

## List of Publications by Year in descending order

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113  
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10,968  
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36203

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of TiO <sub>2</sub> photocatalyst for environmental applications. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2013, 15, 1-20.	5.6	858
2	Effects of Single Metal-Ion Doping on the Visible-Light Photoreactivity of TiO <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , 2010, 114, 783-792.	1.5	685
3	Effects of TiO <sub>2</sub> Surface Fluorination on Photocatalytic Reactions and Photoelectrochemical Behaviors. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4086-4093.	1.2	591
4	Photoinduced charge transfer processes in solar photocatalysis based on modified TiO <sub>2</sub> . <i>Energy and Environmental Science</i> , 2016, 9, 411-433.	15.6	494
5	Effects of the preparation method of the ternary CdS/TiO <sub>2</sub> /Pt hybrid photocatalysts on visible light-induced hydrogen production. <i>Journal of Materials Chemistry</i> , 2008, 18, 2379.	6.7	370
6	Carbon-doped TiO <sub>2</sub> photocatalyst synthesized without using an external carbon precursor and the visible light activity. <i>Applied Catalysis B: Environmental</i> , 2009, 91, 355-361.	10.8	351
7	Treatment technologies for aqueous perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA). <i>Frontiers of Environmental Science and Engineering in China</i> , 2009, 3, 129-151.	0.8	344
8	Photocatalytic Comparison of TiO <sub>2</sub> Nanoparticles and Electrospun TiO <sub>2</sub> Nanofibers: Effects of Mesoporosity and Interparticle Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16475-16480.	1.5	330
9	Light-harvesting multi-walled carbon nanotubes and CdS hybrids: Application to photocatalytic hydrogen production from water. <i>Energy and Environmental Science</i> , 2011, 4, 685-694.	15.6	259
10	Reductive Defluorination of Aqueous Perfluorinated Alkyl Surfactants: Effects of Ionic Headgroup and Chain Length. <i>Journal of Physical Chemistry A</i> , 2009, 113, 690-696.	1.1	251
11	Sonochemical Degradation of Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoate (PFOA) in Landfill Groundwater: Environmental Matrix Effects. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8057-8063.	4.6	231
12	Investigation on TiO <sub>2</sub> -coated optical fibers for gas-phase photocatalytic oxidation of acetone. <i>Applied Catalysis B: Environmental</i> , 2001, 31, 209-220.	10.8	206
13	Photosynthesis of formate from CO <sub>2</sub> and water at 1% energy efficiency via copper iron oxide catalysis. <i>Energy and Environmental Science</i> , 2015, 8, 2638-2643.	15.6	204
14	Kinetics and Mechanism of the Sonolytic Conversion of the Aqueous Perfluorinated Surfactants, Perfluorooctanoate (PFOA), and Perfluorooctane Sulfonate (PFOS) into Inorganic Products. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4261-4270.	1.1	203
15	Photoelectrochemical Investigation on Electron Transfer Mediating Behaviors of Polyoxometalate in UV-Illuminated Suspensions of TiO <sub>2</sub> and Pt/TiO <sub>2</sub> . <i>Journal of Physical Chemistry B</i> , 2003, 107, 3885-3890.	1.2	197
16	Strategic Modification of BiVO <sub>4</sub> for Improving Photoelectrochemical Water Oxidation Performance. <i>Journal of Physical Chemistry C</i> , 2013, 117, 9104-9112.	1.5	191
17	Effect of the Anchoring Group in Ru <sup>II</sup> -Bipyridyl Sensitizers on the Photoelectrochemical Behavior of Dye-Sensitized TiO <sub>2</sub> Electrodes: A Carboxylate versus Phosphonate Linkages. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8740-8749.	1.2	188
