Ye-Xiang Tong

List of Publications by Year
in descending order

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125 papers	18,238 citations	12303 69 h-index	12910 131 g-index
133 all docs	133 docs citations	133 times ranked	18689 citing authors

#	Article	IF	Citations
1	Molecular cooking: Amino acids trap silicon in carbon matrix to boost lithium-ion storage. Energy Storage Materials, 2022, 46, 344-351.	9.5	25
2	Harvesting of Infrared Part of Sunlight to Enhance Polaron Transport and Solar Water Splitting. Advanced Functional Materials, 2022, 32, .	7.8	24
3	Charge Relays via Dual Carbonâ€Actions on Nanostructured BiVO₄ for High Performance Photoelectrochemical Water Splitting. Advanced Functional Materials, 2022, 32, .	7.8	219
4	Oxygen vacancyâ€"based metal oxides photoanodes in photoelectrochemical water splitting. Materials Today Sustainability, 2022, 18, 100118.	1.9	100
5	Construction of cobalt vacancies in cobalt telluride to induce fast ionic/electronic diffusion kinetics for lithium-ion half/full batteries. Journal of Materials Science and Technology, 2022, 127, 124-132.	5.6	11
6	Electrolyte additive strategy enhancing the electrochemical performance of a soft-packed LiCoO₂//graphite full cell. Dalton Transactions, 2022, 51, 8723-8732.	1.6	2
7	Lanthanide-Based Dual Modulation in Hematite Nanospindles for Enhancing the Photocatalytic Performance. ACS Applied Nano Materials, 2022, 5, 8557-8565.	2.4	18
8	Multifunctional carbon-confined FeS nanoparticles for a self-supporting and high-capacity cathode in lithium ion battery. Journal of Electroanalytical Chemistry, 2021, 880, 114849.	1.9	7
9	Intercalation-type MoP and WP nanodots with abundant phase interface embedded in carbon microflower for enhanced Li storage and reaction kinetics. Electrochimica Acta, 2021, 365, 137354.	2.6	22
10	Self-sorting multimetalâ€"organic gel electrocatalysts for a highly efficient oxygen evolution reaction. Journal of Materials Chemistry A, 2021, 9, 17451-17458.	5.2	21
11	One-Step Synthesis of ZnNCN Nanoparticles with Adjustable Composition for an Advanced Anode in Lithium Ion Battery. ACS Applied Energy Materials, 2021, 4, 4290-4296.	2.5	7
12	Enhanced BiVO₄ Photoanode Photoelectrochemical Performance via Borate Treatment and a NiFeOx Cocatalyst. ACS Sustainable Chemistry and Engineering, 2021, 9, 8306-8314.	3.2	144
13	Surface engineering enables highly reversible lithium-ion storage and durable structure for advanced silicon anode. Cell Reports Physical Science, 2021, 2, 100486.	2.8	2
14	Phytic Acidâ€Based FeCo Bimetallic Metalâ€Organic Gels for Electrocatalytic Oxygen Evolution Reaction. Chemistry - an Asian Journal, 2021, 16, 3213-3220.	1.7	13
15	Engineering Heterostructure-Incorporated Metal Silicates Anchored on Carbon Nanotubes for Highly Durable Lithium Storage. ACS Applied Energy Materials, 2021, 4, 1548-1559.	2.5	39
16	Hollow Co2P/Co-carbon-based hybrids for lithium storage with improved pseudocapacitance and water oxidation anodes. Journal of Materials Science and Technology, 2020, 55, 203-211.	5.6	23
17	Scalable three-dimensional Ni3P-based composite networks for flexible asymmertric supercapacitors. Chemical Engineering Journal, 2020, 380, 122621.	6.6	21
18	In Situ Monitoring Small Energy Storage Change of Electrochromic Supercapacitors via Perovskite Photodetectors. Small Methods, 2020, 4, 1900731.	4.6	11

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19	Iron oxide@graphitic carbon core-shell nanoparticles embedded in ordered mesoporous N-doped carbon matrix as an efficient cathode catalyst for PEMFC. Applied Catalysis B: Environmental, 2020, 264, 118468.	10.8	59
20	Engineering the Band-Edge of Fe₂O₃/ZnO Nanoplates via Separate Dual Cation Incorporation for Efficient Photocatalytic Performance. Industrial & Engineering Chemistry Research, 2020, 59, 18865-18872.	1.8	66
