

Chin Wei Lai

List of Publications by Year in descending order

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135
papers

5,649
citations

101543

36
h-index

85541

71
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137
all docs

137
docs citations

137
times ranked

7535
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Application of Efficient Magnetic Particles and Activated Carbon for Dye Removal from Wastewater. <i>ACS Omega</i> , 2020, 5, 20684-20697.	3.5	240
3	Preparation of high crystallinity cellulose nanocrystals (CNCs) by ionic liquid solvolysis. <i>Biomass and Bioenergy</i> , 2015, 81, 584-591.	5.7	179
4	Easy preparation of ultrathin reduced graphene oxide sheets at a high stirring speed. <i>Ceramics International</i> , 2015, 41, 5798-5806.	4.8	130
5	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
6	Photocatalytic Water Oxidation on ZnO: A Review. <i>Catalysts</i> , 2017, 7, 93.	3.5	122
7	Recent developments in biomass-derived carbon as a potential sustainable material for super-capacitor-based energy storage and environmental applications. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 140, 54-85.	5.5	118
8	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
9	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
10	A review of synthesis and morphology of SrTiO ₃ for energy and other applications. <i>International Journal of Energy Research</i> , 2019, 43, 5151-5174.	4.5	91
11	Recent developments of strontium titanate for photocatalytic water splitting application. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 14316-14340.	7.1	89
12	A reduced graphene oxide-titanium dioxide nanocomposite based electrochemical aptasensor for rapid and sensitive detection of <i>Salmonella enterica</i> . <i>Bioelectrochemistry</i> , 2019, 127, 136-144.	4.6	78
13	Carbon Nanomaterial-Based Electrochemical Biosensors for Foodborne Bacterial Detection. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 510-533.	3.5	74
14	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
15	Gold nanostars-diagnosis, bioimaging and biomedical applications. <i>Drug Metabolism Reviews</i> , 2020, 52, 299-318.	3.6	71
16	Facile one-pot solvothermal method to synthesize solar active Bi ₂ WO ₆ for photocatalytic degradation of organic dye. <i>Journal of Alloys and Compounds</i> , 2019, 801, 502-510.	5.5	67
17	Removal of methylene blue dye by solvothermally reduced graphene oxide: a metal-free adsorption and photodegradation method. <i>RSC Advances</i> , 2019, 9, 37686-37695.	3.6	66
18	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

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19	Green preparation of reduced graphene oxide using a natural reducing agent. <i>Ceramics International</i> , 2015, 41, 9505-9513.	4.8	54
20	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
21	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
22	Effective photoreduction of graphene oxide for photodegradation of volatile organic compounds. <i>RSC Advances</i> , 2019, 9, 18076-18086.	3.6	49
23	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
24	Low-temperature synthesis of TiO ₂ nanocrystals for high performance electrochemical supercapacitors. <i>Ceramics International</i> , 2019, 45, 4990-5000.	4.8	47
25	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
26	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
27	Bioactive Agent-Loaded Electrospun Nanofiber Membranes for Accelerating Healing Process: A Review. <i>Membranes</i> , 2021, 11, 702.	3.0	44
28	Asymmetric Membranes: A Potential Scaffold for Wound Healing Applications. <i>Symmetry</i> , 2020, 12, 1100.	2.2	43
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Development of hydrophobic reduced graphene oxide as a new efficient approach for photochemotherapy. <i>RSC Advances</i> , 2020, 10, 12851-12863.	3.6	39

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37	High performance supercapattery with rGO/TiO ₂ nanocomposites anode and activated carbon cathode. <i>Journal of Alloys and Compounds</i> , 2019, 796, 13-24.	5.5	38
38	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
39	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
40	Mechanistic actions and contributing factors affecting the antibacterial property and cytotoxicity of graphene oxide. <i>Chemosphere</i> , 2021, 281, 130739.	8.2	36
41	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
42	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
43	An eco-friendly water-soluble graphene-incorporated agar gel electrolyte for magnesium-air batteries. <i>Ionics</i> , 2019, 25, 1291-1301.	2.4	34
44	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
45	Development of graphene based nanocomposites towards medical and biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1189-1205.	2.8	33
46	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
47	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
48	Recent Advancements in Polythiophene-Based Materials and their Biomedical, Geno Sensor and DNA Detection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6850.	4.1	31
49	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
50	Synthesis of reduced graphene oxide/tungsten trioxide nanocomposite electrode for high electrochemical performance. <i>Ceramics International</i> , 2016, 42, 13128-13135.	4.8	28
51	The improved photocatalytic activity of highly expanded MoS ₂ under visible light emitting diodes. <i>Nanoscale Advances</i> , 2021, 3, 1106-1120.	4.6	28
52	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
53	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
54	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