18	Photocatalytic Reactivities of Nafion-Coated TiO <sub>2</sub> for the Degradation of Charged Organic Compounds under UV or Visible Light. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11667-11674.	1.2	187

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19	Visible light and Fe(III)-mediated degradation of Acid Orange 7 in the absence of H <sub>2</sub> O <sub>2</sub> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 159, 241-247.	2.0	184
20	Solar Hydrogen Production Coupled with the Degradation of a Dye Pollutant Using TiO <sub>2</sub> Modified with Platinum and Nafion. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-9.	1.4	172
21	Ultra-efficient and durable photoelectrochemical water oxidation using elaborately designed hematite nanorod arrays. <i>Nano Energy</i> , 2017, 39, 211-218.	8.2	171
22	Selective Photocatalytic Oxidation of NH <sub>3</sub> to N <sub>2</sub> on Platinized TiO <sub>2</sub> in Water. <i>Environmental Science &amp; Technology</i> , 2002, 36, 5462-5468.	4.6	168
23	Solar water oxidation using nickel-borate coupled BiVO <sub>4</sub> photoelectrodes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6499.	1.3	156
24	Sonochemical Degradation of Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoate (PFOA) in Groundwater: Kinetic Effects of Matrix Inorganics. <i>Environmental Science &amp; Technology</i> , 2010, 44, 445-450.	4.6	153
25	Photoelectrochemical Approach for Metal Corrosion Prevention Using a Semiconductor Photoanode. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4775-4781.	1.2	152
26	Photocatalytic conversion of benzene to phenol using modified TiO <sub>2</sub> and polyoxometalates. <i>Catalysis Today</i> , 2005, 101, 291-297.	2.2	152
27	Electrochemical Water Splitting Coupled with Organic Compound Oxidation: The Role of Active Chlorine Species. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7935-7945.	1.5	148
28	Reversing CdS Preparation Order and Its Effects on Photocatalytic Hydrogen Production of CdS/Pt-TiO <sub>2</sub> Hybrids Under Visible Light. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6141-6148.	1.5	126
29	Comparative Study of Homogeneous and Heterogeneous Photocatalytic Redox Reactions: TiO <sub>2</sub> vs TiO <sub>2</sub> . <i>Journal of Physical Chemistry B</i> , 2004, 108, 6402-6411.	1.2	120
30	Sonochemical Degradation of Perfluorooctanesulfonate in Aqueous Film-Forming Foams. <i>Environmental Science &amp; Technology</i> , 2010, 44, 432-438.	4.6	114
31	Artificial Photosynthesis of C <sub>1</sub> -C <sub>3</sub> Hydrocarbons from Water and CO <sub>2</sub> on Titanate Nanotubes Decorated with Nanoparticle Elemental Copper and CdS Quantum Dots. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4658-4666.	1.1	105
32	Organic dye-sensitized TiO <sub>2</sub> as a versatile photocatalyst for solar hydrogen and environmental remediation. <i>Applied Catalysis B: Environmental</i> , 2012, 121-122, 206-213.	10.8	104
33	Sn-Coupled Si Nanowire Arrays for Solar Formate Production from CO <sub>2</sub> . <i>Advanced Energy Materials</i> , 2014, 4, 1301614.	10.2	96
34	Solar-Powered Electrochemical Oxidation of Organic Compounds Coupled with the Cathodic Production of Molecular Hydrogen. <i>Journal of Physical Chemistry A</i> , 2008, 112, 7616-7626.	1.1	89
35	Solar conversion of seawater uranium (VI) using TiO <sub>2</sub> electrodes. <i>Applied Catalysis B: Environmental</i> , 2015, 163, 584-590.	10.8	87
36	Visible-Light-Sensitized Production of Hydrogen Using Perfluorosulfonate Polymer-Coated TiO <sub>2</sub> Nanoparticles: An Alternative Approach to Sensitizer Anchoring. <i>Langmuir</i> , 2006, 22, 2906-2911.	1.6	82

