Mohamad Mohsen Momeni

List of Publications by Year
in descending order

140 papers	4,619 citations	76326 40 h-index	123424 61 g-index
140 all docs	140 docs citations	140 times ranked	3631 citing authors

#	Article	IF	Citations
1	Photoelectrochemical water splitting on chromium-doped titanium dioxide nanotube photoanodes prepared by single-step anodizing. Journal of Alloys and Compounds, 2015, 637, 393-400.	5.5	185
2	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.	4.8	176
3	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.	3.8	165
4	Fabrication, characterization and photoelectrochemical behavior of Feâ€“TiO2 nanotubes composite photoanodes for solar water splitting. Journal of Electroanalytical Chemistry, 2015, 751, 43-48.	3.8	149
5	Visible light-driven photoelectrochemical water splitting on ZnOâ€“TiO2 heterogeneous nanotube photoanodes. Journal of Applied Electrochemistry, 2015, 45, 557-566.	2.9	142
6	Fabrication of copper decorated tungsten oxideâ€“titanium oxide nanotubes by photochemical deposition technique and their photocatalytic application under visible light. Applied Surface Science, 2015, 357, 160-166.	6.1	115
7	Preparation of TiO2 and WO3â€“TiO2 nanotubes decorated with PbO nanoparticles by chemical bath deposition process: A stable and efficient photo catalyst. Ceramics International, 2016, 42, 8691-8697.	4.8	106
8	Dye-sensitized solar cells based on nanocomposite of polyaniline/graphene quantum dots. Journal of Materials Science, 2016, 51, 2964-2971.	3.7	101
9	In-situ manganese doping of TiO2 nanostructures via single-step electrochemical anodizing of titanium in an electrolyte containing potassium permanganate: A good visible-light photocatalyst. Ceramics International, 2015, 41, 13692-13701.	4.8	94
10	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.	2.5	92
11	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.	4.8	91
12	Fabrication, characterization and photoelectrochemical activity of tungsten-copper co-sensitized TiO2 nanotube composite photoanodes. Journal of Colloid and Interface Science, 2018, 514, 70-82.	9.4	89
13	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.	3.8	82
14	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
15	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.	2.5	78
16	Application of amine-functionalized MCM-41 as pH-sensitive nano container for controlled release of 2-mercaptobenzoxazole corrosion inhibitor. Chemical Engineering Journal, 2016, 306, 849-857.	12.7	71
17	Cobalt modified tungstenâ€“titania nanotube composite photoanodes for photoelectrochemical solar water splitting. Journal of Materials Science: Materials in Electronics, 2016, 27, 3318-3327.	2.2	70
18	Highly Active Nickel Nanoparticles Supported on TiO₂ Nanotube Electrodes for Methanol Electrooxidation. Electroanalysis, 2010, 22, 2620-2625.	2.9	62

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19	Growth and characterization of Ta2O5 nanorod and WTa2O5 nanowire films on the tantalum substrates by a facile one-step hydrothermal method. Ceramics International, 2016, 42, 9133-9138.	4.8	60
20	Silver nanoparticles decorated titanium dioxide-tungsten trioxide nanotube films with enhanced visible light photo catalytic activity. Ceramics International, 2017, 43, 564-570.	4.8	59
21	Electrochemical fabrication of polyaniline films containing gold nanoparticles deposited on titanium electrode for electro-oxidation of ascorbic acid. Journal of Materials Science, 2010, 45, 2365-2371.	3.7	57
22	Silver nanoparticles dispersed in polyaniline matrixes coated on titanium substrate as a novel electrode for electro-oxidation of hydrazine. Journal of Materials Science, 2010, 45, 3304-3310.	3.7	55
23	Preparation and characterization of CrFeWTiO₂ photoanodes and their photoelectrochemical activities for water splitting. Dalton Transactions, 2017, 46, 12527-12536.	3.3	55
24	UV-cleaning properties of Pt nanoparticle-decorated titania nanotubes in the electro-oxidation of methanol: An anti-poisoning and refreshable electrode. Electrochimica Acta, 2012, 70, 1-9.	5.2	53