21	Defect Engineering Enhances the Charge Separation of CeO2 Nanorods toward Photocatalytic Methyl Blue Oxidation. Nanomaterials, 2020, 10, 2307.	1.9	12
22	Enhanced metallicity boosts hydrogen evolution capability of dual-bimetallic Niâ€“Fe nitride nanoparticles. Materials Today Physics, 2020, 15, 100267.	2.9	67
23	Large-Scale Electric-Field Confined Silicon with Optimized Charge-Transfer Kinetics and Structural Stability for High-Rate Lithium-Ion Batteries. ACS Nano, 2020, 14, 7066-7076.	7.3	114
24	Heterojunction architecture of pTTh nanoflowers with CuOx nanoparticles hybridized for efficient photoelectrocatalytic degradation of organic pollutants. Applied Catalysis B: Environmental, 2020, 277, 119249.	10.8	24
25	Electrochemical Activation of Heterometallic Nanofibers for Hydrogen Evolution. ACS Applied Nano Materials, 2020, 3, 2393-2401.	2.4	12
26	Harnessing hierarchical architectures to trap light for efficient photoelectrochemical cells. Energy and Environmental Science, 2020, 13, 660-684.	15.6	43
27	Dual Doping Induced Interfacial Engineering of Fe₂N/Fe₃N Hybrids with Favorable dâ€Band towards Efficient Overall Water Splitting. ChemCatChem, 2019, 11, 6051-6060.	1.8	92
28	Zipping Up NiFe(OH)_x-Encapsulated Hematite To Achieve an Ultralow Turn-On Potential for Water Oxidation. ACS Energy Letters, 2019, 4, 1983-1990.	8.8	82
29	Freeing the Polarons to Facilitate Charge Transport in BiVO₄ from Oxygen Vacancies with an Oxidative 2D Precursor. Angewandte Chemie - International Edition, 2019, 58, 19087-19095.	7.2	64
30	Heterojunction Architecture of Nâ€Đoped WO₃ Nanobundles with Ce₂S₃ Nanodots Hybridized on a Carbon Textile Enables a Highly Efficient Flexible Photocatalyst. Advanced Functional Materials, 2019, 29, 1903490.	7.8	223
31	Freeing the Polarons to Facilitate Charge Transport in BiVO₄ from Oxygen Vacancies with an Oxidative 2D Precursor. Angewandte Chemie, 2019, 131, 19263-19271.	1.6	21
32	Porous molybdenum tungsten oxynitrides enable long-life supercapacitors with high capacitance. Journal of Power Sources, 2019, 442, 227247.	4.0	13
33	A Flexible Microsupercapacitor with Integral Photocatalytic Fuel Cell for Self-Charging. ACS Nano, 2019, 13, 8246-8255.	7.3	86
34	Intermediates Adsorption Engineering of CO₂ Electroreduction Reaction in Highly Selective Heterostructure Cuâ€Based Electrocatalysts for CO Production. Advanced Energy Materials, 2019, 9, 1901396.	10.2	92
35	Anionâ€“Cation Double Doped Co₃O₄ Microtube Architecture to Promote High-Valence Co Species Formation for Enhanced Oxygen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 11901-11910.	3.2	50
36	Toward Efficient Charge Collection and Light Absorption: A Perspective of Light Trapping for Advanced Photoelectrodes. Journal of Physical Chemistry C, 2019, 123, 18753-18770.	1.5	12

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37	Photo-enhanced Znâ€“air batteries with simultaneous highly efficientin situH₂O₂generation for wastewater treatment. Journal of Materials Chemistry A, 2019, 7, 14129-14135.	5.2	36
38	Engineering of Oxygen Vacancy and Electricâ€Field Effect by Encapsulating Lithium Titanate in Reduced Graphene Oxide for Superior Lithium Ion Storage. Small Methods, 2019, 3, 1900185.	4.6	64
39	Co₃O₄@Cuâ€Based Conductive Metalâ€“Organic Framework Coreâ€“Shell Nanowire Electrocatalysts Enable Efficient Lowâ€Overallâ€Potential Water Splitting. Chemistry - A European Journal, 2019, 25, 6575-6583.	1.7	64
40	Nitrogen treatment generates tunable nanohybridization of Ni5P4 nanosheets with nickel hydr(oxy)oxides for efficient hydrogen production in alkaline, seawater and acidic media. Applied Catalysis B: Environmental, 2019, 251, 181-194.	10.8	260
