

Ouassim Ghodbane

List of Publications by Year in descending order

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Version: 2024-02-01

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	Application of aprotic ionic liquids based on bis(trifluoromethylsulfonyl)imide anion as polymer gel electrolytes for cobalt oxide symmetric supercapacitors. Journal of Energy Storage, 2021, 40, 102761.	3.9	10
2	Synthesis and characterizations of structural and electrochemical properties of CeTi ₂ Ni _{4.5} Al _{0.2} Mn _{0.3} Cr ₄ AB ₃ type compound. Journal of Alloys and Compounds, 2021, 884, 161017.	2.8	4
3	Electrodeposition of silver from the ionic liquid Butylpyridinium dicyanamide. Journal of Electroanalytical Chemistry, 2020, 871, 114289.	1.9	13
4	Physicochemical properties and theoretical studies of novel fragile ionic liquids based on N-allyl-N,N-dimethylethylammonium cation. Journal of Molecular Liquids, 2019, 284, 522-535.	2.3	6
5	1-Allyl-3-methylimidazolium-based ionic liquids employed as suitable electrolytes for high energy density supercapacitors based on graphene nanosheets electrodes. Journal of Molecular Liquids, 2018, 249, 795-804.	2.3	43
6	Physicochemical characterizations of novel dicyanamide-based ionic liquids applied as electrolytes for supercapacitors. RSC Advances, 2018, 8, 31213-31223.	1.7	11
7	Effect of surfactant structure on charge storage properties in Co ₃ O ₄ -based electrodes. Journal of Electroanalytical Chemistry, 2018, 823, 121-127.	1.9	5
8	Electrochemical hydrogenation of CeZr ₂ Cr ₄ Ni ₅ -based alloys. Materials Research Bulletin, 2017, 85, 10-17.	2.7	5
9	Elaboration and electrochemical characterization of LaZr ₂ Cr ₄ Ni ₅ -based metal hydride alloys. Ionics, 2016, 22, 1973-1983.	1.2	9
10	Electrochemical study of the reversible hydrogen storage in CeTi ₂ Cr ₄ Ni ₅ -based metal hydride alloys. International Journal of Hydrogen Energy, 2016, 41, 18582-18591.	3.8	18
11	Investigating Mechanisms Underlying Elevated-Temperature-Induced Capacity Fading of Aqueous MnO ₂ Polymorph Supercapacitors: Cryptomelane and Birnessite. Journal of the Electrochemical Society, 2015, 162, A5106-A5114.	1.3	21
12	Elaboration and electrochemical characterization of LaTi ₂ Cr ₄ Ni ₅ -based metal hydride alloys. International Journal of Hydrogen Energy, 2015, 40, 10934-10942.	3.8	10
13	Structural and electrical properties of nanostructured Ni _{0.25} Co _{0.75} MnP ₂ O ₇ . Materials Research Bulletin, 2014, 49, 462-468.	2.7	2
14	Study of hydrogen absorption kinetics of Mg ₂ Ni-based powders produced by high-injected shock power mechanical alloying and subsequent annealing. Materials for Renewable and Sustainable Energy, 2013, 2, 1.	1.5	6
15	Microstructural and Morphological Effects on Charge Storage Properties in MnO ₂ -Carbon Nanofibers Based Supercapacitors. Journal of the Electrochemical Society, 2013, 160, A2315-A2321.	1.3	32
16	$\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Mn} \langle \text{mml:mtext} \rangle \text{g} \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{g} \langle \text{mml:mtext} \rangle \text{Nanoparticles: Synthesis, Characterization, and Dielectric Properties. ISRN Spectroscopy, 2012, 2012, 1-8.}$	0.9	63
17	In situ crystallographic investigations of charge storage mechanisms in MnO ₂ -based electrochemical capacitors. Journal of Power Sources, 2012, 206, 454-462.	4.0	124
18	Structural in Situ Study of the Thermal Behavior of Manganese Dioxide Materials: Toward Selected Electrode Materials for Supercapacitors. ACS Applied Materials & Interfaces, 2010, 2, 3493-3505.	4.0	82

#	ARTICLE	IF	CITATIONS
19	Modification of glassy carbon electrodes by 4-chloromethylphenyl units and d-glucosaminic acid. <i>Electrochimica Acta</i> , 2009, 54, 6327-6334.	2.6	18
20	Microstructural Effects on Charge-Storage Properties in MnO ₂ -Based Electrochemical Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1130-1139.	4.0	561
21	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
22	Electrochemical Reduction of Nitrate on Pyrolytic Graphite-Supported Cu and Pd-Cu Electrocatalysts. <i>Journal of the Electrochemical Society</i> , 2008, 155, F117.	1.3	61
23	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
24	Chemical reactivity of 4-bromophenyl modified glassy carbon electrode. <i>Electrochemistry Communications</i> , 2004, 6, 254-258.	2.3	40