

Chin Wei Lai

List of Publications by Year in descending order

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135
papers

5,649
citations

101543

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85541

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137
all docs

137
docs citations

137
times ranked

7535
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene and Its Derivatives for Supercapacitor Application. , 2022, , 465-474.		2
2	Recent Advancements of Supercapacitor Electrode Materials Derived From Agriculture Waste Biomass. , 2022, , 382-397.		5
3	Photodegradation assessment of RB5 dye by utilizing WO ₃ /TiO ₂ nanocomposite: a cytotoxicity study. Environmental Science and Pollution Research, 2022, 29, 22372-22390.	5.3	3
4	Advanced photocatalytic degradation of acetaminophen using Cu ₂ O/WO ₃ /TiO ₂ ternary composite under solar irradiation. Catalysis Communications, 2022, 163, 106396.	3.3	17
5	Highly effective removal of volatile organic pollutants with p-n heterojunction photoreduced graphene oxide-TiO ₂ photocatalyst. Journal of Environmental Chemical Engineering, 2022, 10, 107304.	6.7	16
6	Bio-enhanced polyrhodanine/graphene Oxide/Fe ₃ O ₄ nanocomposite with kombucha solvent supernatant as ultra-sensitive biosensor for detection of doxorubicin hydrochloride in biological fluids. Materials Chemistry and Physics, 2022, 279, 125743.	4.0	25
7	Facile synthesis of multifunctional C@Fe ₃ O ₄ @MoO ₃ -rGO ternary composite and its versatile roles as sonoadsorbent to ameliorate triphenylmethane textile dye and as potential electrode for supercapacitor applications. Environmental Research, 2022, 212, 113417.	7.5	3
8	Plasma-Enabled Smart Nanoexosome Platform as Emerging Immunopathogenesis for Clinical Viral Infection. Pharmaceutics, 2022, 14, 1054.	4.5	16
9	Effective oxygenated boron groups of boron-doped photoreduced graphene oxide for photocatalytic removal of volatile organic compounds. Journal of Environmental Chemical Engineering, 2022, 10, 108047.	6.7	5
10	Titanium dioxide/graphene composites for dye-sensitized solar cell applications. , 2022, , 313-339.		0
11	The Pivotal Role of Quantum Dots-Based Biomarkers Integrated with Ultra-Sensitive Probes for Multiplex Detection of Human Viral Infections. Pharmaceutics, 2022, 15, 880.	3.8	19
12	EDTA functionalised cocoa pod carbon encapsulated SPIONs via green synthesis route to ameliorate textile dyes - Kinetics, isotherms, central composite design and artificial neural network. Sustainable Chemistry and Pharmacy, 2021, 19, 100349.	3.3	12
13	The improved photocatalytic activity of highly expanded MoS ₂ under visible light emitting diodes. Nanoscale Advances, 2021, 3, 1106-1120.	4.6	28
14	Graphene-Based Nanocomposites for Renewable Energy Application. , 2021, , 929-963.		0
15	Recent Progress in Electrochemical Detection of Human Papillomavirus (HPV) via Graphene-Based Nanosensors. Journal of Sensors, 2021, 2021, 1-15.	1.1	9
16	Recent Advancements in Polythiophene-Based Materials and their Biomedical, Geno Sensor and DNA Detection. International Journal of Molecular Sciences, 2021, 22, 6850.	4.1	31
17	Synthesis of MRGO Nanocomposites as a Potential Photocatalytic Demulsifier for Crude Oil-in-Water Emulsion. Journal of Composites Science, 2021, 5, 174.	3.0	6
18	Enhanced Conductivity Boosts the Cathodic Performance of Aluminium-Doped SrTiO ₃ in Rechargeable Alkaline Zinc Battery. Journal of the Electrochemical Society, 2021, 168, 080530.	2.9	4

