

Mohammad Amin Razmjoo Kholari

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

549
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and electrochemical properties of ultrasonic-assisted electroless deposition of Niâ€“TiO ₂ composite coatings. Journal of Alloys and Compounds, 2015, 633, 127-136.	5.5	91
2	A comparative study of physicochemical and photocatalytic properties of visible light responsive Fe, Gd and P single and tri-doped TiO ₂ nanomaterials. Journal of Rare Earths, 2018, 36, 72-85.	4.8	67
3	An ultrasensitive label free human papilloma virus DNA biosensor using gold nanotubes based on nanoporous polycarbonate in electrical alignment. Analytica Chimica Acta, 2019, 1048, 31-41.	5.4	55
4	Electrophoretic Deposition of Titania Nanoparticles in Different Alcohols: Kinetics of Deposition. Journal of the American Ceramic Society, 2011, 94, 2354-2361.	3.8	54
5	Improvement of the electrochemical performance of a nickel rich LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ cathode material by reduced graphene oxide/SiO ₂ nanoparticle double-layer coating. New Journal of Chemistry, 2019, 43, 2766-2775.	2.8	29
6	Corrosion-wear behavior of AA1050/mischmetal oxides surface nanocomposite fabricated by friction stir processing. Journal of Alloys and Compounds, 2020, 832, 153964.	5.5	28
7	Enhancement in solar driven water splitting by Auâ€“Pd nanoparticle decoration of electrochemically grown ZnO nanorods. Journal of Applied Electrochemistry, 2016, 46, 819-827.	2.9	27
8	AuPd bimetallic nanoparticle decorated TiO ₂ rutile nanorod arrays for enhanced photoelectrochemical water splitting. Journal of Applied Electrochemistry, 2018, 48, 995-1007.	2.9	26
9	Electrochemical Performance and Elevated Temperature Properties of the TiO ₂ -Coated Li[Ni _{0.8} Co _{0.1} Mn _{0.1}]O ₂ Cathode Material for High-Safety Li-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 5304-5315.	5.1	25
10	Corrosion Study of Aluminum Alloy 3303 in Water-Ethylene Glycol Mixture: Effect of Inhibitors and Thermal Shocking. International Journal of Corrosion, 2019, 2019, 1-6.	1.1	21
11	Fabrication and characterization of TiO ₂ deposited black electroless Ni-P solar absorber. Applied Surface Science, 2019, 496, 143632.	6.1	18
12	A study on ternary mixed oxide coatings containing Ti, Ru, Ir by solâ€“gel method on titanium. Journal of Sol-Gel Science and Technology, 2015, 73, 332-340.	2.4	17
13	Elevated-temperature behaviour of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ cathode modified with rGO-SiO ₂ composite coating. Journal of Alloys and Compounds, 2020, 843, 154924.	5.5	17
14	Investigations of the Failure in Boilers Economizer Tubes Used in Power Plants. Journal of Materials Engineering and Performance, 2013, 22, 2691-2697.	2.5	16
15	Morphology transition control of polyaniline from nanotubes to nanospheres in a soft template method. Polymer International, 2015, 64, 88-95.	3.1	14
16	Enhanced Electrochemical Performance and Thermal Stability of ZrO ₂ - and rGOâ€“ZrO ₂ -Coated Li[Ni _{0.8} Co _{0.1} Mn _{0.1}]O ₂ Cathode Material for Li-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 934-945.	5.1	14
17	In vitro bactericidal and drug release properties of vancomycin-amino surface functionalized bioactive glass nanoparticles. Materials Chemistry and Physics, 2020, 241, 122423.	4.0	13
18	Deposition of (Ti, Ru)O ₂ and (Ti, Ru, Ir)O ₂ oxide coatings prepared by solâ€“gel method on titanium. Journal of Sol-Gel Science and Technology, 2016, 79, 44-50.	2.4	12

#	ARTICLE	IF	CITATIONS
19	Prediction of the degree of steel corrosion damage in reinforced concrete using field-based data by multi-gene genetic programming approach. <i>Soft Computing</i> , 2022, 26, 9481-9496.	3.6	5