

Wei Yan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142
papers

3,829
citations

38
h-index

55
g-index

151
ext. papers

4,823
ext. citations

8
avg, IF

6.04
L-index

#	Paper	IF	Citations
142	A COF-like conductive conjugated microporous poly(aniline) serving as a current collector modifier for high-performance LiS batteries. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 1359-1368	13	4
141	Selective adsorption towards heavy metal ions on the green synthesized polythiophene/MnO ₂ with a synergetic effect. <i>Journal of Cleaner Production</i> , 2022 , 338, 130536	10.3	4
140	In situ enrichment amplification strategy enabling highly sensitive formaldehyde gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2022 , 354, 131206	8.5	7
139	Magnetically assembled electrodes based on Pt, RuO-IrO-TiO and Sb-SnO for electrochemical oxidation of wastewater featured by fluctuant Cl concentration. <i>Journal of Hazardous Materials</i> , 2022 , 421, 126803	12.8	4
138	Hollow urchin-like MnO microspheres as an advanced sulfur host for enabling Li-S batteries with high gravimetric energy density. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 1111-1119	9.3	6
137	Conjugated microporous poly(aniline)s for removal of low-concentration formaldehyde. <i>Chemical Engineering Science</i> , 2022 , 248, 117119	4.4	5
136	Evaluation of diclofenac degradation effect in "active" and "non-active" anodes: A new consideration about mineralization inclination. <i>Chemosphere</i> , 2022 , 286, 131580	8.4	3
135	Similarities and Differences in Quorum Sensing-Controlled Bioluminescence between Photobacterium phosphoreum T3 and Vibrio qinghaiensis sp.-Q67. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2066	2.6	0
134	Spirobifluorene-Based Conjugated Microporous Polymer-Grafted Carbon Nanotubes for Efficient Supercapacitive Energy Storage. <i>ACS Applied Energy Materials</i> , 2022 , 5, 3706-3714	6.1	1
133	Dual-functional sites for synergistic adsorption of Cr(VI) and Sb(V) by polyaniline-TiO ₂ hydrate: Adsorption behaviors, sites and mechanisms. <i>Frontiers of Environmental Science and Engineering</i> , 2022 , 16, 1	5.8	2
132	Preparation of Templated Materials and Their Application to Typical Pollutants in Wastewater: A Review.. <i>Frontiers in Chemistry</i> , 2022 , 10, 882876	5	0
131	Fabrication of polyaniline/poly(vinyl alcohol)/montmorillonite hybrid aerogels toward efficient adsorption of organic dye pollutants.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129004	12.8	4
130	Chemotaxis Toward Crude Oil by an Oil-Degrading 6-1B Strain. <i>Polish Journal of Microbiology</i> , 2021 , 70, 69-78	1.8	0
129	Insight into the effect of surfactant modification on the versatile adsorption of titanate-based materials for cationic and anionic contaminants. <i>Chemosphere</i> , 2021 , 269, 129383	8.4	2
128	Selection of anode materials and optimization of operating parameters for electrochemical water descaling. <i>Separation and Purification Technology</i> , 2021 , 261, 118304	8.3	10
127	A high-safety and multifunctional MOFs modified aramid nanofiber separator for lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2021 , 411, 128540	14.7	44
126	Fabrication of 3D compressible polyaniline/cellulose nanofiber aerogel for highly efficient removal of organic pollutants and its environmental-friendly regeneration by peroxydisulfate process. <i>Chemical Engineering Journal</i> , 2021 , 414, 128931	14.7	16