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19	A high-capacity of oxygen induced SrTiO ₃ cathode material for rechargeable Alkaline Zinc battery. <i>Materials Science in Semiconductor Processing</i> , 2021, 130, 105802.	4.0	10
20	Bioactive Agent-Loaded Electrospun Nanofiber Membranes for Accelerating Healing Process: A Review. <i>Membranes</i> , 2021, 11, 702.	3.0	44
21	Mechanistic actions and contributing factors affecting the antibacterial property and cytotoxicity of graphene oxide. <i>Chemosphere</i> , 2021, 281, 130739.	8.2	36
22	Recycled Activated Carbon-Based Materials for the Removal of Organic Pollutants from Wastewater. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2021, , 513-539.	1.6	4
23	Synergistic antibacterial actions of graphene oxide and antibiotics towards bacteria and the toxicological effects of graphene oxide on human epidermal keratinocytes. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 142, 105087.	4.0	31
24	Hydrolytic cleavage of glycosidic bonds for cellulose nanoparticles (CNPs) production by BmimHSO ₄ ionic liquid catalyst. <i>Thermochimica Acta</i> , 2020, 684, 178484.	2.7	16
25	Data on cytotoxic and antibacterial activity of synthesized Fe ₃ O ₄ nanoparticles using <i>Malva sylvestris</i> . <i>Data in Brief</i> , 2020, 28, 104929.	1.0	39
26	Photocatalytic degradation mechanisms of dimethyl phthalate esters by MWCNTs-anatase TiO ₂ nanocomposites using the UHPLC/Orbitrap/MS technique. <i>Advanced Powder Technology</i> , 2020, 31, 533-547.	4.1	16
27	Asymmetric Membranes: A Potential Scaffold for Wound Healing Applications. <i>Symmetry</i> , 2020, 12, 1100.	2.2	43
28	Recent Progress in Chemical Composition, Production, and Pharmaceutical Effects of Kombucha Beverage: A Complementary and Alternative Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14.	1.2	47
29	Application of Efficient Magnetic Particles and Activated Carbon for Dye Removal from Wastewater. <i>ACS Omega</i> , 2020, 5, 20684-20697.	3.5	240
30	Influence of Sputtering Temperature of TiO ₂ Deposited onto Reduced Graphene Oxide Nanosheet as Efficient Photoanodes in Dye-Sensitized Solar Cells. <i>Molecules</i> , 2020, 25, 4852.	3.8	5
31	Unveiling the enhanced photoelectrochemical and photocatalytic properties of reduced graphene oxide for photodegradation of methylene blue dye. <i>RSC Advances</i> , 2020, 10, 37905-37915.	3.6	34
32	Development of graphene based nanocomposites towards medical and biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1189-1205.	2.8	33
33	Influence of Temperature Reaction for the CdSe@TiO ₂ Nanotube Thin Film Formation via Chemical Bath Deposition in Improving the Photoelectrochemical Activity. <i>Materials</i> , 2020, 13, 2533.	2.9	1
34	Chemical studies of metal oxide powders. , 2020, , 17-29.		0
35	Gold nanostars-diagnosis, bioimaging and biomedical applications. <i>Drug Metabolism Reviews</i> , 2020, 52, 299-318.	3.6	71
36	An investigation of the stirring duration effect on synthesized graphene oxide for dye-sensitized solar cells. <i>PLoS ONE</i> , 2020, 15, e0228322.	2.5	8