25	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.	2.2	53
26	Preparation of Niâ€“Pt/Feâ€“TiO₂ nanotube films for photoelectrochemical cathodic protection of 403 stainless steel. Nanotechnology, 2018, 29, 425701.	2.6	52
27	Electro-oxidation of hydrazine on gold nanoparticles supported on TiO2 nanotube matrix as a new high active electrode. Journal of Molecular Catalysis A, 2011, 335, 199-204.	4.8	51
28	Preparation of CuO nanostructures coating on copper as supercapacitor materials. Surface Engineering, 2014, 30, 775-778.	2.2	51
29	Gold particles supported on self-organized nanotubular TiO2 matrix as highly active catalysts for electrochemical oxidation of glucose. Journal of Solid State Electrochemistry, 2010, 14, 1109-1115.	2.5	50
30	Study of synergistic effect among photo-, electro-, and sonoprocesses in photocatalyst degradation of phenol on tungsten-loaded titania nanotubes composite electrode. Applied Physics A: Materials Science and Processing, 2015, 119, 1413-1422.	2.3	49
31	Ultrasonic irradiation preparation of graphitic-C3N4/polyaniline nanocomposites as counter electrodes for dye-sensitized solar cells. Ultrasonics Sonochemistry, 2018, 42, 631-639.	8.2	48
32	The graphitic carbon nitride/polyaniline/silver nanocomposites as a potential electrocatalyst for hydrazine detection. Journal of Electroanalytical Chemistry, 2019, 833, 9-16.	3.8	48
33	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.	2.2	47
34	Nanocomposite films of polyaniline/graphene quantum dots and its supercapacitor properties. Surface Engineering, 2016, 32, 535-540.	2.2	46
35	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.	2.2	44
36	Preparation and characterisation of manganeseâ€“TiO₂ nanocomposites for solar water splitting. Surface Engineering, 2016, 32, 514-519.	2.2	43

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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.	2.2	43
38	Electrodeposition of platinum metal on titanium and anodised titanium from P salt: Application to electro-oxidation of glycerol. Surface Engineering, 2007, 23, 419-424.	2.2	42
39	An innovative approach to electro-oxidation of dopamine on titanium dioxide nanotubes electrode modified by gold particles. Journal of Applied Electrochemistry, 2010, 40, 1421-1427.	2.9	42
40	Optical and photo catalytic characteristics of Ag2S/TiO2 nanocomposite films prepared by electrochemical anodizing and SILAR approach. Journal of Materials Science: Materials in Electronics, 2016, 27, 11201-11210.	2.2	41
41	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.	2.3	41
42	Preparation of Sâ€“W-codoped TiO2 nanotubes and effect of various hole scavengers on their photoelectrochemical activity: Alcohol series. International Journal of Hydrogen Energy, 2020, 45, 33552-33562.	7.1	41
43	Photodegradation of organic dye by ZnCrLa-layered double hydroxide as visible-light photocatalysts. Journal of Materials Science: Materials in Electronics, 2016, 27, 9861-9869.	2.2	40
44	Different TiO2 nanotubes for back illuminated dye sensitized solar cell: fabrication, characterization and electrochemical impedance properties of DSSCs. Journal of Materials Science: Materials in Electronics, 2014, 25, 5027-5034.	2.2	39
45	The effect of anodizing voltage on morphology and photocatalytic activity of tantalum oxide nanostructure. Journal of Materials Science: Materials in Electronics, 2016, 27, 3941-3947.	2.2	39
46	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.	2.2	38
47	Application of titanium oxide nanotube films containing gold nanoparticles for the electroanalytical determination of ascorbic acid. Thin Solid Films, 2011, 519, 3457-3461.	1.8	37
48	The effect of number of SILAR cycles on morphological, optical and photo catalytic properties of cadmium sulfideâ€“titania films. Journal of Materials Science: Materials in Electronics, 2016, 27, 10658-10666.	2.2	37
