

Yuxin Tang

List of Publications by Year in descending order

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174
papers

12,000
citations

24978

57
h-index

29081

104
g-index

186
all docs

186
docs citations

186
times ranked

16241
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Janus Membranes: Promising Platform for Advanced Lithium Batteries and Beyond. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	3
2	InVO4-based photocatalysts for energy and environmental applications. <i>Chemical Engineering Journal</i> , 2022, 428, 131145.	6.6	44
3	Corrosion engineering boosting bulk Fe50Mn30Co10Cr10 high-entropy alloy as high-efficient alkaline oxygen evolution reaction electrocatalyst. <i>Journal of Materials Science and Technology</i> , 2022, 109, 267-275.	5.6	32
4	In-situ formed amorphous manganese vanadate encapsulating MnO via salt-assisted ball milling toward 3D hierarchical porous electrodes for superior lithium storage. <i>Chemical Engineering Journal</i> , 2022, 431, 133732.	6.6	0
5	Regulating zinc electroplating chemistry to achieve high energy coaxial fiber Zn ion supercapacitor for self-powered textile-based monitoring system. <i>Nano Energy</i> , 2022, 93, 106893.	8.2	36
6	A strong Lewis acid imparts high ionic conductivity and interfacial stability to polymer composite electrolytes towards all-solid-state Li-metal batteries. <i>Science China Materials</i> , 2022, 65, 2179-2188.	3.5	21
7	Hygroscopic Chemistry Enables Fire-tolerant Supercapacitors with a Self-healable Solute-Air Electrolyte. <i>Advanced Materials</i> , 2022, 34, e2109857.	11.1	12
8	Low temperature lithium-ion batteries electrolytes: Rational design, advancements, and future perspectives. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164163.	2.8	27
9	Lithium-rich sulfide/selenide cathodes for next-generation lithium-ion batteries: challenges and perspectives. <i>Chemical Communications</i> , 2022, 58, 3591-3600.	2.2	12
10	In Operando Neutron Scattering Multiple-scale Studies of Lithium-ion Batteries. <i>Small</i> , 2022, 18, e2107491.	5.2	11
11	Anodized Steel: The Most Promising Bifunctional Electrocatalyst for Alkaline Water Electrolysis in Industry. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	37
12	Improving the oxygen redox reversibility of Li-rich battery cathode materials via Coulombic repulsive interactions strategy. <i>Nature Communications</i> , 2022, 13, 1123.	5.8	81
13	Amphipathic Molecules Endowing Highly Structure Robust and Fast Kinetic Vanadium-Based Cathode for High-performance Zinc-ion Batteries. <i>Small Structures</i> , 2022, 3, .	6.9	19
14	Progress and perspectives on electrospinning techniques for solid-state lithium batteries. , 2022, 4, 539-575.		25
15	Nature-inspired materials and designs for flexible lithium-ion batteries. , 2022, 4, 878-900.		25
16	Rational design of electrospun nanofibers for gas purification: Principles, opportunities, and challenges. <i>Chemical Engineering Journal</i> , 2022, 446, 137099.	6.6	27
17	Controllable and Homogeneous Lithium Electrodeposition via Lithiophilic Anchor Points. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5977-5985.	2.1	1
18	Marching towards flexible intelligent materials. <i>Science China Materials</i> , 2022, 65, 1991-1993.	3.5	2

