Yousef Ghayeb

List of Publications by Year in descending order

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55 papers	2,235 citations	257101 24 h-index	214527 47 g-index
55 all docs	55 docs citations	55 times ranked	2026 citing authors

#	Article	IF	Citations
1	Surface treatment of titanium by in-situ anodization and NiO photodeposition: enhancement of photoelectrochemical properties for water splitting and photocathodic protection of stainless steel. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	5
2	Influence of Photo-Deposited Pt and Pd onto Chromium Doped TiO2 Nanotubes in Photo-Electrochemical Water Splitting for Hydrogen Generation. Catalysts, 2021, 11, 212.	1.6	9
3	Photocatalytic oxidation of benzyl alcohol and the photoelectrochemical water splitting of visible light-activated TiO2 nanostructures prepared by one-step titanium anodization. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	3
4	Highly efficient and photostable photocathodes based on CuWO4/Cu2O nanostructured thin films. Journal of the Iranian Chemical Society, 2020, 17, 701-715.	1.2	6
5	RuO₂ photodeposited on W-doped and Cr-doped TiO₂ nanotubes with enhanced photoelectrochemical water splitting and capacitor properties. New Journal of Chemistry, 2020, 44, 2339-2349.	1.4	17
6	Successive ionic layer adsorption and reaction (SILAR) deposition of nickel sulfide on the Fe2O3 nanotube for efficient photocathodic protection of stainless steel under visible light. Journal of the Iranian Chemical Society, 2020, 17, 3367-3374.	1.2	17
7	WO3â€“TiO2 nanotubes modified with tin oxide as efficient and stable photocatalysts for photoelectrochemical water splitting. Journal of the Iranian Chemical Society, 2020, 17, 1131-1140.	1.2	4
8	Investigation of the morphology, structural, optical, and photoelectrochemical properties of WO3â€“Fe2O3/CrTiO2 thin-film photoanodes for water splitting. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	8
9	Extended light absorption and enhanced photoelectrochemical activity of palladiumâ€decorated hematite nanotubes prepared by photodeposition method. Applied Organometallic Chemistry, 2019, 33, e5087.	1.7	3
10	Preparation of various boron-doped TiO2 nanostructures by in situ anodizing method and investigation of their photoelectrochemical and photocathodic protection properties. Journal of the Iranian Chemical Society, 2019, 16, 1839-1851.	1.2	44
11	Photoelectrochemical properties of iron-cobalt WTiO2 nanotube photoanodes for water splitting and photocathodic protection of stainless steel. Journal of Electroanalytical Chemistry, 2019, 832, 7-23.	1.9	82
12	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
13	A computational study to identify the key residues of peroxisome proliferator-activated receptor gamma in the interactions with its antagonists. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1822-1833.	2.0	5
14	Fabrication, characterization and photoelectrochemical activity of tungsten-copper co-sensitized TiO2 nanotube composite photoanodes. Journal of Colloid and Interface Science, 2018, 514, 70-82.	5.0	89
15	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
16	Photochemical deposition of silver on Fe2O3 nanotubes prepared by anodization and exploring their photoelectrochemical activity. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	10
17	Study of various aliphatic alcohols as sacrificial agents on photoelectrochemical behavior of nickel-platinum-modified Cr-TiO2 nanotubes. Journal of Solid State Electrochemistry, 2018, 22, 3137-3146.	1.2	13
18	Study of photoelectrochemical water splitting using films based on deposited TiO2 nanotubes. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	10