49	Facile and green synthesis of CuO nanoneedles with high photo catalytic activity. Journal of Materials Science: Materials in Electronics, 2016, 27, 9454-9460.	2.2	36
50	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.	2.2	36
51	Fabrication and characterization of hybrid films based on polyaniline and graphitic carbon nitride nanosheet. Journal of Applied Polymer Science, 2016, 133, .	2.6	32
52	Effects of platinum photodeposition time on the photoelectrochemical properties of Fe2O3 nanotube electrodes. Materials Letters, 2019, 237, 188-192.	2.6	32
53	Construction of Ce-Doped NiCo-LDH@CNT Nanocomposite Electrodes for High-Performance Supercapacitor Application. Energy & Fuels, 2021, 35, 1831-1841.	5.1	31
54	Enhanced photoelectrochemical water splitting of CrTiO₂nanotube photoanodes by the decoration of their surfaceviathe photodeposition of Ag and Au. Dalton Transactions, 2018, 47, 11593-11604.	3.3	30

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55	Platinum nanoparticle-decorated TiO2 nanotube arrays as new highly active and non-poisoning catalyst for photo-electrochemical oxidation of galactose. Applied Catalysis A: General, 2012, 427-428, 35-42.	4.3	29
56	A high-performance electrode based on Ce-doped nickelâ€'cobalt layered double hydroxide growth on carbon nanotubes for efficient oxygen evolution. Journal of Electroanalytical Chemistry, 2020, 877, 114643.	3.8	25
57	Nitrogen, carbon and iron multiple-co doped titanium dioxide nanotubes as a new high-performance photo catalyst. Journal of Materials Science: Materials in Electronics, 2016, 27, 8646-8653.	2.2	24
58	Photo-catalytic degradation of methylene blue over nano titanium/nickel oxide prepared from supported Schiff base complex on titanium dioxide. Journal of Materials Science: Materials in Electronics, 2016, 27, 3368-3375.	2.2	24
59	Visible light photocatalytic activity of novel Ni2+, Cu2+ and VO2 complexes derived from vanillin bidentate Schiff base ligand doped on TiO2 nanoparticles. Journal of Materials Science: Materials in Electronics, 2017, 28, 633-640.	2.2	24
60	Fabrication of Ag electrodeposited-iron doped TiO2 nanotube composites for photoelectrochemical cathodic protection applications. Journal of Electroanalytical Chemistry, 2021, 891, 115283.	3.8	24
61	Chromium-doped titanium oxide nanotubes grown via one-step anodization for efficient photocathodic protection of stainless steel. Surface and Coatings Technology, 2021, 420, 127304.	4.8	24
62	Fabrication of Auâ€Nanoparticle/TiO₂â€Nanotubes Electrodes Using Electrochemical Methods and Their Application for Electrocatalytic Oxidation of Hydroquinone. Electroanalysis, 2011, 23, 1654-1662.	2.9	23
63	Dye-sensitized solar cells based on Cr-doped TiO2 nanotube photoanodes. Rare Metals, 2017, 36, 865-871.	7.1	23
64	High-efficiency photoelectrochemical cathodic protection performance of the iron-nitrogen-sulfur-doped TiO₂ nanotube as new efficient photoanodes. Materials Research Express, 2020, 7, 086403.	1.6	23
65	WO₃ nanoparticles anchored on titania nanotube films as efficient photoanodes. Surface Engineering, 2015, 31, 259-264.	2.2	22
66	Photo catalytic property of Pt-CuO nanostructure films prepared by wet-chemical route and photochemical deposition method. Journal of Materials Science: Materials in Electronics, 2016, 27, 10147-10156.	2.2	22
67	Efficient degradation of methylene blue dye over tungsten trioxide/multi-walled carbon nanotube system as a novel photocatalyst. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	22
68	Fabrication of tungsten-iron-doped TiO2 nanotubes via anodization: new photoelectrodes for photoelectrochemical cathodic protection under visible light. SN Applied Sciences, 2019, 1, 1.	2.9	21
69	Enhanced photoelectrochemical performance of tin oxide decorated tungsten oxide doped TiO2 nanotube by electrodeposition for water splitting. Journal of Electroanalytical Chemistry, 2020, 876, 114505.	3.8	21
70	An innovative electrochemical approach for voltammetric determination of levodopa using gold nanoparticles doped on titanium dioxide nanotubes. Mikrochimica Acta, 2011, 172, 103-108.	5.0	20
