

Elahe Moazzen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

244
citations

933447
10
h-index

940533
16
g-index

18
all docs

18
docs citations

18
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel magnetic ion imprinted polymer as a highly selective sorbent for extraction of gold ions in aqueous samples. <i>Analytical Methods</i> , 2012, 4, 3232.	2.7	43
2	A magnetic ion-imprinted polymer for lead(II) determination: A study on the adsorption of lead(II) by beverages. <i>Journal of Food Composition and Analysis</i> , 2015, 41, 74-80.	3.9	39
3	Electroactive nanofluids with high solid loading and low viscosity for rechargeable redox flow batteries. <i>Journal of Applied Electrochemistry</i> , 2017, 47, 593-605.	2.9	23
4	Controlled synthesis of MnO ₂ nanoparticles for aqueous battery cathodes: polymorphism capacity correlation. <i>Journal of Materials Science</i> , 2017, 52, 8107-8118.	3.7	22
5	New magnetic polymeric nanoparticles for extraction of trace cadmium ions and the determination of cadmium content in diesel oil samples. <i>Analytical Methods</i> , 2014, 6, 4617-4624.	2.7	17
6	Pyridine-2,6-diamine-functionalized Fe ₃ O ₄ nanoparticles as a novel sorbent for determination of lead and cadmium ions in cosmetic samples. <i>International Journal of Cosmetic Science</i> , 2013, 35, 176-182.	2.6	16
7	Novel ion-imprinted polymer coated on nanoporous silica as a highly selective sorbent for the extraction of ultratrace quantities of gold ions from mine stone samples. <i>Mikrochimica Acta</i> , 2013, 180, 445-451.	5.0	16
8	Role of crystal lattice templating and galvanic coupling in enhanced reversible capacity of Ni(OH) ₂ /Co(OH) ₂ core/shell battery cathode. <i>Electrochimica Acta</i> , 2017, 258, 684-693.	5.2	15
9	Nanoscale MnO ₂ cathodes for Li-ion batteries: effect of thermal and mechanical processing. <i>Journal of Power Sources</i> , 2020, 448, 227374.	7.8	13
10	A novel biocompatible drug carrier for oral delivery and controlled release of antibiotic drug: loading and release of clarithromycin as an antibiotic drug model. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 66, 345-351.	2.4	12
11	Comparison of the performance of pyridine-functionalized nanoporous silica particles for the extraction of gold(III) from natural samples. <i>Mikrochimica Acta</i> , 2012, 178, 367-372.	5.0	8
12	Effect of Sub-nanoparticle Architecture on Cycling Performance of MnO ₂ Battery Cathodes through Thermal Tuning of Polymorph Composition. <i>Crystal Growth and Design</i> , 2019, 19, 1584-1591.	3.0	5
13	Chromate removal using novel modified MCM-41 nanoporous silica: synthesis and characterization of novel terpyridine-modified MCM-41. <i>Acta Chimica Slovenica</i> , 2013, 60, 124-30.	0.6	5
14	A Sensitive Method for Determination Glycolic Acid, Mono- and Di-Chloroacetic Acids in Betaine Media Using Amino-Functionalized SBA-15 as a Sorbent and HPLC Assay. <i>Chromatographia</i> , 2013, 76, 33-40.	1.3	4
15	In situ XAS study of the local structure of the nano-Li ₂ FeSiO ₄ /C cathode. <i>JPhys Energy</i> , 2021, 3, 034015.	5.3	4
16	Interpretation and Modelling of the Electrochemical Impedance of LiFePO ₄ /Li ₄ Ti ₅ O ₁₂ Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 050519.	2.9	2
17	Lattice Templating and Galvanic Coupling Effects on the Electrochemical Performance of Core/Shell Battery Materials. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
18	Mn ₅ O ₈ /GO and MnO ₂ /GO Nanocomposites As Cathodes for Li-Ion Battery. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2893-2893.	0.0	0