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37	Electrolysis of urea and urine for solar hydrogen. <i>Catalysis Today</i> , 2013, 199, 2-7.	2.2	80
38	Effects of inorganic oxidants on kinetics and mechanisms of WO <sub>3</sub> -mediated photocatalytic degradation. <i>Applied Catalysis B: Environmental</i> , 2015, 162, 515-523.	10.8	79
39	Reductive degradation of perfluoroalkyl compounds with aquated electrons generated from iodide photolysis at 254 nm. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1945-1953.	1.6	76
40	Shift of the Reactive Species in the Sb-doped SnO <sub>2</sub> -Electrocatalyzed Inactivation of <i>E. coli</i> and Degradation of Phenol: Effects of Nickel Doping and Electrolytes. <i>Environmental Science &amp; Technology</i> , 2014, 48, 2877-2884.	4.6	74
41	A facile synthesis of CuFeO <sub>2</sub> and CuO composite photocatalyst films for the production of liquid formate from CO <sub>2</sub> and water over a month. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2123-2131.	5.2	73
42	Photoelectrochemical performance of multi-layered BiOx-TiO <sub>2</sub> /Ti electrodes for degradation of phenol and production of molecular hydrogen in water. <i>Journal of Hazardous Materials</i> , 2012, 211-212, 47-54.	6.5	72
43	Solar-Powered Production of Molecular Hydrogen from Water. <i>Journal of Physical Chemistry C</i> , 2008, 112, 885-889.	1.5	70
44	Combinatorial doping of TiO <sub>2</sub> with platinum (Pt), chromium (Cr), vanadium (V), and nickel (Ni) to achieve enhanced photocatalytic activity with visible light irradiation. <i>Journal of Materials Research</i> , 2010, 25, 149-158.	1.2	69
45	Photo-chargeable and dischargeable TiO <sub>2</sub> and WO <sub>3</sub> heterojunction electrodes. <i>Applied Catalysis B: Environmental</i> , 2012, 115-116, 74-80.	10.8	69
46	Visible light photocatalytic activities of nitrogen and platinum-doped TiO <sub>2</sub> : Synergistic effects of co-dopants. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 642-650.	10.8	69
47	Photoelectrochemical and Photocatalytic Behaviors of Hematite-Decorated Titania Nanotube Arrays: Energy Level Mismatch versus Surface Specific Reactivity. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7134-7142.	1.5	66
48	Ag(I) ions working as a hole-transfer mediator in photoelectrocatalytic water oxidation on WO <sub>3</sub> film. <i>Nature Communications</i> , 2020, 11, 967.	5.8	66
49	TiO <sub>2</sub> Nanotube Array Photoelectrocatalyst and Ni-doped SnO <sub>2</sub> Electrocatalyst Bifacial Electrodes: A New Type of Bifunctional Hybrid Platform for Water Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1907-1914.	4.0	61
50	Stand-alone photoconversion of carbon dioxide on copper oxide wire arrays powered by tungsten trioxide/dye-sensitized solar cell dual absorbers. <i>Nano Energy</i> , 2016, 25, 51-59.	8.2	58
51	How and to what extent do carbon materials catalyze solar hydrogen production from water?. <i>Applied Catalysis B: Environmental</i> , 2012, 125, 530-537.	10.8	52
52	A novel photoelectrochemical method of metal corrosion prevention using a TiO <sub>2</sub> solar panel. <i>Chemical Communications</i> , 2001, , 281-282.	2.2	51
53	Photocatalytic conversion of carbon dioxide to methane on TiO <sub>2</sub> /CdS in aqueous isopropanol solution. <i>Catalysis Today</i> , 2016, 266, 153-159.	2.2	48
54	Dual modification of hematite photoanode by Sn-doping and Nb <sub>2</sub> O <sub>5</sub> layer for water oxidation. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 591-599.	10.8	47

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55	Effects of TiO <sub>2</sub> surface fluorination on photocatalytic degradation of methylene blue and humic acid. <i>Research on Chemical Intermediates</i> , 2010, 36, 127-140.	1.3	43