71	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.	2.2	20
72	Fabrication of tungsten decorated titania nanotube arrays as electrode materials for supercapacitor applications. International Journal of Hydrogen Energy, 2015, 40, 8769-8777.	7.1	20

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73	Preparation, characterisation, hardness and antibacterial properties of Znâ€“Niâ€“TiO₂ nanocomposites coatings. Surface Engineering, 2016, 32, 490-494.	2.2	20
74	Pt/PANIâ€“MWCNTs nanocomposite coating prepared by electropolymerisationâ€“electrodeposition for glycerol electro-oxidation. Surface Engineering, 2015, 31, 472-479.	2.2	19
75	Antibacterial and photocatalytic activity of CuO nanostructure films with different morphology. Journal of Materials Science: Materials in Electronics, 2016, 27, 8131-8137.	2.2	19
76	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.	2.2	19
77	Hydrothermal synthesis and characterization of CuOâ€“CoO/TiO2 for photocatalytic degradation of methylene blue under visible light and catalytic reduction of P-nitrophenol. Journal of Materials Science: Materials in Electronics, 2020, 31, 14810-14822.	2.2	19
78	Evaluation of the Performance of Platinum Nanoparticleâ€“Titanium Oxide Nanotubes as a New Refreshable Electrode for Formic Acid Electroâ€oxidation. Fuel Cells, 2012, 12, 406-414.	2.4	18
79	Gold nanoparticles deposited on polyaniline nanofibres as for electro-oxidation of hydrazine. Surface Engineering, 2013, 29, 65-69.	2.2	18
80	ZnO nanorod films fabricated on zinc foil for photoelectrochemical water splitting. Surface Engineering, 2015, 31, 507-512.	2.2	18
81	Bismuth-containing layered double hydroxide as a novel efficient photocatalyst for degradation of methylene blue under visible light. Journal of the Iranian Chemical Society, 2017, 14, 695-701.	2.2	18
82	Efficient photo catalytic degradation of methyl orange over Agâ€“CuO nanostructures grown on copper foil under visible light irradiation. Journal of Materials Science: Materials in Electronics, 2016, 27, 6542-6551.	2.2	17
83	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.	2.8	17
84	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.	2.2	17
85	Effect of electrodeposition time on morphology and photoelecrochemical performance of bismuth vanadate films. Inorganic Chemistry Communication, 2021, 125, 108445.	3.9	17
86	Copper photodeposition on titania nanotube arrays and study of their optical and photocatalytic properties. Materials Research Innovations, 2016, 20, 44-50.	2.3	16
87	Photoelectrochemical performances of Fe2O3 nanotube films decorated with cadmium sulfide nanoparticles via photo deposition method. Physica B: Condensed Matter, 2019, 554, 57-63.	2.7	16
88	Photo-assisted electrodeposition of NiMoZn on hematite nanostructures and their photoelectrochemical application as photoanode for corrosion protection of stainless steel. Journal of Alloys and Compounds, 2021, 856, 158254.	5.5	16
89	Dye-sensitized solar cell and photocatalytic performance of nanocomposite photocatalyst prepared by electrochemical anodization. Bulletin of Materials Science, 2016, 39, 1389-1395.	1.7	15
90	Structural, morphological, optical and photoelectrochemical properties of ZnFe2O4 thin films grown via an electrodeposition method. Inorganic Chemistry Communication, 2021, 132, 108809.	3.9	15

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91	Multidentate Schiff bases as new and effective corrosion inhibitors for mild steel in hydrochloric acid solution: an electrochemical and quantum chemical assessment. Journal of the Iranian Chemical Society, 2015, 12, 2185-2197.	2.2	14
92	Photocatalytic properties of Crâ€“TiO₂ nanocomposite photoelectrodes produced by electrochemical anodisation of titanium. Surface Engineering, 2016, 32, 520-525.	2.2	14
93	Fe₂O₃ nanotube films prepared by anodisation as visible light photocatalytic. Surface Engineering, 2015, 31, 452-457.	2.2	13