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55	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. <i>Materials Chemistry and Physics</i> , 2022, 279, 125743.	4.0	25
56	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
57	Effect of temperature on synthesis of cellulose nanoparticles via ionic liquid hydrolysis process. <i>Journal of Molecular Liquids</i> , 2020, 308, 113030.	4.9	24
58	Copper-incorporated titania nanotubes for effective lead ion removal. <i>Materials Science in Semiconductor Processing</i> , 2014, 26, 620-631.	4.0	22
59	Surface Modification and Bioactivity of Anodic Ti6Al4V Alloy. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 1696-1705.	0.9	21
60	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
61	Impact of TiO ₂ Nanotubes' Morphology on the Photocatalytic Degradation of Simazine Pollutant. <i>Materials</i> , 2018, 11, 2066.	2.9	20
62	OPTIMIZED SPUTTERING POWER TO INCORPORATE WO ₃ INTO Ca-TiO ₂ NANOTUBES FOR HIGHLY VISIBLE PHOTO RESPONSE PERFORMANCE. <i>Nano</i> , 2012, 07, 1250051.	1.0	19
63	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
64	The Pivotal Role of Quantum Dots-Based Biomarkers Integrated with Ultra-Sensitive Probes for Multiplex Detection of Human Viral Infections. <i>Pharmaceuticals</i> , 2022, 15, 880.	3.8	19
65	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
66	Advanced photocatalytic degradation of acetaminophen using Cu ₂ O/WO ₃ /TiO ₂ ternary composite under solar irradiation. <i>Catalysis Communications</i> , 2022, 163, 106396.	3.3	17
67	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
68	An investigation on surface modified TiO ₂ incorporated with graphene oxide for dye-sensitized solar cell. <i>Solar Energy</i> , 2019, 191, 663-671.	6.1	16
69	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
70	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
71	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
72	Highly effective removal of volatile organic pollutants with p-n heterojunction photoreduced graphene oxide-TiO ₂ photocatalyst. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107304.	6.7	16

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73	Plasma-Enabled Smart Nanoexosome Platform as Emerging Immunopathogenesis for Clinical Viral Infection. <i>Pharmaceutics</i> , 2022, 14, 1054.	4.5	16
74	Effect of radio frequency sputtering power on TiO_2 nanotubes to improve photoelectrochemical performance. <i>Journal of Materials Research</i> , 2012, 27, 1695-1704.	2.6	15
75	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
76	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
77	Magnetically recoverable magnetite-reduced graphene oxide as a demulsifier for surfactant stabilized crude oil-in-water emulsion. <i>PLoS ONE</i> , 2020, 15, e0232490.	2.5	15
78	A Novel Solar Driven Photocatalyst: Well-Aligned Anodic WO_3 Nanotubes. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-6.	2.5	14
79	Photocatalysis and Photoelectrochemical Properties of Tungsten Trioxide Nanostructured Films. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	14
80	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
81	An investigation on titanium doping in reduced graphene oxide by RF magnetron sputtering for dye-sensitized solar cells. <i>Solar Energy</i> , 2019, 188, 10-18.	6.1	13
82	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
83	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
84	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
85	WO_3 - TiO_2 Nanocomposite and its Applications: A Review. <i>Nano Hybrids and Composites</i> , 0, 20, 1-26.	0.8	12
86	EDTA functionalised cocoa pod carbon encapsulated SPIONs via green synthesis route to ameliorate textile dyes - Kinetics, isotherms, central composite design and artificial neural network. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 19, 100349.	3.3	12
87	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
88	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
89	Reduced Graphene Oxide Decorated TiO_2 for Improving Dye-Sensitized Solar Cells (DSSCs). <i>Current Nanoscience</i> , 2019, 15, 631-636.	1.2	10
90	The relationship between iron and Ilmenite for photocatalyst degradation. <i>Advanced Powder Technology</i> , 2018, 29, 1779-1786.	4.1	9