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19	Enhanced photoelectrochemical water splitting of CrTiO₂nanotube photoanodes by the decoration of their surfaceviathe photodeposition of Ag and Au. Dalton Transactions, 2018, 47, 11593-11604.	1.6	30
20	Preparation of Niâ€“Pt/Feâ€“TiO₂ nanotube films for photoelectrochemical cathodic protection of 403 stainless steel. Nanotechnology, 2018, 29, 425701.	1.3	52
21	Prediction of the Interaction between Magnolia Extract, Herbal Medicines, with Human Serum Albumin Using Molecular Dynamics Simulation. Current Bioinformatics, 2018, 13, 207-215.	0.7	0
22	Reduced graphene oxide/Cu2O 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
23	Preparation and characterization of CrFeWTiO₂ photoanodes and their photoelectrochemical activities for water splitting. Dalton Transactions, 2017, 46, 12527-12536.	1.6	55
24	The effect of dichlorvos on the structural alteration of serum albumins: a combined spectroscopic and molecular dynamic simulation approach. Monatshefte FÃ¼r Chemie, 2017, 148, 1141-1151.	0.9	18
25	Electrodeposition of silver on CrTiO2 nanotubes and study of their structural, morphological, optical and photocatalytic properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 2607-2614.	1.1	8
26	Study of conformational changes in serum albumin by binding of chlorfenvinphos using multispectroscopic techniques and molecular dynamic simulation. Monatshefte FÃ¼r Chemie, 2017, 148, 781-791.	0.9	18
27	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
28	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
29	Preparation of cobalt coated TiO 2 and WO 3 â€“TiO 2 nanotube films via photo-assisted deposition with enhanced photocatalytic activity under visible light illumination. Ceramics International, 2016, 42, 7014-7022.	2.3	91
30	Iron decorated tungsten-titania nanotubes as highly efficient photocatalysts for removal of Rhodamine B dye. Journal of Materials Science: Materials in Electronics, 2016, 27, 6305-6312.	1.1	4
31	Photoinduced deposition of gold nanoparticles on TiO2â€“WO3 nanotube films as efficient photoanodes for solar water splitting. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	41
32	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
33	Cobalt modified tungstenâ€“titania nanotube composite photoanodes for photoelectrochemical solar water splitting. Journal of Materials Science: Materials in Electronics, 2016, 27, 3318-3327.	1.1	70
34	Photochemical deposition of platinum on titanium dioxideâ€“tungsten trioxide nanocomposites: an efficient photocatalyst under visible light irradiation. Journal of Materials Science: Materials in Electronics, 2016, 27, 1062-1069.	1.1	53
35	Fabrication, characterization and photoelectrochemical performance of chromium-sensitized titania nanotubes as efficient photoanodes for solar water splitting. Journal of Solid State Electrochemistry, 2016, 20, 683-689.	1.2	78
36	Fabrication, characterization and photocatalytic properties of Au/TiO2-WO3 nanotubular composite synthesized by photo-assisted deposition and electrochemical anodizing methods. Journal of Molecular Catalysis A, 2016, 417, 107-115.	4.8	81

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37	Fabrication and characterization of zinc oxide-decorated titania nanoporous by electrochemical anodizing-chemical bath deposition techniques: visible light active photocatalysts with good stability. Journal of the Iranian Chemical Society, 2016, 13, 481-488.	1.2	43
38	Efficient sunlight-driven photocatalytic activity of chromium TiO2 nanotube nanocomposites prepared by anodizing and chemical bath deposition. Journal of Materials Science: Materials in Electronics, 2015, 26, 5335-5341.	1.1	10
39	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
40	Fabrication, characterization and photoelectrochemical behavior of Feâ€“TiO2 nanotubes composite photoanodes for solar water splitting. Journal of Electroanalytical Chemistry, 2015, 751, 43-48.	1.9	149
41	Integrating docking and molecular dynamics approaches for a series of proline-based 2,5-diketopiperazines as novel Î±Î²-tubulin inhibitors. Journal of Biomolecular Structure and Dynamics, 2015, 33, 2285-2295.	2.0	11
42	Visible light activity of sulfur-doped TiO2 nanostructure photoelectrodes prepared by single-step electrochemical anodizing process. Journal of Solid State Electrochemistry, 2015, 19, 1359-1366.	1.2	92
43	Solar water splitting for hydrogen production with Fe2O3 nanotubes prepared by anodizing method: effect of anodizing time on performance of Fe2O3 nanotube arrays. Journal of Materials Science: Materials in Electronics, 2015, 26, 685-692.	1.1	47
44	Single-step electrochemical anodization for synthesis of hierarchical WO3â€“TiO2 nanotube arrays on titanium foil as a good photoanode for water splitting with visible light. Journal of Electroanalytical Chemistry, 2015, 739, 149-155.	1.9	165
45	Electrochemical construction of different titaniaâ€“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
46	Photoelectrochemical water splitting on chromium-doped titanium dioxide nanotube photoanodes prepared by single-step anodizing. Journal of Alloys and Compounds, 2015, 637, 393-400.	2.8	185
47	Visible light-driven photoelectrochemical water splitting on ZnOâ€“TiO2 heterogeneous nanotube photoanodes. Journal of Applied Electrochemistry, 2015, 45, 557-566.	1.5	142
48	Fabrication and characterization of copper doped TiO2 nanotube arrays by in situ electrochemical method as efficient visible-light photocatalyst. Ceramics International, 2015, 41, 8735-8741.	2.3	176
49	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
50	Evaluation of Antioxidant Capacity of Hydrophilic and Hydrophobic Antioxidants Using Peroxyoxalate Chemiluminescence Reaction of the Novel Furandicarboxylate Derivative. Food Analytical Methods, 2014, 7, 283-290.	1.3	7
51	Binding of biguanides to Î²-lactoglobulin: molecular-docking and molecular dynamics simulation studies. Chemical Papers, 2014, 68, .	1.0	14
52	Simple and fast PO-CL method for the evaluation of antioxidant capacity of hydrophilic and hydrophobic antioxidants. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 112, 1-6.	2.0	5
53	Furandicarboxylate derivatives as excellent fluorescence standards: Spectroscopical and electrochemical study. Journal of Luminescence, 2013, 135, 31-37.	1.5	8
54	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

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55	Fluorescence spectroscopic study on interaction of retinol with Î²-lactoglobulin in the presence of cetylpyridinium chloride. Spectroscopy, 2012, 27, 27-34.	0.8	11