125	Effective removal of ammonium nitrogen using titanate adsorbent: Capacity evaluation focusing on cation exchange. <i>Science of the Total Environment</i> , 2021 , 771, 144800	10.2	3
124	Current-Density Regulating Lithium Metal Directional Deposition for Long Cycle-Life Li Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19306-19313	16.4	10
123	One-Dimensional Nanomaterials in Resistive Gas Sensor: From Material Design to Application. <i>Chemosensors</i> , 2021 , 9, 198	4	12
122	Embedding wasted hairs in Ti/PbO ₂ anode for efficient and sustainable electrochemical oxidation of organic wastewater. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	2
121	Current-Density Regulating Lithium Metal Directional Deposition for Long Cycle-Life Li Metal Batteries. <i>Angewandte Chemie</i> , 2021 , 133, 19455-19462	3.6	
120	Insight into the ion exchange in the adsorptive removal of fluoride by doped polypyrrole from water. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 67267-67279	5.1	4
119	Fabrication and characterization of titanium-based lead dioxide electrode by electrochemical deposition with TiO particles. <i>Water Environment Research</i> , 2021 , 93, 42-50	2.8	6
118	Smart formaldehyde detection enabled by metal organic framework-derived doped electrospun hollow nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2021 , 326, 128819	8.5	30
117	Insight into the effect of surface carboxyl and amino groups on the adsorption of titanium dioxide for acid red G. <i>Frontiers of Chemical Science and Engineering</i> , 2021 , 15, 1147-1157	4.5	
116	Poly (triphenylamine)-decorated UiO-66-NH ₂ mesoporous architectures with enhanced photocatalytic activity for CO ₂ reduction and H ₂ evolution. <i>Journal of CO₂ Utilization</i> , 2021 , 51, 101654	7.6	4
115	Comparison of the effect of PANI/TiO ₂ , Dow resins and activated carbon in removing model dissolved organic matter (DOM) and phosphorus. <i>Journal of Water Process Engineering</i> , 2021 , 43, 102302	6.7	1
114	Secondary particle size determining sedimentation and adsorption kinetics of titanate-based materials for ammonia nitrogen and methylene blue removal. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117026	6	3
113	Self-Reducible Conjugated Microporous Polyaniline for Long-Term Selective Cr(VI) Detoxication Driven by Tunable Pore Dimension. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 28681-28691	9.5	14
112	Tin diselenide a stable co-catalyst coupled with branched TiO ₂ fiber and g-C ₃ N ₄ quantum dots for photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2020 , 270, 118900	21.8	51
111	New architecture of a variable anode for full-time efficient electrochemical oxidation of organic wastewater with variable Cl ⁻ concentration. <i>Applied Surface Science</i> , 2020 , 515, 146003	6.7	4
110	Suppressing the Shuttle Effect and Dendrite Growth in Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2020 , 14, 9819-9831	16.7	97
109	Linear attenuation current input mode: A novel power supply mode for electrochemical oxidation process. <i>Journal of Water Process Engineering</i> , 2020 , 36, 101305	6.7	8
108	A modular functionalized anode for efficient electrochemical oxidation of wastewater: Inseparable synergy between OER anode and its magnetic auxiliary electrodes. <i>Journal of Hazardous Materials</i> , 2020 , 390, 122174	12.8	14