56	Shape-Dependent Charge Transfers in Crystalline ZnO Photocatalysts: Rods versus Plates. <i>Journal of Physical Chemistry C</i> , 2014, 118, 21331-21338.	1.5	43
57	A Composite Photocatalyst of CdS Nanoparticles Deposited on TiO <sub>2</sub> Nanosheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3642-3646.	0.9	42
58	Optical resonance and charge transfer behavior of patterned WO <sub>3</sub> microdisc arrays. <i>Energy and Environmental Science</i> , 2016, 9, 3143-3150.	15.6	42
59	Template-engineered epitaxial BiVO <sub>4</sub> photoanodes for efficient solar water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18831-18838.	5.2	42
60	Ion-Enhanced Conversion of CO <sub>2</sub> into Formate on Porous Dendritic Bismuth Electrodes with High Efficiency and Durability. <i>ChemSusChem</i> , 2020, 13, 698-706.	3.6	42
61	Lithium ion-inserted TiO <sub>2</sub> nanotube array photoelectrocatalysts. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 233-240.	10.8	41
62	Titania nanofibers as a photo-antenna for dye-sensitized solar hydrogen. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1437-1444.	1.6	40
63	Facilitating hole transfer on electrochemically synthesized p-type CuAlO <sub>2</sub> films for efficient solar hydrogen production from water. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10165-10172.	5.2	40
64	Electrocatalytic arsenite oxidation using iron oxyhydroxide polymorphs (Î±-, Î²-, and Î³-FeOOH) in aqueous bicarbonate solution. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119608.	10.8	40
65	Study of special cases where the enhanced photocatalytic activities of Pt/TiO <sub>2</sub> vanish under low light intensity. <i>Catalysis Today</i> , 2006, 111, 259-265.	2.2	39
66	Carbon nanotubes as an auxiliary catalyst in heterojunction photocatalysis for solar hydrogen. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 647-653.	10.8	35
67	Trilayer CdS/carbon nanofiber (CNF) mat/Pt-TiO <sub>2</sub> composite structures for solar hydrogen production: Effects of CNF mat thickness. <i>Applied Catalysis B: Environmental</i> , 2016, 196, 216-222.	10.8	32
68	Enhancement of Hydrogen Evolution from Water Photocatalysis Using Liquid Phase Plasma on Metal Oxide-Loaded Photocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3659-3666.	3.2	32
69	High-Efficiency Solar Desalination Accompanying Electrocatalytic Conversions of Desalted Chloride and Captured Carbon Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15320-15328.	3.2	32
70	Electrocatalytic arsenite oxidation in bicarbonate solutions combined with CO <sub>2</sub> reduction to formate. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118607.	10.8	31
71	Homogeneous photoconversion of seawater uranium using copper and iron mixed-oxide semiconductor electrodes. <i>Applied Catalysis B: Environmental</i> , 2017, 207, 35-41.	10.8	27
72	Sunlight-harnessing and storing heterojunction TiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> /WO <sub>3</sub> electrodes for night-time applications. <i>RSC Advances</i> , 2013, 3, 17551.	1.7	26

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73	CdS-loaded flexible carbon nanofiber mats as a platform for solar hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 136-145.	3.8	25
74	ZnO nanostructure electrodeposited on flexible conductive fabric: A flexible photo-sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1106-1113.	4.0	25
75	Photoelectrochemical hydrogen production on silicon microwire arrays overlaid with ultrathin titanium nitride. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14008-14016.	5.2	24
76	Synthesis of Aliphatic Acids from CO <sub>2</sub> and Water at Efficiencies Close to the Photosynthesis Limit Using Mixed Copper and Iron Oxide Films. <i>ACS Energy Letters</i> , 2019, 4, 2075-2080.	8.8	24