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37	Nano-photocatalyst in photocatalytic oxidation processes. , 2020, , 151-165.		4
38	Magnetically recoverable magnetite-reduced graphene oxide as a demulsifier for surfactant stabilized crude oil-in-water emulsion. PLoS ONE, 2020, 15, e0232490.	2.5	15
39	Development of hydrophobic reduced graphene oxide as a new efficient approach for photochemotherapy. RSC Advances, 2020, 10, 12851-12863.	3.6	39
40	Effect of temperature on synthesis of cellulose nanoparticles via ionic liquid hydrolysis process. Journal of Molecular Liquids, 2020, 308, 113030.	4.9	24
41	An investigation on surface modified TiO ₂ incorporated with graphene oxide for dye-sensitized solar cell. Solar Energy, 2019, 191, 663-671.	6.1	16
42	Facile one-pot solvothermal method to synthesize solar active Bi ₂ WO ₆ for photocatalytic degradation of organic dye. Journal of Alloys and Compounds, 2019, 801, 502-510.	5.5	67
43	An investigation on titanium doping in reduced graphene oxide by RF magnetron sputtering for dye-sensitized solar cells. Solar Energy, 2019, 188, 10-18.	6.1	13
44	Effective photoreduction of graphene oxide for photodegradation of volatile organic compounds. RSC Advances, 2019, 9, 18076-18086.	3.6	49
45	A review of synthesis and morphology of SrTiO_3 for energy and other applications. International Journal of Energy Research, 2019, 43, 5151-5174.	4.5	91
46	High performance supercapattery with rGO/TiO ₂ nanocomposites anode and activated carbon cathode. Journal of Alloys and Compounds, 2019, 796, 13-24.	5.5	38
47	Recent developments in biomass-derived carbon as a potential sustainable material for super-capacitor-based energy storage and environmental applications. Journal of Analytical and Applied Pyrolysis, 2019, 140, 54-85.	5.5	118
48	Recent developments of strontium titanate for photocatalytic water splitting application. International Journal of Hydrogen Energy, 2019, 44, 14316-14340.	7.1	89
49	A reduced graphene oxide-titanium dioxide nanocomposite based electrochemical aptasensor for rapid and sensitive detection of Salmonella enterica. Bioelectrochemistry, 2019, 127, 136-144.	4.6	78
50	Removal of methylene blue dye by solvothermally reduced graphene oxide: a metal-free adsorption and photodegradation method. RSC Advances, 2019, 9, 37686-37695.	3.6	66
51	Graphene Composites. , 2019, 23, 57-63.		2
52	An eco-friendly water-soluble graphene-incorporated agar gel electrolyte for magnesium-air batteries. Ionics, 2019, 25, 1291-1301.	2.4	34
53	Low-temperature synthesis of TiO ₂ nanocrystals for high performance electrochemical supercapacitors. Ceramics International, 2019, 45, 4990-5000.	4.8	47
54	Carbon Nanomaterial-Based Electrochemical Biosensors for Foodborne Bacterial Detection. Critical Reviews in Analytical Chemistry, 2019, 49, 510-533.	3.5	74

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55	CdSe/TiO ₂ nanotubes for enhanced photoelectrochemical activity under solar illumination: Influence of soaking time in CdSe bath solution. <i>Chemical Physics Letters</i> , 2019, 714, 6-10.	2.6	9
56	Polymers as Water Disinfectants. <i>Springer Series on Polymer and Composite Materials</i> , 2019, , 149-165.	0.7	0
57	One-step Solvothermal Synthesis of rGO/TiO ₂ Nanocomposite for Efficient Solar Photocatalytic Degradation of Methylene Blue Dye. <i>Current Nanoscience</i> , 2019, 15, 157-162.	1.2	16
58	Reduced Graphene Oxide Decorated TiO ₂ for Improving Dye-Sensitized Solar Cells (DSSCs). <i>Current Nanoscience</i> , 2019, 15, 631-636.	1.2	10
59	Graphene-Based Nanocomposites for Renewable Energy Application. , 2019, , 1-36.		0
60	One-pot hydrothermal synthesis of strontium titanate nanoparticles photoelectrode using electrophoretic deposition for enhancing photoelectrochemical water splitting. <i>Ceramics International</i> , 2018, 44, 9923-9933.	4.8	27
61	The relationship between iron and Ilmenite for photocatalyst degradation. <i>Advanced Powder Technology</i> , 2018, 29, 1779-1786.	4.1	9
62	Recent developments of graphene-TiO ₂ composite nanomaterials as efficient photoelectrodes in dye-sensitized solar cells: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 103-125.	16.4	124
63	An investigation of the dye-sensitized solar cell performance using graphene-titania (TrGO) photoanode with conventional dye and natural green chlorophyll dye. <i>Materials Science in Semiconductor Processing</i> , 2018, 74, 267-276.	4.0	40
64	Impact of TiO ₂ Nanotubesâ€™ Morphology on the Photocatalytic Degradation of Simazine Pollutant. <i>Materials</i> , 2018, 11, 2066.	2.9	20
65	Stability of custom-designed photoreactor for photocatalytic oxidation of Reactive Black 5 dye using zinc oxide. <i>Corrosion Engineering Science and Technology</i> , 2018, 53, 462-467.	1.4	3
66	Effect on the Formation of Magnetite Reduced Graphene Oxide with Controlled Stirring Duration. <i>MATEC Web of Conferences</i> , 2018, 202, 01003.	0.2	1
67	Enhance of TiO ₂ dopants incorporated reduced graphene oxide via RF magnetron sputtering for efficient dye-sensitised solar cells. <i>Rare Metals</i> , 2018, 37, 919-928.	7.1	12
68	Facile formation of colloidal silver nanoparticles using electrolysis technique and their antimicrobial activity. <i>Micro and Nano Letters</i> , 2018, 13, 407-410.	1.3	0
69	New insights into the photocatalytic endocrine disruptors dimethyl phthalate esters degradation by UV/MWCNTs-TiO ₂ nanocomposites. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 177-189.	3.9	25
70	One-step hydrothermal synthesis of titanium dioxide decorated on reduced graphene oxide for dye-sensitised solar cells application. <i>International Journal of Nanotechnology</i> , 2018, 15, 78.	0.2	4
71	CdSe Species Decorated TiO ₂ Nanotubes Film Via Chemical Bath Deposition for Enhancing Photoelectrochemical Water Splitting Performance. <i>Current Nanoscience</i> , 2018, 14, 148-153.	1.2	6
72	Porous 3D carbon decorated Fe ₃ O ₄ nanocomposite electrode for highly symmetrical supercapacitor performance. <i>RSC Advances</i> , 2017, 7, 23030-23040.	3.6	39