41	3D Hierarchical Nanorod@Nanobowl Array Photoanode with a Tunable Lightâ€Trapping Cutoff and Bottomâ€Selective Field Enhancement for Efficient Solar Water Splitting. Small, 2019, 15, e1804976.	5.2	14
42	Hybrid implanted hybrid hollow nanocube electrocatalyst facilitates efficient hydrogen evolution activity. Journal of Materials Chemistry A, 2019, 7, 11150-11159.	5.2	48
43	Co-based MOF-derived Co/CoN/Co2P ternary composite embedded in N- and P-doped carbon as bifunctional nanocatalysts for efficient overall water splitting. International Journal of Hydrogen Energy, 2019, 44, 11402-11410.	3.8	167
44	Glucose-Induced Formation of Oxygen Vacancy and Bi-Metal Comodified Bi₅O₇Br Nanotubes for Efficient Performance Photocatalysis. ACS Sustainable Chemistry and Engineering, 2019, 7, 5784-5791.	3.2	72
45	Efficient Hydrogen Evolution Activity and Overall Water Splitting of Metallic Co₄N Nanowires through Tunable d-Orbitals with Ultrafast Incorporation of FeOOH. ACS Applied Materials & Interfaces, 2019, 11, 5152-5158.	4.0	120
46	Interface charges redistribution enhanced monolithic etched copper foam-based Cu2O layer/TiO2 nanodots heterojunction with high hydrogen evolution electrocatalytic activity. Applied Catalysis B: Environmental, 2019, 243, 365-372.	10.8	56
47	Stretchable Ni@NiCoP textile for wearable energy storage clothes. Nano Energy, 2019, 55, 506-515.	8.2	79
48	Pt-like Hydrogen Evolution Electrocatalysis on PANI/CoP Hybrid Nanowires by Weakening the Shackles of Hydrogen Ions on the Surfaces of Catalysts. Journal of the American Chemical Society, 2018, 140, 5118-5126.	6.6	425
49	Enhanced Efficiency of Electronâ€“Hole Separation in Bi₂O₂CO₃ for Photocatalysis via Acid Treatment. ChemCatChem, 2018, 10, 1982-1987.	1.8	104
50	Activating CoOOH Porous Nanosheet Arrays by Partial Iron Substitution for Efficient Oxygen Evolution Reaction. Angewandte Chemie - International Edition, 2018, 57, 2672-2676.	7.2	474
51	Efficient Charges Separation Using Advanced BiOI-Based Hollow Spheres Decorated with Palladium and Manganese Dioxide Nanoparticles. ACS Sustainable Chemistry and Engineering, 2018, 6, 2751-2757.	3.2	157
52	Achieving high gravimetric energy density for flexible lithium-ion batteries facilitated by coreâ€“double-shell electrodes. Energy and Environmental Science, 2018, 11, 1859-1869.	15.6	216
53	Efficient Hydrogen Evolution on Cu Nanodots-Decorated Ni₃S₂ Nanotubes by Optimizing Atomic Hydrogen Adsorption and Desorption. Journal of the American Chemical Society, 2018, 140, 610-617.	6.6	563
54	Phase Boundary Derived Pseudocapacitance Enhanced Nickelâ€Based Composites for Electrochemical Energy Storage Devices. Advanced Energy Materials, 2018, 8, 1701681.	10.2	124

#	Article	IF	Citations
55	Covalently Modified Electrode with Pt Nanoparticles Encapsulated in Porous Organic Polymer for Efficient Electrocatalysis. ACS Applied Nano Materials, 2018, 1, 6477-6482.	2.4	13
56	Boosting the Photoelectrochemical Water Oxidation at Hematite Photoanode by Innovating a Hierarchical Ball-on-Wire-Array Structure. ACS Applied Energy Materials, 2018, 1, 5836-5841.	2.5	9
57	Oxygen Defect Modulated Titanium Niobium Oxide on Graphene Arrays: An Openâ€Door for Highâ€Performance 1.4 V Symmetric Supercapacitor in Acidic Aqueous Electrolyte. Advanced Functional Materials, 2018, 28, 1805618.	7.8	110
58	Layer-stacking porous WCx nanoparticles on carbon cloth as self-supported integrated electrode for hydrogen evolution reaction. Materials Today Energy, 2018, 10, 343-351.	2.5	14
59	Epitaxial Growth Modulation of Hollow Topologies for High-Performance Electrocatalysts. CheM, 2018, 4, 2015-2017.	5.8	7
60	Synergistic Performance between Visible-Light Photocatalysis and Thermocatalysis for VOCs Oxidation over Robust Ag/F-Codoped SrTiO₃. Industrial & Engineering Chemistry Research, 2018, 57, 12766-12773.	1.8	55
