

Naeimeh Sadat Peighambaroust

List of Publications by Year in descending order

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14
papers

407
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840776

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1058476

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times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Band-gap narrowing and electrochemical properties in N-doped and reduced anodic TiO ₂ nanotube arrays. <i>Electrochimica Acta</i> , 2018, 270, 245-255.	5.2	80
2	Nickel ions abatement from aqueous solutions and shipbuilding industry wastewater using ZIF-8-chicken beak hydroxyapatite. <i>Journal of Molecular Liquids</i> , 2022, 356, 119003.	4.9	70
3	Interstitial nitrogen enhances corrosion resistance of an equiatomic CoCrNi medium-entropy alloy in sulfuric acid solution. <i>Materials Characterization</i> , 2021, 172, 110869.	4.4	52
4	Manipulating morphology, pore geometry and ordering degree of TiO ₂ nanotube arrays by anodic oxidation. <i>Surface and Coatings Technology</i> , 2013, 235, 727-734.	4.8	36
5	In vitro biocompatibility evaluation of Ti _{1.5} ZrTa _{0.5} Nb _{0.5} Hf _{0.5} refractory high-entropy alloy film for orthopedic implants: Microstructural, mechanical properties and corrosion behavior. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160786.	5.5	33
6	Metal doped layered MgB ₂ nanoparticles as novel electrocatalysts for water splitting. <i>Scientific Reports</i> , 2021, 11, 3337.	3.3	25
7	Metal-substituted zirconium diboride (Zr _{1-x} TM _x B ₂ ; TM = Ni, Co, and Fe) as low-cost and high-performance bifunctional electrocatalyst for water splitting. <i>Electrochimica Acta</i> , 2021, 389, 138789.	5.2	22
8	Pulsed electric current sintering of TiB ₂ -based ceramics using nitride additives. <i>Synthesis and Sintering</i> , 2021, 1, 28-33.	1.6	18
9	Improved efficiency in front-side illuminated dye sensitized solar cells based on free-standing one-dimensional TiO ₂ nanotube array electrodes. <i>Solar Energy</i> , 2019, 184, 115-126.	6.1	17
10	Structural Defect-Induced Bandgap Narrowing in Dopant-Free Anodic TiO ₂ Nanotubes. <i>ChemElectroChem</i> , 2017, 4, 1227-1235.	3.4	15
11	The effect of doping concentration of TiO ₂ nanotubes on energy levels and its direct correlation with photocatalytic activity. <i>Thin Solid Films</i> , 2019, 690, 137558.	1.8	12
12	Microwave-Assisted Auto-Combustion Synthesis of Binary/Ternary Co _x Ni _{1-x} Ferrite for Electrochemical Hydrogen and Oxygen Evolution. <i>ACS Omega</i> , 2021, 6, 33024-33032.	3.5	11
13	Tailoring the Morphology of Cost-Effective Vanadium Diboride Through Cobalt Substitution for Highly Efficient Alkaline Water Oxidation. <i>Inorganic Chemistry</i> , 2021, 60, 19457-19466.	4.0	11
14	Evaluating electrocatalytic activity of metal-substituted hafnium diboride (Hf _{1-x} TM _x B ₂ ; TM = Ni and Co) toward water splitting. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164148.	5.5	5