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73	Stability of tungsten oxide nanotubes film for improving photocatalytic oxidation reaction. <i>Corrosion Engineering Science and Technology</i> , 2017, 52, 405-410.	1.4	1
74	Graphene-based label-free electrochemical aptasensor for rapid and sensitive detection of foodborne pathogen. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6893-6905.	3.7	63
75	Polymeric Nanocomposites for Visible-Light-Induced Photocatalysis. <i>Springer Series on Polymer and Composite Materials</i> , 2017, , 175-201.	0.7	2
76	Facile preparation of nanocrystalline TiO ₂ thin films using electrophoretic deposition for enhancing photoelectrochemical water splitting response. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16244-16253.	2.2	8
77	Study of reduced graphene oxide film incorporated of TiO ₂ species for efficient visible light driven dye-sensitized solar cell. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3819-3836.	2.2	29
78	Applied bias photon-to-current conversion efficiency of ZnO enhanced by hybridization with reduced graphene oxide. <i>Journal of Energy Chemistry</i> , 2017, 26, 302-308.	12.9	39
79	Surface modification of reduced graphene oxide film by Ti ion implantation technique for high dye-sensitized solar cells performance. <i>Ceramics International</i> , 2017, 43, 625-633.	4.8	37
80	Photocatalytic Water Oxidation on ZnO: A Review. <i>Catalysts</i> , 2017, 7, 93.	3.5	122
81	Hydrothermal preparation of reduced graphene oxide/tungsten trioxide nanocomposites with enhanced electrochemical performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14554-14567.	2.2	12
82	Influence Applied Potential on the Formation of Self-Organized ZnO Nanorod Film and Its Photoelectrochemical Response. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-8.	2.5	7
83	Controllable Electrochemical Synthesis of Reduced Graphene Oxide Thin-Film Constructed as Efficient Photoanode in Dye-Sensitized Solar Cells. <i>Materials</i> , 2016, 9, 69.	2.9	15
84	Effect of reduced graphene oxide-hybridized ZnO thin films on the photoinactivation of <i>Staphylococcus aureus</i> and <i>Salmonella enterica</i> serovar Typhi. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 25-33.	3.8	15
85	Synthesis of reduced graphene oxide/tungsten trioxide nanocomposite electrode for high electrochemical performance. <i>Ceramics International</i> , 2016, 42, 13128-13135.	4.8	28
86	Fe-doped mesoporous anatase-brookite titania in the solar-light-induced photodegradation of Reactive Black 5 dye. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 153-161.	5.3	26
87	Novel layer-by-layer assembly of rGO-hybridised ZnO sandwich thin films for the improvement of photo-catalysed hydrogen production. <i>Journal of Energy Chemistry</i> , 2016, 25, 336-344.	12.9	19
88	Recent developments of zinc oxide based photocatalyst in water treatment technology: A review. <i>Water Research</i> , 2016, 88, 428-448.	11.3	1,760
89	Easy Formation of Nanodisk-Dendritic ZnO Film via Controlled Electrodeposition Process. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	2.7	4
90	In Situ Anodization of WO ₃ -Decorated TiO ₂ Nanotube Arrays for Efficient Mercury Removal. <i>Materials</i> , 2015, 8, 5702-5714.	2.9	12

