

Yousef Ghayeb

List of Publications by Year in descending order

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55
papers

2,235
citations

257101

24
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214527

47
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Photoelectrochemical water splitting on chromium-doped titanium dioxide nanotube photoanodes prepared by single-step anodizing. <i>Journal of Alloys and Compounds</i> , 2015, 637, 393-400.	2.8	185
2	Fabrication and characterization of copper doped TiO ₂ nanotube arrays by in situ electrochemical method as efficient visible-light photocatalyst. <i>Ceramics International</i> , 2015, 41, 8735-8741.	2.3	176
3	Single-step electrochemical anodization for synthesis of hierarchical WO ₃ @TiO ₂ nanotube arrays on titanium foil as a good photoanode for water splitting with visible light. <i>Journal of Electroanalytical Chemistry</i> , 2015, 739, 149-155.	1.9	165
4	Fabrication, characterization and photoelectrochemical behavior of Fe@TiO ₂ nanotubes composite photoanodes for solar water splitting. <i>Journal of Electroanalytical Chemistry</i> , 2015, 751, 43-48.	1.9	149
5	Visible light-driven photoelectrochemical water splitting on ZnO@TiO ₂ heterogeneous nanotube photoanodes. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 557-566.	1.5	142
6	Visible light activity of sulfur-doped TiO ₂ nanostructure photoelectrodes prepared by single-step electrochemical anodizing process. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1359-1366.	1.2	92
7	Preparation of cobalt coated TiO ₂ and WO ₃ @TiO ₂ nanotube films via photo-assisted deposition with enhanced photocatalytic activity under visible light illumination. <i>Ceramics International</i> , 2016, 42, 7014-7022.	2.3	91
8	Fabrication, characterization and photoelectrochemical activity of tungsten-copper co-sensitized TiO ₂ nanotube composite photoanodes. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 70-82.	5.0	89
9	Photoelectrochemical properties of iron-cobalt WTiO ₂ nanotube photoanodes for water splitting and photocathodic protection of stainless steel. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 7-23.	1.9	82
10	Fabrication, characterization and photocatalytic properties of Au/TiO ₂ -WO ₃ nanotubular composite synthesized by photo-assisted deposition and electrochemical anodizing methods. <i>Journal of Molecular Catalysis A</i> , 2016, 417, 107-115.	4.8	81
11	Fabrication, characterization and photoelectrochemical performance of chromium-sensitized titania nanotubes as efficient photoanodes for solar water splitting. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 683-689.	1.2	78
12	Cobalt modified tungsten@titania nanotube composite photoanodes for photoelectrochemical solar water splitting. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3318-3327.	1.1	70
13	Preparation and characterization of CrFeWTiO ₂ photoanodes and their photoelectrochemical activities for water splitting. <i>Dalton Transactions</i> , 2017, 46, 12527-12536.	1.6	55
14	Photochemical deposition of platinum on titanium dioxide@tungsten trioxide nanocomposites: an efficient photocatalyst under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 1062-1069.	1.1	53
15	Preparation of Ni@Pt/Fe@TiO ₂ nanotube films for photoelectrochemical cathodic protection of 403 stainless steel. <i>Nanotechnology</i> , 2018, 29, 425701.	1.3	52
16	Solar water splitting for hydrogen production with Fe ₂ O ₃ nanotubes prepared by anodizing method: effect of anodizing time on performance of Fe ₂ O ₃ nanotube arrays. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 685-692.	1.1	47
17	Preparation of various boron-doped TiO ₂ nanostructures by in situ anodizing method and investigation of their photoelectrochemical and photocathodic protection properties. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1839-1851.	1.2	44
18	Fabrication and characterization of zinc oxide-decorated titania nanoporous by electrochemical anodizing-chemical bath deposition techniques: visible light active photocatalysts with good stability. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 481-488.	1.2	43