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91	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
92	Recent Progress in Electrochemical Detection of Human Papillomavirus (HPV) via Graphene-Based Nanosensors. <i>Journal of Sensors</i> , 2021, 2021, 1-15.	1.1	9
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Synthesis of MRGO Nanocomposites as a Potential Photocatalytic Demulsifier for Crude Oil-in-Water Emulsion. <i>Journal of Composites Science</i> , 2021, 5, 174.	3.0	6
101	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
102	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
103	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
104	Recent Advancements of Supercapacitor Electrode Materials Derived From Agriculture Waste Biomass. , 2022, , 382-397.		5
105	Effective oxygenated boron groups of boron-doped photoreduced graphene oxide for photocatalytic removal of volatile organic compounds. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108047.	6.7	5
106	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
107	Easy Formation of Nanodisk-Dendritic ZnO Film via Controlled Electrodeposition Process. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	2.7	4
108	One-step hydrothermal synthesis of titanium dioxide decorated on reduced graphene oxide for dye-sensitized solar cells application. <i>International Journal of Nanotechnology</i> , 2018, 15, 78.	0.2	4

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109	Nano-photocatalyst in photocatalytic oxidation processes. , 2020, , 151-165.		4
110	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
111	Recycled Activated Carbon-Based Materials for the Removal of Organic Pollutants from Wastewater. Topics in Mining, Metallurgy and Materials Engineering, 2021, , 513-539.	1.6	4
112	Nanotubular Transition Metal Oxide for Hydrogen Production. Advanced Materials Research, 0, 364, 494-499.	0.3	3
113	Photoelectrochemical response studies of W deposited TiO ₂ nanotubes via thermal evaporation technique. Journal of Experimental Nanoscience, 2014, 9, 728-738.	2.4	3
114	Stability of custom-designed photoreactor for photocatalytic oxidation of Reactive Black 5 dye using zinc oxide. Corrosion Engineering Science and Technology, 2018, 53, 462-467.	1.4	3
115	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
116	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
117	Discovery of WO ₃ /TiO ₂ Nanostructure Transformation by Controlling Content of NH ₄ F to Enhance Photoelectrochemical Response. Advanced Materials Research, 0, 620, 173-178.	0.3	2
118	Polymeric Nanocomposites for Visible-Light-Induced Photocatalysis. Springer Series on Polymer and Composite Materials, 2017, , 175-201.	0.7	2
119	Graphene Composites. , 2019, 23, 57-63.		2
120	Graphene and Its Derivatives for Supercapacitor Application. , 2022, , 465-474.		2
121	Stability of tungsten oxide nanotubes film for improving photocatalytic oxidation reaction. Corrosion Engineering Science and Technology, 2017, 52, 405-410.	1.4	1
122	Effect on the Formation of Magnetite Reduced Graphene Oxide with Controlled Stirring Duration. MATEC Web of Conferences, 2018, 202, 01003.	0.2	1
123	Influence of Temperature Reaction for the CdSe@TiO ₂ Nanotube Thin Film Formation via Chemical Bath Deposition in Improving the Photoelectrochemical Activity. Materials, 2020, 13, 2533.	2.9	1
124	Formation of Functional Carbonaceous Materials via Iron Oxide-Assisted Hydrothermal Carbonization. Nanoscience and Nanotechnology Letters, 2015, 7, 655-660.	0.4	1
125	Development of Hybrid WO ₃ -TiO ₂ Nanotubes for Solar Hydrogen Generation via Water Electrolysis. Advanced Materials Research, 0, 925, 474-478.	0.3	0
126	Improved Photocatalytic Oxidation of Organic Dye Using One-Dimensional Titania Nanotubes. Advanced Materials Research, 0, 1087, 186-190.	0.3	0

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127	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
128	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
129	Facile Synthesis of One-Dimensional Titania Nanotubes via Hydrothermal Method. <i>Advanced Materials Research</i> , 0, 1087, 182-185.	0.3	0
130	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
131	Polymers as Water Disinfectants. <i>Springer Series on Polymer and Composite Materials</i> , 2019, , 149-165.	0.7	0
132	Chemical studies of metal oxide powders. , 2020, , 17-29.		0
133	Graphene-Based Nanocomposites for Renewable Energy Application. , 2021, , 929-963.		0
134	Graphene-Based Nanocomposites for Renewable Energy Application. , 2019, , 1-36.		0
135	Titanium dioxide/graphene composites for dye-sensitized solar cell applications. , 2022, , 313-339.		0