94	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.	2.2	13
95	Solar water-splitting using palladium modified tungsten trioxide-titania nanotube photocatalysts. Journal of Materials Science: Materials in Electronics, 2016, 27, 1805-1811.	2.2	13
96	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.	2.5	13
97	Photoelectrochemical Cathodic Protection of Stainless Steel using W- and Cr-Doped/Codoped TiO₂ Nanotube Thin Film Photoanodes. Journal of the Electrochemical Society, 2021, 168, 081504.	2.9	13
98	Highly efficient photoelectrochemical water splitting by a novel nanocomposite titania photoanode. Materials Research Innovations, 2016, 20, 317-325.	2.3	12
99	Novel visible-light-responsive photo-catalysts based on palladium decorated nanotube films fabricated on titanium substrates. Ceramics International, 2016, 42, 11209-11216.	4.8	12
100	Effectiveness of MnO2 and V2O5 deposition on light fostered supercapacitor performance of WTiO2 nanotube: Novel electrodes for photo-assisted supercapacitors. Chemical Engineering Journal, 2022, 450, 137941.	12.7	12
101	Theoretical investigation of the water splitting photocatalytic properties of pristine, Nb and V doped, and Nb-V co-doped (1 1 1) TaON nanosheets. Applied Surface Science, 2021, 541, 148572.	6.1	11
102	Photochemical Deposition of Ag, Cu, Cu@Ag, and Ag@Cu on TiO2 Nanotubes and their Optical Properties and Photoelectrochemical Activity. Journal of Electronic Materials, 2021, 50, 5810-5818.	2.2	11
103	SYNTHESIS AND CHARACTERIZATION OF PALLADIUM NANOPARTICLES IMMOBILIZED ON TiO₂ NANOTUBES AS A NEW HIGH ACTIVE ELECTRODE FOR METHANOL ELECTRO-OXIDATION. International Journal of Nanoscience, 2012, 11, 1250016.	0.7	10
104	Fabrication and photo-electrocatalytic activity of highly oriented titania nanotube loaded with platinum nanoparticles for electro-oxidation of lactose: A new recyclable electro-catalyst. Journal of Molecular Catalysis A, 2012, 355, 216-222.	4.8	10
105	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.	2.2	10
106	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.	2.3	10
107	Study of photoelectrochemical water splitting using films based on deposited TiO2 nanotubes. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	10
108	Preparation and electrocatalytic activity of gold nanoparticle embedded in highly ordered TiO₂ nanotube array electrode for electro-oxidation of galactose. Surface Engineering, 2011, 27, 784-789.	2.2	9

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109	Influence of Photo-Deposited Pt and Pd onto Chromium Doped TiO2 Nanotubes in Photo-Electrochemical Water Splitting for Hydrogen Generation. Catalysts, 2021, 11, 212.	3.5	9
110	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.	2.2	8
111	Manganese films grown on TiO2 nanotubes by photodeposition, electrodeposition and photoelectrodeposition: preparation and photoelectrochemical properties. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	8
112	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.	2.3	8
113	Fabrication of Ta₂O₅ nanostructure films via electrochemical anodisation of tantalum. Surface Engineering, 2017, 33, 83-89.	2.2	7
114	Ironâ€“tungsten/titania nanotube films for photoelectrochemical water splitting. Surface Engineering, 2020, 36, 6-12.	2.2	7
115	Photoelectrochemical, photocatalytic and electrochemical hydrogen peroxide production using Fe/S-codoped TiO2 nanotubes as new visible-light-absorbing photocatalysts. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	7
116	Polyaniline nanofibers supported on titanium as templates for immobilization of Pd nanoparticles: A new electroâ€catalyst for hydrazine oxidation. Journal of Applied Polymer Science, 2012, 124, 4671-4677.	2.6	6
117	Dye-sensitized solar cells based on tungsten trioxide-titanium dioxide nanotube nanocomposite photoanodes. Materials Research Innovations, 2016, 20, 211-215.	2.3	6
118	Highly efficient and photostable photocathodes based on CuWO4/Cu2O nanostructured thin films. Journal of the Iranian Chemical Society, 2020, 17, 701-715.	2.2	6