61	Cerium-based hybrid nanorods for synergetic photo-thermocatalytic degradation of organic pollutants. Journal of Materials Chemistry A, 2018, 6, 24740-24747.	5.2	164
62	Ultrathin Bi₂MoO₆ Nanosheets for Photocatalysis: Performance Enhancement by Atomic Interfacial Engineering. ChemistrySelect, 2018, 3, 7423-7428.	0.7	81
63	Using pulverization phenomenon to extend electrodes cyclic life of ternary metal oxides. Materials Today Energy, 2018, 9, 311-318.	2.5	15
64	Promoting Alternative Flexible Substrate for Electrode Materials to Achieve Enhanced Lithium Storage Properties. ChemistrySelect, 2018, 3, 6965-6971.	0.7	7
65	Low-valence bicomponent (FeO)_x(MnO)_{1â^'x} nanocrystals embedded in amorphous carbon as high-performance anode materials for lithium storage. Journal of Materials Chemistry A, 2018, 6, 15274-15283.	5.2	24
66	Rational design of atomically dispersed nickel active sites in Î²-Mo₂C for the hydrogen evolution reaction at all pH values. Chemical Communications, 2018, 54, 9901-9904.	2.2	110
67	Enhanced lithium storage performance of porous exfoliated carbon fibers via anchored nickel nanoparticles. RSC Advances, 2018, 8, 17056-17059.	1.7	19
68	Efficient Hydrogen Evolution Electrocatalysis Using Cobalt Nanotubes Decorated with Titanium Dioxide Nanodots. Angewandte Chemie - International Edition, 2017, 56, 2960-2964.	7.2	303
69	Efficient Hydrogen Evolution Electrocatalysis Using Cobalt Nanotubes Decorated with Titanium Dioxide Nanodots. Angewandte Chemie, 2017, 129, 3006-3010.	1.6	37
70	Updates on the development of nanostructured transition metal nitrides for electrochemical energy storage and water splitting. Materials Today, 2017, 20, 425-451.	8.3	339
71	Silicaâ€“Polypyrrole Hybrids as Highâ€Performance Metalâ€Free Electrocatalysts for the Hydrogen Evolution Reaction in Neutral Media. Angewandte Chemie, 2017, 129, 8232-8236.	1.6	35
72	Silicaâ€“Polypyrrole Hybrids as Highâ€Performance Metalâ€Free Electrocatalysts for the Hydrogen Evolution Reaction in Neutral Media. Angewandte Chemie - International Edition, 2017, 56, 8120-8124.	7.2	214

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73	Morphology and Doping Engineering of Sn-Doped Hematite Nanowire Photoanodes. Nano Letters, 2017, 17, 2490-2495.	4.5	204
74	Boosting the Energy Density of Carbonâ€Based Aqueous Supercapacitors by Optimizing the Surface Charge. Angewandte Chemie - International Edition, 2017, 56, 5454-5459.	7.2	292
75	Cu₂Oâ€“Cu Hybrid Foams as High-Performance Electrocatalysts for Oxygen Evolution Reaction in Alkaline Media. ACS Catalysis, 2017, 7, 986-991.	5.5	188
76	Encapsulated Vanadiumâ€Based Hybrids in Amorphous Nâ€Doped Carbon Matrix as Anode Materials for Lithiumâ€Ion Batteries. Small, 2017, 13, 1702081.	5.2	70
77	Costâ€Effective Alkaline Water Electrolysis Based on Nitrogenâ€and Phosphorusâ€Doped Selfâ€Supportive Electrocatalysts. Advanced Materials, 2017, 29, 1702095.	11.1	175
78	Oxygenâ€Deficient Threeâ€Dimensional Porous Co₃O₄ Nanowires as an Electrode Material for Water Oxidation and Energy Storage. ChemElectroChem, 2017, 4, 2453-2459.	1.7	38
79	Thin-Layer Indium Oxide and Cobalt Oxyhydroxide Cobalt-Modified BiVO₄ Photoanode for Solar-Assisted Water Electrolysis. Journal of Physical Chemistry C, 2017, 121, 17150-17159.	1.5	39
80	Engineering Thin MoS₂ Nanosheets on TiN Nanorods: Advanced Electrochemical Capacitor Electrode and Hydrogen Evolution Electrocatalyst. ACS Energy Letters, 2017, 2, 1862-1868.	8.8	167
81	A Facile Activation Strategy for an MOF-Derived Metal-Free Oxygen Reduction Reaction Catalyst: Direct Access to Optimized Pore Structure and Nitrogen Species. ACS Catalysis, 2017, 7, 6082-6088.	5.5	188