107	In situ decoration of g-C ₃ N ₄ quantum dots on 1D branched TiO ₂ loaded with plasmonic Au nanoparticles and improved the photocatalytic hydrogen evolution activity. <i>Applied Surface Science</i> , 2020 , 519, 146208	6.7	28
106	Design of magnetically assembled electrode (MAE) with Ti/PbO ₂ and heterogeneous auxiliary electrodes (AEs): The functionality of AEs for efficient electrochemical oxidation. <i>Chemical Engineering Journal</i> , 2020 , 395, 125145	14.7	11
105	Hybridization of g-C ₃ N ₄ quantum dots with 1D branched TiO ₂ fiber for efficient visible light-driven photocatalytic hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 13994-14005	6.7	9
104	MgFe ₂ O ₄ -biochar based lanthanum alginate beads for advanced phosphate removal. <i>Chemical Engineering Journal</i> , 2020 , 387, 123305	14.7	42
103	Conjugative transfer of Megaplasmid pND6-1 and pND6-2 enhancing naphthalene degradation in aqueous environment: characterization and bioaugmentation prospects. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 861-871	5.7	3
102	Controllable Design of MoS ₂ Nanosheets Grown on Nitrogen-Doped Branched TiO ₂ /C Nanofibers: Toward Enhanced Sodium Storage Performance Induced by Pseudocapacitance Behavior. <i>Small</i> , 2020 , 16, e1904589	11	13
101	High-Yield Synthesis of Pyridyl Conjugated Microporous Polymer Networks with Large Surface Areas: From Molecular Iodine Capture to Metal-Free Heterogeneous Catalysis. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000489	4.8	4
100	Fabrication of heterostructured UiO-66-NH ₂ /CNTs with enhanced activity and selectivity over photocatalytic CO ₂ reduction. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 30634-30646	6.7	15
99	Treatment of cooling tower blowdown water by using adsorption-electrocatalytic oxidation: Technical performance, toxicity assessment and economic evaluation. <i>Separation and Purification Technology</i> , 2020 , 252, 117484	8.3	4
98	Conjugated Microporous Polymer Network Grafted Carbon Nanotube Fibers with Tunable Redox Activity for Efficient Flexible Wearable Energy Storage. <i>Chemistry of Materials</i> , 2020 , 32, 8276-8285	9.6	27
97	Mathematical Modeling Approaches for Assessing the Joint Toxicity of Chemical Mixtures Based on Luminescent Bacteria: A Systematic Review. <i>Frontiers in Microbiology</i> , 2020 , 11, 1651	5.7	4
96	Exploiting Hansen solubility parameters to tune porosity and function in conjugated microporous polymers. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 22657-22665	13	13
95	One-dimensional nanomaterials toward electrochemical sodium-ion storage applications via electrospinning. <i>Energy Storage Materials</i> , 2020 , 25, 443-476	19.4	52
94	Fouling control in ultrafiltration of secondary effluent using polyaniline/TiO ₂ adsorption and subsequent treatment of desorption eluate using electrochemical oxidation. <i>Chemical Engineering Journal</i> , 2020 , 382, 122915	14.7	14
93	Polyaniline nanoparticles magnetically coated Ti/Sb-SnO ₂ electrode as a flexible and efficient electrocatalyst for boosted electrooxidation of biorefractory wastewater. <i>Chemosphere</i> , 2020 , 241, 125103	8.4	18
92	Flexible and High-Loading Lithium Sulfur Batteries Enabled by Integrated Three-In-One Fibrous Membranes. <i>Advanced Energy Materials</i> , 2019 , 9, 1902001	21.8	71
91	Easy separated 3D hierarchical coral-like magnetic polyaniline adsorbent with enhanced performance in adsorption and reduction of Cr(VI) and immobilization of Cr(III). <i>Chemical Engineering Journal</i> , 2019 , 363, 107-119	14.7	56
90	Enhanced adsorption performance of PPy/TiO ₂ prepared on surface of TiO ₂ without calcination. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	1

