

# Ouassim Ghodbane

## List of Publications by Year in descending order

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24  
papers

1,240  
citations

687220

13  
h-index

610775

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural Effects on Charge-Storage Properties in MnO <sub>2</sub> -Based Electrochemical Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 1130-1139.	4.0	561
2	In situ crystallographic investigations of charge storage mechanisms in MnO <sub>2</sub> -based electrochemical capacitors. <i>Journal of Power Sources</i> , 2012, 206, 454-462.	4.0	124
3	Structural in Situ Study of the Thermal Behavior of Manganese Dioxide Materials: Toward Selected Electrode Materials for Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 3493-3505.	4.0	82
4	$\text{MnO}_2$ Nanoparticles: Synthesis, Characterization, and Dielectric Properties. <i>ISRN Spectroscopy</i> , 2012, 2012, 1-8.	0.9	63
5	Electrochemical Reduction of Nitrate on Pyrolytic Graphite-Supported Cu and Pd–Cu Electrode Catalysts. <i>Journal of the Electrochemical Society</i> , 2008, 155, F117.	1.3	61
6	Study of the Electroless Deposition of Pd on Cu-Modified Graphite Electrodes by Metal Exchange Reaction. <i>Chemistry of Materials</i> , 2008, 20, 3495-3504.	3.2	50
7	Copper electrodeposition on pyrolytic graphite electrodes: Effect of the copper salt on the electrodeposition process. <i>Electrochimica Acta</i> , 2007, 52, 5843-5855.	2.6	46
8	1-Allyl-3-methylimidazolium-based ionic liquids employed as suitable electrolytes for high energy density supercapacitors based on graphene nanosheets electrodes. <i>Journal of Molecular Liquids</i> , 2018, 249, 795-804.	2.3	43
9	Chemical reactivity of 4-bromophenyl modified glassy carbon electrode. <i>Electrochemistry Communications</i> , 2004, 6, 254-258.	2.3	40
10	Microstructural and Morphological Effects on Charge Storage Properties in MnO <sub>2</sub> -Carbon Nanofibers Based Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2013, 160, A2315-A2321.	1.3	32
11	Investigating Mechanisms Underlying Elevated-Temperature-Induced Capacity Fading of Aqueous MnO <sub>2</sub> Polymorph Supercapacitors: Cryptomelane and Birnessite. <i>Journal of the Electrochemical Society</i> , 2015, 162, A5106-A5114.	1.3	21
12	Modification of glassy carbon electrodes by 4-chloromethylphenyl units and d-glucosaminic acid. <i>Electrochimica Acta</i> , 2009, 54, 6327-6334.	2.6	18
13	Electrochemical study of the reversible hydrogen storage in CeTi <sub>2</sub> Cr <sub>4</sub> Ni <sub>5</sub> -based metal hydride alloys. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18582-18591.	3.8	18
14	Electrodeposition of silver from the ionic liquid Butylpyridinium dicyanamide. <i>Journal of Electroanalytical Chemistry</i> , 2020, 871, 114289.	1.9	13
15	Physicochemical characterizations of novel dicyanamide-based ionic liquids applied as electrolytes for supercapacitors. <i>RSC Advances</i> , 2018, 8, 31213-31223.	1.7	11
16	Elaboration and electrochemical characterization of LaTi <sub>2</sub> Cr <sub>4</sub> Ni <sub>5</sub> -based metal hydride alloys. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10934-10942.	3.8	10
17	Application of aprotic ionic liquids based on bis(trifluoromethylsulfonyl)imide anion as polymer gel electrolytes for cobalt oxide symmetric supercapacitors. <i>Journal of Energy Storage</i> , 2021, 40, 102761.	3.9	10
18	Elaboration and electrochemical characterization of LaZr <sub>2</sub> Cr <sub>4</sub> Ni <sub>5</sub> -based metal hydride alloys. <i>Ionics</i> , 2016, 22, 1973-1983.	1.2	9

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19	Study of hydrogen absorption kinetics of Mg <sub>2</sub> Ni-based powders produced by high-injected shock power mechanical alloying and subsequent annealing. <i>Materials for Renewable and Sustainable Energy</i> , 2013, 2, 1.	1.5	6
20	Physicochemical properties and theoretical studies of novel fragile ionic liquids based on N-allyl-N,N-dimethylethylammonium cation. <i>Journal of Molecular Liquids</i> , 2019, 284, 522-535.	2.3	6
21	Electrochemical hydrogenation of CeZr <sub>2</sub> Cr <sub>4</sub> Ni <sub>5</sub> -based alloys. <i>Materials Research Bulletin</i> , 2017, 85, 10-17.	2.7	5
22	Effect of surfactant structure on charge storage properties in Co <sub>3</sub> O <sub>4</sub> -based electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 121-127.	1.9	5
23	Synthesis and characterizations of structural and electrochemical properties of CeTi <sub>2</sub> Ni <sub>4.5</sub> Al <sub>0.2</sub> Mn <sub>0.3</sub> Cr <sub>4</sub> AB <sub>3</sub> type compound. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161017.	2.8	4
24	Structural and electrical properties of nanostructured Ni <sub>0.25</sub> Co <sub>0.75</sub> MnP <sub>2</sub> O <sub>7</sub> . <i>Materials Research Bulletin</i> , 2014, 49, 462-468.	2.7	2