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19	Pampas grass-inspired FeOOH nanobelts as high performance anodes for sodium ion batteries. <i>Journal of Energy Chemistry</i> , 2021, 54, 138-142.	7.1	28
20	A "Seawater-in-Sludge" approach for capacitive biochar production via the alkaline and alkaline earth metals activation. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	9
21	MnO ₂ -Based Materials for Environmental Applications. <i>Advanced Materials</i> , 2021, 33, e2004862.	11.1	252
22	Direct coherent multi-ink printing of fabric supercapacitors. <i>Science Advances</i> , 2021, 7, .	4.7	95
23	Deep Cycling for High-Capacity Li-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2004998.	11.1	43
24	SChLAP1 promotes prostate cancer development through interacting with EZH2 to mediate promoter methylation modification of multiple miRNAs of chromosome 5 with a DNMT3a-feedback loop. <i>Cell Death and Disease</i> , 2021, 12, 188.	2.7	16
25	Tailoring quasi-2D perovskite thin films via nanocrystals mediation for enhanced electroluminescence. <i>Chemical Engineering Journal</i> , 2021, 411, 128511.	6.6	12
26	Quaternary-metal phosphide as electrocatalyst for efficient hydrogen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 18878-18886.	3.8	10
27	Advances of Nonlinear Photonics in Low-Dimensional Halide Perovskites. <i>Small</i> , 2021, 17, e2100809.	5.2	39
28	Interfacial reinforcement structure design towards ultrastable lithium storage in MoS ₂ -based composited electrode. <i>Chemical Engineering Journal</i> , 2021, 416, 129094.	6.6	36
29	Commercialization-Driven Electrodes Design for Lithium Batteries: Basic Guidance, Opportunities, and Perspectives. <i>Small</i> , 2021, 17, e2102233.	5.2	38
30	Knockdown of miR-423-5p simultaneously upgrades the eNOS and VEGFa pathways in ADSCs and improves erectile function in diabetic rats. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9796-9804.	1.6	8
31	Control of Shape and Size in Iron Fluoride Porous Sub-Microspheres: Consequences for Steric Hindrance Interaction. <i>Frontiers in Nanotechnology</i> , 2021, 3, .	2.4	0
32	Thermal-Responsive and Fire-Resistant Materials for High-Safety Lithium-Ion Batteries. <i>Small</i> , 2021, 17, e2103679.	5.2	35
33	Electrochemical energy storage devices working in extreme conditions. <i>Energy and Environmental Science</i> , 2021, 14, 3323-3351.	15.6	140
34	Commercialization-Driven Electrodes Design for Lithium Batteries: Basic Guidance, Opportunities, and Perspectives (<i>Small</i> 43/2021). <i>Small</i> , 2021, 17, 2170227.	5.2	1
35	Special Issue on the 40th Anniversary of University of Macau. <i>Small</i> , 2021, 17, e2105656.	5.2	0
36	A "PDMS-in-water" emulsion enables mechanochemically robust superhydrophobic surfaces with self-healing nature. <i>Nanoscale Horizons</i> , 2020, 5, 65-73.	4.1	193