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19	Photoinduced deposition of gold nanoparticles on TiO ₂ @WO ₃ nanotube films as efficient photoanodes for solar water splitting. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	41
20	Photodegradation of organic dye by ZnCrLa-layered double hydroxide as visible-light photocatalysts. Journal of Materials Science: Materials in Electronics, 2016, 27, 9861-9869.	1.1	40
21	Electrochemical construction of different titania@tungsten trioxide nanotubular composite and their photocatalytic activity for pollutant degradation: a recyclable photocatalysts. Journal of Materials Science: Materials in Electronics, 2015, 26, 1560-1567.	1.1	38
22	Fabrication, characterization and photoelectrochemical properties of cuprous oxide-reduced graphene oxide photocatalysts for hydrogen generation. Journal of Materials Science: Materials in Electronics, 2018, 29, 4136-4146.	1.1	36
23	Effect of chirality, length and diameter of carbon nanotubes on the adsorption of 20 amino acids: a molecular dynamics simulation study. Molecular Simulation, 2014, 40, 392-398.	0.9	33
24	Enhanced photoelectrochemical water splitting of CrTiO ₂ nanotube photoanodes by the decoration of their surface via the photodeposition of Ag and Au. Dalton Transactions, 2018, 47, 11593-11604.	1.6	30
25	Synthesis and characterization of iron-doped titania nanohoneycomb and nanoporous semiconductors by electrochemical anodizing method as good visible light active photocatalysts. Journal of Materials Science: Materials in Electronics, 2015, 26, 5509-5517.	1.1	20
26	Reduced graphene oxide/Cu ₂ O nanostructure composite films as an effective and stable hydrogen evolution photocathode for water splitting. Journal of Materials Science: Materials in Electronics, 2017, 28, 7650-7659.	1.1	19
27	The effect of dichlorvos on the structural alteration of serum albumins: a combined spectroscopic and molecular dynamic simulation approach. Monatshefte für Chemie, 2017, 148, 1141-1151.	0.9	18
28	Study of conformational changes in serum albumin by binding of chlorfenvinphos using multispectroscopic techniques and molecular dynamic simulation. Monatshefte für Chemie, 2017, 148, 781-791.	0.9	18
29	Sonication Enhanced Removal of Nickel and Cobalt Ions from Polluted Water Using an Iron Based Sorbent. Journal of Chemistry, 2013, 2013, 1-5.	0.9	17
30	Atomic insight into designed carbamate-based derivatives as acetylcholine esterase (AChE) inhibitors: a computational study by multiple molecular docking and molecular dynamics simulation. Journal of Biomolecular Structure and Dynamics, 2018, 36, 126-138.	2.0	17
31	RuO ₂ photodeposited on W-doped and Cr-doped TiO ₂ nanotubes with enhanced photoelectrochemical water splitting and capacitor properties. New Journal of Chemistry, 2020, 44, 2339-2349.	1.4	17
32	Successive ionic layer adsorption and reaction (SILAR) deposition of nickel sulfide on the Fe ₂ O ₃ nanotube for efficient photocathodic protection of stainless steel under visible light. Journal of the Iranian Chemical Society, 2020, 17, 3367-3374.	1.2	17
33	Binding of biguanides to Î²-lactoglobulin: molecular-docking and molecular dynamics simulation studies. Chemical Papers, 2014, 68, .	1.0	14
34	Effect of silver sulfide decorating on structural, optical and photo catalytic properties of iron-doped titanium dioxide nanotubes films. Journal of Materials Science: Materials in Electronics, 2016, 27, 11804-11813.	1.1	13
35	Solar water-splitting using palladium modified tungsten trioxide-titania nanotube photocatalysts. Journal of Materials Science: Materials in Electronics, 2016, 27, 1805-1811.	1.1	13
36	Study of various aliphatic alcohols as sacrificial agents on photoelectrochemical behavior of nickel-platinum-modified Cr-TiO ₂ nanotubes. Journal of Solid State Electrochemistry, 2018, 22, 3137-3146.	1.2	13

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37	Fluorescence spectroscopic study on interaction of retinol with β -lactoglobulin in the presence of cetylpyridinium chloride. <i>Spectroscopy</i> , 2012, 27, 27-34.	0.8	11
38	Integrating docking and molecular dynamics approaches for a series of proline-based 2,5-diketopiperazines as novel β -tubulin inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 2285-2295.	2.0	11
39	Efficient sunlight-driven photocatalytic activity of chromium TiO ₂ nanotube nanocomposites prepared by anodizing and chemical bath deposition. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5335-5341.	1.1	10
40	Photochemical deposition of silver on Fe ₂ O ₃ nanotubes prepared by anodization and exploring their photoelectrochemical activity. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	10
41	Study of photoelectrochemical water splitting using films based on deposited TiO ₂ nanotubes. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	10
42	Influence of Photo-Deposited Pt and Pd onto Chromium Doped TiO ₂ Nanotubes in Photo-Electrochemical Water Splitting for Hydrogen Generation. <i>Catalysts</i> , 2021, 11, 212.	1.6	9
43	Furandicarboxylate derivatives as excellent fluorescence standards: Spectroscopical and electrochemical study. <i>Journal of Luminescence</i> , 2013, 135, 31-37.	1.5	8
44	Electrodeposition of silver on CrTiO ₂ nanotubes and study of their structural, morphological, optical and photocatalytic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 2607-2614.	1.1	8
45	Investigation of the morphology, structural, optical, and photoelectrochemical properties of WO ₃ @Fe ₂ O ₃ /CrTiO ₂ thin-film photoanodes for water splitting. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	8
46	Evaluation of Antioxidant Capacity of Hydrophilic and Hydrophobic Antioxidants Using Peroxyoxalate Chemiluminescence Reaction of the Novel Furandicarboxylate Derivative. <i>Food Analytical Methods</i> , 2014, 7, 283-290.	1.3	7
47	Highly efficient and photostable photocathodes based on CuWO ₄ /Cu ₂ O nanostructured thin films. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 701-715.	1.2	6
48	Simple and fast PO-CL method for the evaluation of antioxidant capacity of hydrophilic and hydrophobic antioxidants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 112, 1-6.	2.0	5
49	A computational study to identify the key residues of peroxisome proliferator-activated receptor gamma in the interactions with its antagonists. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1822-1833.	2.0	5
50	Surface treatment of titanium by in-situ anodization and NiO photodeposition: enhancement of photoelectrochemical properties for water splitting and photocathodic protection of stainless steel. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	5
51	Iron decorated tungsten-titania nanotubes as highly efficient photocatalysts for removal of Rhodamine B dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 6305-6312.	1.1	4
52	WO ₃ @TiO ₂ nanotubes modified with tin oxide as efficient and stable photocatalysts for photoelectrochemical water splitting. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1131-1140.	1.2	4
53	Extended light absorption and enhanced photoelectrochemical activity of palladium-decorated hematite nanotubes prepared by photodeposition method. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5087.	1.7	3
54	Photocatalytic oxidation of benzyl alcohol and the photoelectrochemical water splitting of visible light-activated TiO ₂ nanostructures prepared by one-step titanium anodization. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	3

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55	Prediction of the Interaction between Magnolia Extract, Herbal Medicines, with Human Serum Albumin Using Molecular Dynamics Simulation. <i>Current Bioinformatics</i> , 2018, 13, 207-215.	0.7	0