89	Tunable Surface Area, Porosity, and Function in Conjugated Microporous Polymers. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11715-11719	16.4	58
88	Recent development in graphitic carbon nitride based photocatalysis for hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2019 , 257, 117855	21.8	144
87	In Situ Fabrication of Branched TiO ₂ /C Nanofibers as Binder-Free and Free-Standing Anodes for High-Performance Sodium-Ion Batteries. <i>Small</i> , 2019 , 15, e1901584	11	28
86	Nanowire Array-Coated Flexible Substrate to Accommodate Lithium Plating for Stable Lithium-Metal Anodes and Flexible Lithium-Organic Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 20873-20880	9.5	16
85	Rapid removal of ammonia nitrogen in low-concentration from wastewater by amorphous sodium titanate nano-particles. <i>Science of the Total Environment</i> , 2019 , 668, 815-824	10.2	25
84	Carbon-Based Alloy-Type Composite Anode Materials toward Sodium-Ion Batteries. <i>Small</i> , 2019 , 15, e1900628	10.6	30
83	Microbial diversity and metaproteomic analysis of activated sludge responses to naphthalene and anthracene exposure. <i>RSC Advances</i> , 2019 , 9, 22841-22852	3.7	13
82	Sodium-Ion Batteries: In Situ Fabrication of Branched TiO ₂ /C Nanofibers as Binder-Free and Free-Standing Anodes for High-Performance Sodium-Ion Batteries (Small 30/2019). <i>Small</i> , 2019 , 15, 1970158	11.8	0
81	Tunable Surface Area, Porosity, and Function in Conjugated Microporous Polymers. <i>Angewandte Chemie</i> , 2019 , 131, 11841-11845	3.6	10
80	Lithium Sulfur Batteries: Flexible and High-Loading Lithium Sulfur Batteries Enabled by Integrated Three-In-One Fibrous Membranes (Adv. Energy Mater. 38/2019). <i>Advanced Energy Materials</i> , 2019 , 9, 1970147	21.8	2
79	Fabrication of hierarchically one-dimensional Zn _x Cd _{1-x} S/NiTiO ₃ nanostructures and their enhanced photocatalytic water splitting activity. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 30974-30985	6.7	10
78	A 2.5D Electrode System Constructed of Magnetic Sb ₂ SnO ₂ Particles and a PbO ₂ Electrode and Its Electrocatalysis Application on Acid Red G Degradation. <i>Catalysts</i> , 2019 , 9, 875	4	17
77	Characterization of co-metabolic biodegradation of methyl -butyl ether by a sp. strain.. <i>RSC Advances</i> , 2019 , 9, 38962-38972	3.7	4
76	Facile synthesis of coral-like hierarchical polyaniline micro/nanostructures with enhanced supercapacitance and adsorption performance. <i>Polymer</i> , 2019 , 162, 130-138	3.9	23
75	Utilizing discarded SiC heating rod to fabricate SiC/Sb-SnO ₂ anode for electrochemical oxidation of wastewater. <i>Chemical Engineering Journal</i> , 2019 , 361, 862-873	14.7	41
74	Synthesis of Ce-doped magnetic biochar for effective Sb(V) removal: Performance and mechanism. <i>Powder Technology</i> , 2019 , 345, 501-508	5.2	31
73	Hydrophilic polythiophene/SiO ₂ composite for adsorption engineering: Green synthesis in aqueous medium and its synergistic and specific adsorption for heavy metals from wastewater. <i>Chemical Engineering Journal</i> , 2019 , 360, 1486-1497	14.7	35
72	Development of rare earth element doped magnetic biochars with enhanced phosphate adsorption performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 561, 236-243	5.1	58