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91	Advanced Chemical Reduction of Reduced Graphene Oxide and Its Photocatalytic Activity in Degrading Reactive Black 5. <i>Materials</i> , 2015, 8, 7118-7128.	2.9	97
92	Rapid Formation of 1D Titanate Nanotubes Using Alkaline Hydrothermal Treatment and Its Photocatalytic Performance. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	2.7	6
93	Surface Morphology and Growth of Anodic Titania Nanotubes Films: Photoelectrochemical Water Splitting Studies. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	2.7	7
94	Multivariate analysis of photocatalytic-mineralization of Eriochrome Black T dye using ZnO catalyst and UV irradiation. <i>Materials Science in Semiconductor Processing</i> , 2015, 39, 40-48.	4.0	37
95	Green preparation of reduced graphene oxide using a natural reducing agent. <i>Ceramics International</i> , 2015, 41, 9505-9513.	4.8	54
96	Facile Synthesis of High Quality Graphene Oxide from Graphite Flakes Using Improved Hummer's Technique. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 6769-6773.	0.9	21
97	Easy preparation of ultrathin reduced graphene oxide sheets at a high stirring speed. <i>Ceramics International</i> , 2015, 41, 5798-5806.	4.8	130
98	Controlled Growth of WO ₃ -Loaded TiO ₂ Nanotubes for Tandem Solar-Driven Water Splitting Cell. <i>Advanced Materials Research</i> , 2015, 1109, 243-247.	0.3	0
99	Analysis of Photocurrent Responses of Anodized TiO ₂ Nanotubes Synthesized from Different Organic Electrolytes. <i>Advanced Materials Research</i> , 2015, 1109, 429-433.	0.3	0
100	One-Step Formation of WO ₃ -Loaded TiO ₂ Nanotubes Composite Film for High Photocatalytic Performance. <i>Materials</i> , 2015, 8, 2139-2153.	2.9	32
101	Preparation of high crystallinity cellulose nanocrystals (CNCs) by ionic liquid solvolysis. <i>Biomass and Bioenergy</i> , 2015, 81, 584-591.	5.7	179
102	Formation of Functional Carbonaceous Materials via Iron Oxide-Assisted Hydrothermal Carbonization. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 655-660.	0.4	1
103	Photocatalysis and Photoelectrochemical Properties of Tungsten Trioxide Nanostructured Films. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	14
104	Photoelectrochemical response studies of W deposited TiO ₂ nanotubes via thermal evaporation technique. <i>Journal of Experimental Nanoscience</i> , 2014, 9, 728-738.	2.4	3
105	Anodic CaO-TiO ₂ Nanotubes Composite Film for Low Temperature CO ₂ Adsorption. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-6.	2.7	4
106	The Influence of Lead Concentration on Photocatalytic Reduction of Pb(II) Ions Assisted by Cu-TiO ₂ Nanotubes. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-7.	2.5	16
107	Multiwalled carbon nanotube/TiO ₂ nanocomposite as a highly active photocatalyst for photodegradation of Reactive Black 5 dye. <i>Chinese Journal of Catalysis</i> , 2014, 35, 2014-2019.	14.0	47
108	An Overview: Recent Development of Titanium Oxide Nanotubes as Photocatalyst for Dye Degradation. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-14.	2.5	42