82	Low concentration nitric acid facilitate rapid electronâ€“hole separation in vacancy-rich bismuth oxyiodide for photo-thermo-synergistic oxidation of formaldehyde. Applied Catalysis B: Environmental, 2017, 218, 700-708.	10.8	64
83	Ostwald Ripening Improves Rate Capability of High Mass Loading Manganese Oxide for Supercapacitors. ACS Energy Letters, 2017, 2, 1752-1759.	8.8	146
84	Indium doped BiOI nanosheets: Preparation, characterization and photocatalytic degradation activity. Applied Surface Science, 2017, 423, 1188-1197.	3.1	66
85	Etched current collector-guided creation of wrinkles in steel-mesh-supported V₆O₁₃ cathode for lithium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 756-764.	5.2	26
86	Acid Treatment Enables Suppression of Electronâ€“Hole Recombination in Hematite for Photoelectrochemical Water Splitting. Angewandte Chemie - International Edition, 2016, 55, 3403-3407.	7.2	132
87	A review of the development of full cell lithium-ion batteries: The impact of nanostructured anode materials. Nano Research, 2016, 9, 2823-2851.	5.8	198
88	PtCu alloy nanotube arrays supported on carbon fiber cloth as flexible anodes for direct methanol fuel cell. AICHE Journal, 2016, 62, 975-983.	1.8	22
89	Acid Treatment Enables Suppression of Electronâ€“Hole Recombination in Hematite for Photoelectrochemical Water Splitting. Angewandte Chemie, 2016, 128, 3464-3468.	1.6	27
90	Three-dimensional nickel nitride (Ni₃N) nanosheets: free standing and flexible electrodes for lithium ion batteries and supercapacitors. Journal of Materials Chemistry A, 2016, 4, 9844-9849.	5.2	203

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91	A monolithic metal-free electrocatalyst for oxygen evolution reaction and overall water splitting. Energy and Environmental Science, 2016, 9, 3411-3416.	15.6	197
92	Defect Engineering of Bismuth Oxyiodide by IO₃^{â€“} Doping for Increasing Charge Transport in Photocatalysis. ACS Applied Materials & Interfaces, 2016, 8, 27859-27867.	4.0	93
93	A Robust Versatile Hybrid Electrocatalyst for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2016, 8, 29356-29364.	4.0	36
94	Dualâ€Doped Molybdenum Trioxide Nanowires: A Bifunctional Anode for Fiberâ€Shaped Asymmetric Supercapacitors and Microbial Fuel Cells. Angewandte Chemie - International Edition, 2016, 55, 6762-6766.	7.2	230
95	All-flexible lithium ion battery based on thermally-etched porous carbon cloth anode and cathode. Nano Energy, 2016, 26, 446-455.	8.2	167
96	High power density nitridated hematite (Î±-Fe2O3) nanorods as anode for high-performance flexible lithium ion batteries. Journal of Power Sources, 2016, 308, 7-17.	4.0	182
97	Visible light Bi2S3/Bi2O3/Bi2O2CO3 photocatalyst for effective degradation of organic pollutions. Applied Catalysis B: Environmental, 2016, 185, 68-76.	10.8	290
98	Alkali-modified non-precious metal 3D-NiCo₂O₄ nanosheets for efficient formaldehyde oxidation at low temperature. Journal of Materials Chemistry A, 2016, 4, 3648-3654.	5.2	81
99	Boosting the photocatalytic performance of (001) BiOI: enhancing donor density and separation efficiency of photogenerated electrons and holes. Chemical Communications, 2016, 52, 5316-5319.	2.2	181
100	Bifunctional catalytic material: An ultrastable and high-performance surface defect CeO2 nanosheets for formaldehyde thermal oxidation and photocatalytic oxidation. Applied Catalysis B: Environmental, 2016, 181, 779-787.	10.8	268
101	Carbon Dots Sensitized BiOI with Dominant {001} Facets for Superior Photocatalytic Performance. Industrial & Engineering Chemistry Research, 2015, 54, 12788-12794.	1.8	89
102	Co(OH)₂@PANI Hybrid Nanosheets with 3D Networks as Highâ€Performance Electrocatalysts for Hydrogen Evolution Reaction. Advanced Materials, 2015, 27, 7051-7057.	11.1	294
103	Enhancing the Photocatalytic Performance of BiOCl_xI_{1â^'x} by Introducing Surface Disorders and Bi Nanoparticles as Cocatalyst. Advanced Materials Interfaces, 2015, 2, 1500249.	1.9	82