71	An addressable packing parameter approach for reversibly tuning the assembly of oligo(aniline)-based supra-amphiphiles. <i>Chemical Science</i> , 2018 , 9, 4392-4401	9.4	15
70	Flexible VOx Nanosphere@SWCNT Hybrid Films with Dual-Confinement Function of Polysulfides for High-Performance Lithium Sulfur Batteries. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800766	4.6	10
69	Insight into the Synergistic Effect on Selective Adsorption for Heavy Metal Ions by a Polypyrrole/TiO Composite. <i>Langmuir</i> , 2018 , 34, 10187-10196	4	32
68	Highly crystalline polyaniline nanofibers coating with low-cost biomass for easy separation and high efficient removal of anionic dye ARG from aqueous solution. <i>Applied Surface Science</i> , 2018 , 458, 413-424	6.7	33
67	Enhanced antimonate (Sb(V)) removal from aqueous solution by La-doped magnetic biochars. <i>Chemical Engineering Journal</i> , 2018 , 354, 623-632	14.7	63
66	Adsorption of polythiophene/TiO ₂ composite for Zn (II), Pb (II) and Cu (II): Selectivity and synergistic effect investigation. <i>Applied Surface Science</i> , 2018 , 459, 318-326	6.7	23
65	One-dimensional Mg _x Ti _y O _{x+2y} nanostructures: General synthesis and enhanced photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2018 , 225, 332-339	21.8	7
64	Advances in the Assembly Model of Bacterial Type IVB Secretion Systems. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2368	2.6	2
63	Magnetic Assembled Anode Combining PbO and Sb-SnO Organically as An Effective and Sustainable Electrocatalyst for Wastewater Treatment with Adjustable Attribution and Construction. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 44385-44395	9.5	26
62	Fabrication of one-dimensional CdFe ₂ O ₄ yolk/shell flat nanotubes as a high-performance anode for lithium-ion batteries. <i>Journal of Materials Science</i> , 2017 , 52, 4096-4108	4.3	12
61	Adsorption mechanism of phosphate by polyaniline/TiO ₂ composite from wastewater. <i>Chemical Engineering Journal</i> , 2017 , 316, 33-40	14.7	79
60	Adsorbent synthesis of polypyrrole/TiO ₂ for effective fluoride removal from aqueous solution for drinking water purification: Adsorbent characterization and adsorption mechanism. <i>Journal of Colloid and Interface Science</i> , 2017 , 495, 44-52	9.3	61
59	Enhancing Performance of Large-Area Organic Solar Cells with Thick Film via Ternary Strategy. <i>Small</i> , 2017 , 13, 1700388	11	93
58	A general strategy to synthesis Mg-Ti-O nanofibers by sol-gel assisted electrospinning. <i>Journal of Sol-Gel Science and Technology</i> , 2017 , 81, 717-723	2.3	
57	Facile Modification of a Polythiophene/TiO ₂ Composite Using Surfactants in an Aqueous Medium for an Enhanced Pb(II) Adsorption and Mechanism Investigation. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 2208-2221	2.8	23
56	Large-area, flexible polymer solar cell based on silver nanowires as transparent electrode by roll-to-roll printing. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017 , 35, 261-268	3.5	24
55	In Situ Fabrication of Hierarchically Branched TiO Nanostructures: Enhanced Performance in Photocatalytic H Evolution and Li-Ion Batteries. <i>Small</i> , 2017 , 13, 1702357	11	19
54	Polypyrrole-Grafted Coconut Shell Biological Carbon as a Potential Adsorbent for Methyl Tert-Butyl Ether Removal: Characterization and Adsorption Capability. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	8

