

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

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19	Electrophoretic Deposition of Titania Nanoparticles in Different Alcohols: Kinetics of Deposition. Journal of the American Ceramic Society, 2011, 94, 2354-2361.	3.8	54