochemical Performance of Supercapacitors Formed by PANi/CF and PANi/CNT/CF. ECS Transactions, 2014, 58, 35-41.	0.5	3
13	Electrochemical oxidation of imazapyr with BDD electrode in titanium substrate. Chemosphere, 2014, 117, 596-603.	8.2	27
14	Nitrate Removal by Electrolysis Using Cu/BDD Electrode Cathode. ECS Transactions, 2014, 58, 21-26.	0.5	7
15	Production and Characterization of BDD/Si Electrodes for Environmental Analysis. Journal of Physics: Conference Series, 2014, 480, 012039.	0.4	1
16	Growth of vertically aligned carbon nanotubes on carbon fiber: thermal and electrochemical treatments. Journal of Solid State Electrochemistry, 2013, 17, 1977-1984.	2.5	11
17	Comparative electrode kinetics of micro and nano-crystalline boron doped diamond.. Materials Research Society Symposia Proceedings, 2012, 1395, 81.	0.1	0
18	Electrodeposition of Cu Nanoparticles on BDD Electrodes: Reactions and Nucleation Mechanism. Journal of the Electrochemical Society, 2012, 159, D246-D252.	2.9	12

#	ARTICLE	IF	CITATIONS
19	Anodic and cathodic pre-treatment effects on BDD surface to deposit copper nanoparticles applied to nitrate reduction. Materials Research Society Symposia Proceedings, 2012, 1395, 63.	0.1	1
20	Copper photoelectrodeposition onto boron doped diamond electrodes at different doping level to enhance nitrate electroreduction.. Materials Research Society Symposia Proceedings, 2012, 1395, 45.	0.1	0
21	A comparative study of the electrochemical oxidation of the herbicide tebuthiuron using boron-doped diamond electrodes. Chemosphere, 2012, 88, 155-160.	8.2	51
22	From micro to nanocrystalline diamond grown on 3D porous titanium matrix. Journal of Materials Science, 2012, 47, 23-40.	3.7	16
23	Anodic oxidation of wastewater containing the Reactive Orange 16 Dye using heavily boron-doped diamond electrodes. Journal of Hazardous Materials, 2011, 192, 1683-1689.	12.4	74
24	Nanodiamond infiltration into porous silicon through etching of solid carbon produced at different graphitization temperatures. Journal of Nanoparticle Research, 2011, 13, 4219-4228.	1.9	1
25	The influence of hydrogen plasma pre-treatment on the structure of BDND electrode surface applied for phenol detection. Journal of Nanoparticle Research, 2011, 13, 6133-6139.	1.9	17
26	Diamond/porous titanium three-dimensional hybrid electrodes. Journal of Solid State Electrochemistry, 2010, 14, 313-321.	2.5	30
27	Effect of methane addition on ultrananocrystalline diamond formation: Morphology changes and induced stress. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2010, 28, 27-32.	2.1	16
28	A Novel Procedure to Obtain Nanocrystalline Diamond/Porous Silicon Composite by Chemical Vapor Deposition/Infiltration Processes. Journal of Nanoscience and Nanotechnology, 2009, 9, 3877-3882.	0.9	6
29	Double Layer Material Designed to Reduce Electromagnetic Radiation with Carbon Black, Silicon Carbide and Manganese Zinc Ferrite. Journal of Aerospace Technology and Management, 0, 13, .	0.3	2