77	Temperature-boosted photocatalytic H <sub>2</sub> production and charge transfer kinetics on TiO <sub>2</sub> under UV and visible light. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1247-1253.	1.6	23
78	Mo-doped BiVO <sub>4</sub> nanotextured pillars as efficient photoanodes for solar water splitting. <i>Journal of Alloys and Compounds</i> , 2017, 726, 1138-1146.	2.8	23
79	Reduced titania nanorods and Ni-MoS catalysts for photoelectrocatalytic water treatment and hydrogen production coupled with desalination. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119745.	10.8	23
80	Electrocatalytic water treatment using carbon nanotube filters modified with metal oxides. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1036-1043.	2.7	22
81	Evaluating the Catalytic Effects of Carbon Materials on the Photocatalytic Reduction and Oxidation Reactions of TiO <sub>2</sub> . <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1137-1144.	1.0	22
82	Photoactive component-loaded Nafion film as a platform of hydrogen generation: Alternative utilization of a classical sensitizing system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 203, 112-118.	2.0	21
83	High efficiency solar chemical conversion using electrochemically disordered titania nanotube arrays transplanted onto transparent conductive oxide electrodes. <i>Applied Catalysis B: Environmental</i> , 2018, 226, 194-201.	10.8	21
84	Computational density functional theory study on the selective conversion of CO <sub>2</sub> to formate on homogeneously and heterogeneously mixed CuFeO <sub>2</sub> and CuO surfaces. <i>Catalysis Today</i> , 2019, 335, 345-353.	2.2	20
85	Electrocatalytic activity of metal-doped SnO <sub>2</sub> for the decomposition of aqueous contaminants: Ta-SnO vs. Sb-SnO. <i>Chemical Engineering Journal</i> , 2021, 409, 128175.	6.6	20
86	Solar hydrogen peroxide production on carbon nanotubes wired to titania nanorod arrays catalyzing As(III) oxidation. <i>Applied Catalysis B: Environmental</i> , 2019, 252, 55-61.	10.8	19
87	Theoretical insight into effect of cation-anion pairs on CO <sub>2</sub> reduction on bismuth electrocatalysts. <i>Applied Surface Science</i> , 2020, 532, 147459.	3.1	18
88	Highly efficient hydrogen production using p-Si wire arrays and NiMoZn heterojunction photocathodes. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 615-621.	10.8	17
89	In Situ-Generated Reactive Oxygen Species in Precharged Titania and Tungsten Trioxide Composite Catalyst Membrane Filters: Application to As(III) Oxidation in the Absence of Irradiation. <i>Environmental Science &amp; Technology</i> , 2020, 54, 9601-9608.	4.6	17
90	Synergistic conversion of CO <sub>2</sub> into C <sub>1</sub> and C <sub>2</sub> gases using hybrid in-doped TiO <sub>2</sub> and g-C <sub>3</sub> N <sub>4</sub> photocatalysts. <i>Chemical Engineering Journal</i> , 2022, 437, 135388.	6.6	17

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91	Novel complexation between ferric ions and nonionic surfactants (Brij) and its visible light activity for CCl <sub>4</sub> degradation in aqueous micellar solutions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 165, 43-50.	2.0	14
92	Substitution effect of pentavalent bismuth ions on the electronic structure and physicochemical properties of perovskite-structured Ba(In <sub>0.5</sub> Ta <sub>0.5</sub> ~xBi <sub>x</sub> )O <sub>3</sub> semiconductors. <i>Materials Research Bulletin</i> , 2007, 42, 1914-1920.	2.7	14
93	Facile Electrochemical Synthesis of Highly Efficient Copper~Cobalt Oxide Nanostructures for Oxygen Evolution Reactions. <i>Journal of the Electrochemical Society</i> , 2020, 167, 026510.	1.3	14