53	Poly(3,4-ethylenedioxythiophene)-coated sulfur for flexible and binder-free cathodes of lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17647-17652	13	21
52	The effect of tuning chemical structure on the open-circuit voltage and photovoltaic performance of narrow band-gap polymers. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 699-706	2.5	2
51	Preparation of Fe ₃ O ₄ /TiO ₂ /Polypyrrole Ternary Magnetic Composite and Using as Adsorbent for the Removal of Acid Red G. <i>Journal of Polymers and the Environment</i> , 2017 , 25, 781-791	4.5	15
50	Fabrication of a stable Ti/TiO _x H _y /SbSnO ₂ anode for aniline degradation in different electrolytes. <i>Chemical Engineering Journal</i> , 2016 , 285, 1-10	14.7	64
49	Preparation and characterization of PbO ₂ electrodes modified with polyvinyl alcohol (PVA). <i>RSC Advances</i> , 2016 , 6, 82024-82032	3.7	19
48	Fabrication and characterization of PbO ₂ electrode modified with polyvinylidene fluoride (PVDF). <i>Applied Surface Science</i> , 2016 , 389, 278-286	6.7	59
47	Electrocatalytic degradation of aniline by Ti/SbSnO ₂ , Ti/SbSnO ₂ /Pb ₃ O ₄ and Ti/SbSnO ₂ /PbO ₂ anodes in different electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 775, 43-51	4.1	28
46	Fabrication of a well-aligned TiO ₂ nanofibrous membrane by modified parallel electrode configuration with enhanced photocatalytic performance. <i>RSC Advances</i> , 2016 , 6, 31476-31483	3.7	7
45	Electrochemical oxidation of guaiacol to increase its biodegradability or just remove COD in terms of anodes and electrolytes. <i>RSC Advances</i> , 2016 , 6, 4858-4866	3.7	15
44	Biodegradation of Methyl tert-Butyl Ether by Co-Metabolism with a Pseudomonas sp. Strain. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	6
43	Synthesis of one-dimensional NiFe ₂ O ₄ nanostructures: tunable morphology and high-performance anode materials for Li ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8620-8629	13	65
42	Enhanced adsorption capacity of polypyrrole/TiO ₂ composite modified by carboxylic acid with hydroxyl group. <i>RSC Advances</i> , 2016 , 6, 42572-42580	3.7	12
41	Influence of metal oxides on the adsorption characteristics of PPy/metal oxides for Methylene Blue. <i>Journal of Colloid and Interface Science</i> , 2016 , 475, 26-35	9.3	83
40	Construction of sandwich-type hybrid structures by anchoring mesoporous ZnMn ₂ O ₄ nanofoams on reduced graphene oxide with highly enhanced capability. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 10419-10424	13	41
39	Synthesis of polyaniline/TiO ₂ composite with excellent adsorption performance on acid red G. <i>RSC Advances</i> , 2015 , 5, 21132-21141	3.7	51
38	Fe ₃ O ₄ /SbSnO ₂ Granules Loaded on Ti/SbSnO ₂ Electrode Shell by Magnetic Force: Good Recyclability and High Electro-oxidation Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 1777-1785	8.3	19
37	Understanding effects of two different acceptors in one small molecule for solution processable organic solar cells. <i>RSC Advances</i> , 2015 , 5, 61703-61709	3.7	
36	Cometabolism of methyl tert-butyl ether by a new microbial consortium ERS. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 10196-205	5.1	12

35	Fabrication of novel perovskite-type Sr ₂ Ta(Fe _{1-x} Gax)O ₆ nanoparticles with high visible-light photocatalytic activity. <i>RSC Advances</i> , 2015 , 5, 28679-28686	3-7	4
34	Self-assembly of tetra(aniline) nanowires in acidic aqueous media with ultrasonic irradiation. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11945-11952	7-1	24
33	Facile synthesis of a polythiophene/TiO ₂ particle composite in aqueous medium and its adsorption performance for Pb(II). <i>RSC Advances</i> , 2015 , 5, 86945-86953	3-7	34
32	Free-standing ultrathin CoMn ₂ O ₄ nanosheets anchored on reduced graphene oxide for high-performance supercapacitors. <i>Dalton Transactions</i> , 2015 , 44, 18737-42	4-3	41
31	Application of chemically synthesized polypyrrole with hydro-sponge characteristic as electrode in water desalination. <i>RSC Advances</i> , 2015 , 5, 71593-71600	3-7	8
30	Oligomeric Donor Material for High-Efficiency Organic Solar Cells: Breaking Down a Polymer. <i>Advanced Materials</i> , 2015 , 27, 4229-33	24	71
29	Electrochemical potential-responsive tetra(aniline) nanocapsules via self-assembly. <i>RSC Advances</i> , 2015 , 5, 27862-27866	3-7	6
28	Fabrication and characterization of $\text{PbO}_2/\text{PbO}_2/\text{SbSnO}_2/\text{TiO}_2$ nanotube array electrode and its application in electrochemical degradation of Acid Red G. <i>RSC Advances</i> , 2015 , 5, 19284-19293	3-7	38
27	An improved stable Ti/SbSnO ₂ electrode with high performance in electrochemical oxidation processes. <i>RSC Advances</i> , 2014 , 4, 21230	3-7	59
26	Fabrication and photocatalytic activities of SrTiO ₃ nanofibers by sol-gel assisted electrospinning. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 71, 159-167	2-3	23
25	Fabrication of one-dimensional heterostructured TiO ₂ @SnO ₂ with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 116-122	13	84
24	Fabrication and characterization of NiTiO ₃ nanofibers by sol-gel assisted electrospinning. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 69, 473-479	2-3	38
23	Effect of ethanol on the crystallinity and acid sites of MFI zeolite nanosheets. <i>RSC Advances</i> , 2014 , 4, 56938-56944	3-7	21
22	Preparation of porous (Ni,Co) ₃ (BO ₃) ₂ /Ni(OH) ₂ nanosheet networks as pseudocapacitor materials with superior performance. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5903-5909	13	15
21	Green and facile fabrication of silver nanoparticles loaded activated carbon fibers with long-lasting antibacterial activity. <i>RSC Advances</i> , 2014 , 4, 523-530	3-7	28
20	Fabrication and formation mechanism of Mn ₂ O ₃ hollow nanofibers by single-spinneret electrospinning. <i>CrystEngComm</i> , 2014 , 16, 6907-6913	3-3	52
19	Density of Deep Trap States in Oriented TiO ₂ Nanotube Arrays. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 18207-18213	3-8	66
18	A Highly Stable Ti/TiH _x /SbSnO ₂ Anode: Preparation, Characterization and Application. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 3898-3907	3-9	63