104	Enhanced Photoelectrochemical Oxygen Evolution Reaction Ability of Ironâ€Derived Hematite Photoanode with Titanium Modification. Chemistry - A European Journal, 2015, 21, 19250-19256.	1.7	14
105	Holey Tungsten Oxynitride Nanowires: Novel Anodes Efficiently Integrate Microbial Chemical Energy Conversion and Electrochemical Energy Storage. Advanced Materials, 2015, 27, 3085-3091.	11.1	177
106	Facile Hydrothermal Synthesis of Three Dimensional Hematite Nanostructures with Enhanced Water Splitting Performance. Electrochimica Acta, 2015, 186, 95-100.	2.6	24
107	Vanadium Nitride Nanowire Supported SnS₂ Nanosheets with High Reversible Capacity as Anode Material for Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2015, 7, 23205-23215.	4.0	115
108	Chemically Lithiated TiO₂ Heterostructured Nanosheet Anode with Excellent Rate Capability and Long Cycle Life for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2015, 7, 25991-26003.	4.0	76

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109	Binder-free Fe2N nanoparticles on carbon textile with high power density as novel anode for high-performance flexible lithium ion batteries. Nano Energy, 2015, 11, 348-355.	8.2	180
110	Recent advances in metal nitrides as high-performance electrode materials for energy storage devices. Journal of Materials Chemistry A, 2015, 3, 1364-1387.	5.2	396
111	Scalable self-growth of Ni@NiO core-shell electrode with ultrahigh capacitance and super-long cyclic stability for supercapacitors. NPG Asia Materials, 2014, 6, e129-e129.	3.8	284
112	Oxygen Vacancy Induced Bismuth Oxyiodide with Remarkably Increased Visible-Light Absorption and Superior Photocatalytic Performance. ACS Applied Materials & Interfaces, 2014, 6, 22920-22927.	4.0	370
113	Flexible solid-state supercapacitors: design, fabrication and applications. Energy and Environmental Science, 2014, 7, 2160.	15.6	1,156
114	Significant performance enhancement of ZnO photoanodes from Ni(OH)2 electrocatalyst nanosheets overcoating. Nano Energy, 2014, 6, 10-18.	8.2	76
115	Oxygenâ€Deficient Hematite Nanorods as Highâ€Performance and Novel Negative Electrodes for Flexible Asymmetric Supercapacitors. Advanced Materials, 2014, 26, 3148-3155.	11.1	838
116	Gold nanoparticles inducing surface disorders of titanium dioxide photoanode for efficient water splitting. Nano Energy, 2014, 10, 313-321.	8.2	42
117	A New Benchmark Capacitance for Supercapacitor Anodes by Mixedâ€Valence Sulfurâ€Doped V₆O_{13â^’x}. Advanced Materials, 2014, 26, 5869-5875.	11.1	305
118	Titanium dioxide@titanium nitride nanowires on carbon cloth with remarkable rate capability for flexible lithium-ion batteries. Journal of Power Sources, 2014, 272, 946-953.	4.0	114
119	Flexible Energyâ€Storage Devices: Design Consideration and Recent Progress. Advanced Materials, 2014, 26, 4763-4782.	11.1	1,153
120	A mechanistic study into the catalytic effect of Ni(OH)2 on hematite for photoelectrochemical water oxidation. Nanoscale, 2013, 5, 4129.	2.8	169
121	Computational and Photoelectrochemical Study of Hydrogenated Bismuth Vanadate. Journal of Physical Chemistry C, 2013, 117, 10957-10964.	1.5	222
122	Oxygen vacancies promoting photoelectrochemical performance of In2O3 nanocubes. Scientific Reports, 2013, 3, 1021.	1.6	427
123	Stabilized TiN Nanowire Arrays for High-Performance and Flexible Supercapacitors. Nano Letters, 2012, 12, 5376-5381.	4.5	627
124	WO_{3â^’x}/MoO_{3â^’x} Core/Shell Nanowires on Carbon Fabric as an Anode for Allâ€Solidâ€State Asymmetric Supercapacitors. Advanced Energy Materials, 2012, 2, 1328-1332.	10.2	401
125	Electrochemical synthesis of hierarchical Cu2O stars with enhanced photoelectrochemical properties. Electrochimica Acta, 2012, 62, 1-7.	2.6	168