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109	Fabrication and photocatalysis of nanotubular C-doped TiO ₂ arrays: Impact of annealing atmosphere on the degradation efficiency of methyl orange. <i>Materials Science in Semiconductor Processing</i> , 2014, 20, 1-6.	4.0	35
110	Photoelectrochemical properties of TiO ₂ nanotube arrays: effect of electrolyte pH and annealing temperature. <i>Journal of Experimental Nanoscience</i> , 2014, 9, 230-239.	2.4	13
111	Copper-incorporated titania nanotubes for effective lead ion removal. <i>Materials Science in Semiconductor Processing</i> , 2014, 26, 620-631.	4.0	22
112	Synthesis, characterization and comparative study of nano-Ag@TiO ₂ against Gram-positive and Gram-negative bacteria under fluorescent light. <i>Food Control</i> , 2014, 46, 480-487.	5.5	24
113	Post-annealing treatment for Cu-TiO ₂ nanotubes and their use in photocatalytic methyl orange degradation and Pb(II) heavy metal ions removal. <i>EPJ Applied Physics</i> , 2014, 67, 10404.	0.7	5
114	Fabrication of WO ₃ nanostructures by anodization method for visible-light driven water splitting and photodegradation of methyl orange. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 303-310.	4.0	51
115	Study of WO ₃ incorporated C-TiO ₂ nanotubes for efficient visible light driven water splitting performance. <i>Journal of Alloys and Compounds</i> , 2013, 547, 43-50.	5.5	51
116	Preparation of hybrid WO ₃ @TiO ₂ nanotube photoelectrodes using anodization and wet impregnation: Improved water-splitting hydrogen generation performance. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 2156-2166.	7.1	106
117	Effect of heat treatment on WO ₃ -loaded TiO ₂ nanotubes for hydrogen generation via enhanced water splitting. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 947-954.	4.0	35
118	Incorporation of WO ₃ species into TiO ₂ nanotubes via wet impregnation and their water-splitting performance. <i>Electrochimica Acta</i> , 2013, 87, 294-302.	5.2	73
119	TiO ₂ Nanotubes Arrays: Improved Photoelectrochemical Water Splitting by Adding Optimum Amount of Ethylene Glycol in KOH Electrolyte. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 57-62.	0.4	7
120	Single Step Formation of C-TiO ₂ Nanotubes: Influence of Applied Voltage and Their Photocatalytic Activity under Solar Illumination. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-8.	2.5	10
121	A Novel Solar Driven Photocatalyst: Well-Aligned Anodic WO ₃ Nanotubes. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-6.	2.5	14
122	Surface Modification and Bioactivity of Anodic Ti ₆ Al ₄ V Alloy. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 1696-1705.	0.9	21
123	Photoelectrochemical Performance of Smooth TiO ₂ Nanotube Arrays: Effect of Anodization Temperature and Cleaning Methods. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-11.	2.5	41
124	Effect of radio frequency sputtering power on W@TiO ₂ nanotubes to improve photoelectrochemical performance. <i>Journal of Materials Research</i> , 2012, 27, 1695-1704.	2.6	15
125	Photoelectrochemical Behaviour of Uniform Growth TiO ₂ Nanotubes via Bubble Blowing Synthesised in Ethylene Glycol with Hydrogen Peroxide. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 4057-4066.	0.9	17
126	OPTIMIZED SPUTTERING POWER TO INCORPORATE WO ₃ INTO C@TiO ₂ NANOTUBES FOR HIGHLY VISIBLE PHOTORESPONSE PERFORMANCE. <i>Nano</i> , 2012, 07, 1250051.	1.0	19

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127	Visible Light Photoelectrochemical Performance of W-loaded TiO ₂ Nanotube Arrays: Structural Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 3170-3174.	0.9	8
128	Preparation and photoelectrochemical characterization of WO ₃ -loaded TiO ₂ nanotube arrays via radio frequency sputtering. <i>Electrochimica Acta</i> , 2012, 77, 128-136.	5.2	45
129	Effect of Applied Potential on the Formation of Self-Organized TiO_2 Nanotube Arrays and Its Photoelectrochemical Response. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-7.	2.7	41
130	Nanotubular Transition Metal Oxide for Hydrogen Production. <i>Advanced Materials Research</i> , 0, 364, 494-499.	0.3	3
131	Discovery of WO ₃ /TiO ₂ Nanostructure Transformation by Controlling Content of NH ₄ F to Enhance Photoelectrochemical Response. <i>Advanced Materials Research</i> , 0, 620, 173-178.	0.3	2
132	Development of Hybrid WO ₃ -TiO ₂ Nanotubes for Solar Hydrogen Generation via Water Electrolysis. <i>Advanced Materials Research</i> , 0, 925, 474-478.	0.3	0
133	Improved Photocatalytic Oxidation of Organic Dye Using One-Dimensional Titania Nanotubes. <i>Advanced Materials Research</i> , 0, 1087, 186-190.	0.3	0
134	Facile Synthesis of One-Dimensional Titania Nanotubes via Hydrothermal Method. <i>Advanced Materials Research</i> , 0, 1087, 182-185.	0.3	0
135	WO ₃ -TiO ₂ Nanocomposite and its Applications: A Review. <i>Nano Hybrids and Composites</i> , 0, 20, 1-26.	0.8	12