119	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.	2.3	5
120	A new catalytic system for oxidative desulfurization of model diesel by hierarchical TiO2 nanotube arrays on titanium foil. Journal of Porous Materials, 2021, 28, 629-640.	2.6	5
121	Electrodeposited platinum nanostructure films on the tantalum for ethanol electro-oxidation. Surface Engineering, 2016, 32, 356-362.	2.2	4
122	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.	2.2	4
123	Effect of sacrificial agents on the photoelectrochemical properties of titanium dioxide co-doped with tungsten and manganese as new visible light active. Journal of the Iranian Chemical Society, 2020, 17, 3317-3326.	2.2	4
124	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.	2.2	4
125	A DFT study of the water-splitting photocatalytic properties of pristine, Nb-doped, and V-doped Ta3N5 monolayer nanosheets. Surfaces and Interfaces, 2021, 26, 101379.	3.0	4
126	Preparation of chromium and sulfur single and co-doped TiO2 nanostructures for efficient photoelectrochemical water splitting: effect of aliphatic alcohols on their activity. Journal of Solid State Electrochemistry, 2022, 26, 281-291.	2.5	4

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127	Developing an efficient approach for preparation of high-performance visible-light assisted ethanol electro-oxidation materials based on Pd, Pt and Pdâ€“Pt nanoparticles supported on iron doped titania nanotube films. International Journal of Hydrogen Energy, 2022, 47, 6789-6798.	7.1	4
128	Influence of top morphology of hematite nanotubes on photo degradation of methylene blue and solar water splitting performance. Materials Research Innovations, 2016, 20, 390-394.	2.3	3
129	Hydrogen evolution from solar water splitting on nanostructured copper oxide photocathodes. Materials Research Innovations, 2017, 21, 15-20.	2.3	3
130	Co-electrodeposition and characterisation of platinum nanoparticle-multi-walled carbon nanotube nanocomposite films as good electrocatalysts. Surface Engineering, 2017, 33, 102-109.	2.2	3
131	Extended light absorption and enhanced photoelectrochemical activity of palladiumâ€decorated hematite nanotubes prepared by photodeposition method. Applied Organometallic Chemistry, 2019, 33, e5087.	3.5	3
132	Lowâ€temperature preparation and photoelectrochemical properties of <scp>TiO₂ nanotubesâ€grapheneâ€CNT</scp> hybrid structure. Environmental Progress and Sustainable Energy, 2021, 40, e13613.	2.3	3
133	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.	2.3	3
134	PRAPARATION AND CHARACTERISATION OF TiO2 NANOTUBULAR ARRAYS FOR ELECTRO-OXIDATION OF ORGANIC COMPOUNDS: EFFECT OF IMMOBILIZATION OF THE NOBLE METAL PARTICLES. International Journal of Modern Physics Conference Series, 2012, 05, 41-48.	0.7	2
135	Efficient solar water-splitting using Cu/WO3-TiO2 photoanodes prepared by anodizing and photoassisted deposition method. Materials Research Innovations, 2016, 20, 8-13.	2.3	2
136	Easy synthesis of titaniaâ€“tungsten trioxide nanocomposite films by anodising method for solar water splitting. Materials Science and Technology, 2016, 32, 855-862.	1.6	2
137	Preparation, Characterization and Photocatalytic Activity of Titania Nanotube Arrays Decorated with Tungsten Trioxide. Rare Metal Materials and Engineering, 2016, 45, 2779-2783.	0.8	1
138	Fabrication of new photoanodes for solar-water-splitting photoelectrochemical cells: synergistic effect between platinum and nanocomposite photocatalysts. Materials Research Innovations, 2016, 20, 51-57.	2.3	1
139	Photocatalytic activity and photo-electrochemical performance of trimetallic (Cuâ€“Niâ€“Zn)/TiO2 coating on AISI 316L stainless steel for water treatment. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	1
140	Preparation and characterization of WTiO2 nanotubes decorated with Prussian blue nanoparticles and nanocubes with enhanced photoelectrochemical properties. Journal of the Australian Ceramic Society, 2021, 57, 961.	1.9	0