17	Enhanced capacitance of rectangular-sectioned polypyrrole microtubes as the electrode material for supercapacitors. <i>RSC Advances</i> , 2014 , 4, 40686-40692	3.7	10
16	Preparation and characterization of PbO ₂ electrodes from electro-deposition solutions with different copper concentration. <i>RSC Advances</i> , 2014 , 4, 25011	3.7	71
15	Small molecules incorporating regioregular oligothiophenes and fluorinated benzothiadiazole groups for solution-processed organic solar cells. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5842-5849	7.1	18
14	High-performance Ti/Sb-SnO ₂ /Pb(3)O ₄ electrodes for chlorine evolution: preparation and characteristics. <i>Journal of Hazardous Materials</i> , 2014 , 267, 238-44	12.8	40
13	Electrochemical oxidation of lignin by two typical electrodes: Ti/SbSnO ₂ and Ti/PbO ₂ . <i>Chemical Engineering Journal</i> , 2014 , 244, 288-295	14.7	88
12	Role of the anions in the hydrothermally formed silver nanowires and their antibacterial property. <i>Journal of Colloid and Interface Science</i> , 2014 , 416, 86-94	9.3	32
11	Electrochemical oxidation of humic acid at the antimony- and nickel-doped tin oxide electrode. <i>Frontiers of Environmental Science and Engineering</i> , 2014 , 8, 337-344	5.8	10
10	Synthesis of PPy-modified TiO ₂ composite in H ₂ SO ₄ solution and its novel adsorption characteristics for organic dyes. <i>Chemical Engineering Journal</i> , 2013 , 225, 766-775	14.7	63
9	Fabrication of Cd _{1-x} Zn _x S/TiO ₂ heterostructures with enhanced photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2013 , 580, 29-36	5.7	55
8	One-dimensional CdS/ZnO core/shell nanofibers via single-spinneret electrospinning: tunable morphology and efficient photocatalytic hydrogen production. <i>Nanoscale</i> , 2013 , 5, 12432-9	7.7	153
7	Excellent adsorption and desorption characteristics of polypyrrole/TiO ₂ composite for Methylene Blue. <i>Applied Surface Science</i> , 2013 , 279, 400-408	6.7	97
6	A multichannel system for rapid determination of the activity for photocatalytic H ₂ production. <i>AIChE Journal</i> , 2012 , 58, 3593-3596	3.6	7
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