Citation Report

List of articles citing

TiO2 nanotube (T_NT) surface treatment revisited: Implications of ZnO, TiCl4, and H2O2 treatment on the photoelectrochemical properties of T_NT and T_NT-CdSe

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Nanoscale, 2013, 5, 269-74.

#	Paper	IF	Citations
41	Au nanostructure-decorated TiO2 nanowires exhibiting photoactivity across entire UV-visible region for photoelectrochemical water splitting. *Nano Letters*, **2013**, 13, 3817-23	11.5	725
40	Self-Ordered Titanium Dioxide Nanotube Arrays: Anodic Synthesis and Their Photo/Electro-Catalytic Applications. *Materials*, **2013**, 6, 2892-2957	3.5	78
39	A nanocomposite of carbon quantum dots and TiO2 nanotube arrays: enhancing photoelectrochemical and photocatalytic properties. *RSC Advances*, **2014**, 4, 1120-1127	3.7	128
38	Photoassisted enhancement of the electrocatalytic oxidation of formic acid on platinized TiO nanotubes. *ACS Applied Materials & Interfaces*, **2014**, 6, 5585-94	9.5	37
37	A unique architecture based on 1 D semiconductor, reduced graphene oxide, and chalcogenide with multifunctional properties. *Chemistry - A European Journal*, **2014**, 20, 10456-65	4.8	11
36	TiO nanotubes sensitized with CdSe via RF magnetron sputtering for photoelectrochemical applications under visible light irradiation. *Physical Chemistry Chemical Physics*, **2014**, 16, 9148-53	3.6	25
35	Role of reduced graphene oxide in the critical components of a CdS-sensitized TiO2 -based photoelectrochemical cell. *ChemPhysChem*, **2014**, 15, 2010-8	3.2	14
34	Surface Passivation of TiO2 Nanowires Using a Facile Precursor-Treatment Approach for Photoelectrochemical Water Oxidation. *Journal of Physical Chemistry C*, **2014**, 118, 15086-15094	3.8	74
33	Application of ZnxCd1Se-sensitized TiO2 nanotube arrays as photoanodes for solar cells. *Journal of Materials Chemistry A*, **2014**, 2, 10116	13	21
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31	A facile green antisolvent approach to Cu2+-doped ZnO nanocrystals with visible-light-responsive photoactivities. *Nanoscale*, **2014**, 6, 8796-803	7.7	125
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28	A Surlyn/magnesium oxide nanocomposite as an effective water vapor barrier for organic device encapsulation. *RSC Advances*, **2015**, 5, 32580-32587	3.7	13
27	Photoelectrochemical Infiltration of a Conducting Polymer (PEDOT) into Metal-Chalcogenide Decorated TiO2 Nanotube Arrays. *Electrochimica Acta*, **2015**, 151, 467-476	6.7	18
26	Oxygen Deficient TiO2 Photoanode for Photoelectrochemical Water Oxidation. *Solid State Phenomena*, **2016**, 253, 11-40	0.4	1
25	Engineered Solution-Liquid-Solid Growth of a "Treelike" 1D/1D TiO Nanotube-CdSe Nanowire Heterostructure: Photoelectrochemical Conversion of Broad Spectrum of Solar Energy. *ACS Applied Materials & Interfaces*, **2016**, 8, 33280-33288	9.5	16

24	ZnO Seed Layers Prepared by DC Reactive Magnetron Sputtering to be Applied as Electrodeposition Substrates. *Journal of the Electrochemical Society*, **2016**, 163, H697-H704	3.9	4
23	How Beneficial Is Reduced Graphene Oxide (RGO) for Long-Term Photo Generated Charge Transport in Bismuth Titanate RGO Nanocomposite Films?. *Journal of the Electrochemical Society*, **2016**, 163, H147-H153	3.9	5
22	Acrylate-based Polymerizable Sol Gel Synthesis of Magnetically Recoverable TiO2 Supported Fe3O4 for Cr(VI) Photoreduction in Aerobic Atmosphere. *ACS Sustainable Chemistry and Engineering* , **2016**, 4, 974-982	8.3	83
21	TiO2 Nanotube/Chalcogenide-Based Photoelectrochemical Cell: Nanotube Diameter Dependence Study. *Journal of Physical Chemistry C*, **2017**, 121, 6065-6071	3.8	21
20	Progress in Developing Metal Oxide Nanomaterials for Photoelectrochemical Water Splitting. *Advanced Energy Materials*, **2017**, 7, 1700555	21.8	291
19	Carbon nanodots-based nanocomposites with enhanced photocatalytic performance and photothermal effects. *Applied Physics Letters*, **2017**, 111, 013904	3.4	9
18	One-Pot Fabrication of High Coverage PbS Quantum Dot Nanocrystal-Sensitized Titania Nanotubes for Photoelectrochemical Processes. *Journal of Physical Chemistry C*, **2018**, 122, 13659-13668	3.8	22
17	Enhanced Efficiency of Dye-sensitized Solar Cells Using rGO@TiO2 Nanotube Hybrids. *Chemical Research in Chinese Universities*, **2018**, 34, 269-273	2.2	5
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11	Enhanced charge separation and interfacial charge transfer of InGaN nanorods/C3N4 heterojunction photoanode. *Electrochimica Acta*, **2019**, 324, 134844	6.7	8
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8	Enhanced solar light driven hydrogen generation and environment remediation through Nd incorporated ZnIn2S4. *Renewable Energy*, **2020**, 162, 2031-2040	8.1	6
7	Tri-functional molecular relay to fabricate size-controlled CoOx nanoparticles and WO3 photoanode for an efficient photoelectrochemical water oxidation. *Catalysis Science and Technology*, **2020**, 10, 5677-5687	5.5	4

6	A Selective Synthesis of TaON Nanoparticles and Their Comparative Study of Photoelectrochemical Properties. *Catalysts*, **2020**, 10, 1128	4	3
5	Photoelectrochemical Hydrogen Evolution. **2021**, 107-127		
4	Boosting photoanodic activity for water splitting in carbon dots aqueous solution without any traditional supporting electrolyte. *Applied Catalysis B: Environmental*, **2021**, 296, 120378	21.8	4
3	Long and Well-Separated TiO2 Nanowire Arrays Decorated with Au Nanoparticles for Visible-Light-Driven Photoelectrochemical Water Splitting. *Journal of Physical Chemistry C*, **2022**, 126, 1966-1971	3.8	1
2	Investigation of the Photoinduced Deposition Mechanism and Interfacial Properties Related to the Photoelectrochemical Performance of Pb/Cu□Au Bimetallic Nanocrystals. *Journal of the Electrochemical Society*, **2022**, 169, 036509	3.9	
1	Carbon quantum dots aqueous solution as electrolyte for H2O2 production based on photoelectrochemical water splitting.		0