94	Standalone photoconversion of CO <sub>2</sub> using Ti and TiO <sub>x</sub> -sandwiched heterojunction photocatalyst of CuO and CuFeO <sub>2</sub> films. <i>Applied Catalysis B: Environmental</i> , 2021, 288, 119985.	10.8	14
95	Carbon-catalyzed dye-sensitization for solar hydrogen production. <i>Catalysis Today</i> , 2014, 230, 15-19.	2.2	13
96	Harnessing and storing visible light using a heterojunction of WO <sub>3</sub> and CdS for sunlight-free catalysis. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1006-1011.	1.6	13
97	ZnO rods rooted on manifold carbon nanofiber paper as a scalable photocatalyst platform: the effects of ZnO morphology. <i>RSC Advances</i> , 2016, 6, 85521-85528.	1.7	12
98	Effect of liquid phase plasma on photocatalysis of water for hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 17386-17393.	3.8	12
99	Photocatalytic H <sub>2</sub> production on trititanate nanotubes coupled with CdS and platinum nanoparticles under visible light: revisiting H <sub>2</sub> production and material durability. <i>Faraday Discussions</i> , 2017, 198, 419-431.	1.6	12
100	Effects of electrochemical synthetic conditions on surface property and photocatalytic performance of copper and iron-mixed p-type oxide electrodes. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1503-1510.	5.6	12
101	Effect of ZnO Electrodeposited on Carbon Film and Decorated with Metal Nanoparticles for Solar Hydrogen Production. <i>Journal of Materials Science and Technology</i> , 2016, 32, 1059-1065.	5.6	11
102	Photoelectrochemical hydrogen production using CdS nanoparticles photodeposited onto Li-ion-inserted titania nanotube arrays. <i>Catalysis Today</i> , 2018, 303, 289-295.	2.2	11
103	High-Valent Iron Redox-Mediated Photoelectrochemical Water Oxidation. <i>ACS Energy Letters</i> , 2022, 7, 59-66.	8.8	10
104	The effect of nanostructure dimensionality on the photoelectrochemical properties of derived TiO <sub>2</sub> films. <i>Electrochimica Acta</i> , 2021, 373, 137900.	2.6	9
105	Solar remediation of wastewater and saline water with concurrent production of value-added chemicals. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106919.	3.3	9
106	Effect of shape-driven intrinsic surface defects on photocatalytic activities of titanium dioxide in environmental application. <i>Applied Surface Science</i> , 2017, 423, 71-77.	3.1	7
107	Electrocatalytic activities of electrochemically reduced tubular titania arrays loaded with cobalt ions in flow-through processes. <i>Chemical Engineering Journal</i> , 2021, 404, 126410.	6.6	7
108	Sunlight-charged heterojunction TiO <sub>2</sub> and WO <sub>3</sub> particle-embedded inorganic membranes for night-time environmental applications. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 491-498.	1.6	6

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109	Catalytic activity of photocharged binary TiO <sub>2</sub> and WO <sub>3</sub> membrane filters: Effect of AlO interlayer on direct vs. mediated electron transfers. <i>Chemical Engineering Journal</i> , 2022, 437, 135319.	6.6	6
110	Platinum-decorated Cu(InGa)Se <sub>2</sub> /CdS photocathodes: Optimization of Pt electrodeposition time and pH level. <i>Journal of Alloys and Compounds</i> , 2017, 692, 294-300.	2.8	5
111	Effect of Fe/N-doped carbon nanotube (CNT) wall thickness on CO <sub>2</sub> conversion: A DFT study. <i>Sustainable Materials and Technologies</i> , 2020, 26, e00224.	1.7	3
112	Strategic Design of Heterojunction CdS Photocatalysts for Solar Hydrogen. <i>Nanostructure Science and Technology</i> , 2014, , 1-22.	0.1	3
113	SWNTs-catalyzed solar hydrogen production. <i>Rapid Communication in Photoscience</i> , 2014, 3, 56-58.	0.1	2