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37	Constructing Mechanochemical Durable and Self-Healing Superhydrophobic Surfaces. ACS Omega, 2020, 5, 986-994.	1.6	79
38	Emerging polyanionic and organic compounds for high energy density, non-aqueous potassium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 16061-16080.	5.2	37
39	Manganese hexacyanoferrate reinforced by PEDOT coating towards high-rate and long-life sodium-ion battery cathode. Journal of Materials Chemistry A, 2020, 8, 3222-3227.	5.2	73
40	Designing Advanced Vanadium-Based Materials to Achieve Electrochemically Active Multielectron Reactions in Sodium/Potassium-Ion Batteries. Advanced Energy Materials, 2020, 10, 2002244.	10.2	79
41	Surface Reconstruction and Phase Transition on Vanadium-Cobalt-Iron Trimetal Nitrides to Form Active Oxyhydroxide for Enhanced Electrocatalytic Water Oxidation. Advanced Energy Materials, 2020, 10, 2002464.	10.2	155
42	Highly improved electrocatalytic activity of NiSx: Effects of Cr-doping and phase transition. Applied Catalysis B: Environmental, 2020, 267, 118721.	10.8	68
43	Ultrashort laser pulse doubling by metal-halide perovskite multiple quantum wells. Nature Communications, 2020, 11, 3361.	5.8	57
44	Oxygen Evolution Reaction: Surface Reconstruction and Phase Transition on Vanadium-Cobalt-Iron Trimetal Nitrides to Form Active Oxyhydroxide for Enhanced Electrocatalytic Water Oxidation (Adv.) Tj ETQq0 0 0 rg01/Overlock 10 Tf 5	10.2	155
45	Silicon-Based Anode Materials: Mechanically Reinforced Localized Structure Design to Stabilize Solid-Electrolyte Interface of the Compositing Electrode of Si Nanoparticles and TiO ₂ Nanotubes (Small 30/2020). Small, 2020, 16, 2070169.	5.2	0
46	Intercalation and exfoliation chemistries of transition metal dichalcogenides. Journal of Materials Chemistry A, 2020, 8, 15417-15444.	5.2	154
47	Mechanically Reinforced Localized Structure Design to Stabilize Solid-Electrolyte Interface of the Compositing Electrode of Si Nanoparticles and TiO ₂ Nanotubes. Small, 2020, 16, e2002094.	5.2	41
48	Integrative Analysis of MicroRNA and Gene Interactions for Revealing Candidate Signatures in Prostate Cancer. Frontiers in Genetics, 2020, 11, 176.	1.1	41
49	Building High Power Density of Sodium-Ion Batteries: Importance of Multidimensional Diffusion Pathways in Cathode Materials. Frontiers in Chemistry, 2020, 8, 152.	1.8	26
50	Elementary models of the flux driven anti-ripening during nanobelt growth. Physical Chemistry Chemical Physics, 2020, 22, 9740-9748.	1.3	1
51	A Cation and Anion Dual Doping Strategy for the Elevation of Titanium Redox Potential for High-Power Sodium-Ion Batteries. Angewandte Chemie, 2020, 132, 12174-12181.	1.6	20
52	Printable Ink Design towards Customizable Miniaturized Energy Storage Devices. , 2020, 2, 1041-1056.		45
53	Oxygen Evolution Reaction Kinetics: Reducing Oxygen Evolution Reaction Overpotential in Cobalt-Based Electrocatalysts via Optimizing the Microparticles-in-Spider Web-Electrode Configurations (Small 8/2020). Small, 2020, 16, 2070041.	5.2	1
54	Controlling the film structure by regulating 2D Ruddlesden-Popper perovskite formation enthalpy for efficient and stable tri-cation perovskite solar cells. Journal of Materials Chemistry A, 2020, 8, 5874-5881.	5.2	23

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55	In vitro exposure to metformin activates human spermatozoa at therapeutically relevant concentrations. <i>Andrology</i> , 2020, 8, 663-670.	1.9	8
56	Reducing Oxygen Evolution Reaction Overpotential in Cobalt-Based Electrocatalysts via Optimizing the "Microparticles-in-Spider Web" Electrode Configurations. <i>Small</i> , 2020, 16, e1907029.	5.2	34
57	A Cation and Anion Dual Doping Strategy for the Elevation of Titanium Redox Potential for High-Power Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12076-12083.	7.2	78
58	Unraveling the Formation of Amorphous MoS ₂ Nanograins during the Electrochemical Delithiation Process. <i>Advanced Functional Materials</i> , 2019, 29, 1904843.	7.8	38
59	Lowering Charge Transfer Barrier of LiMn ₂ O ₄ via Nickel Surface Doping To Enhance Li ⁺ Intercalation Kinetics at Subzero Temperatures. <i>Journal of the American Chemical Society</i> , 2019, 141, 14038-14042.	6.6	125
60	Correlating the Peukert's Constant with Phase Composition of Electrode Materials in Fast Lithiation Processes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 519-525.		45
61	Particulate Matter Capturing via Naturally Dried ZIF-8/Graphene Aerogels under Harsh Conditions. <i>IScience</i> , 2019, 16, 133-144.	1.9	60
62	Robust amphiprotic konjac glucomannan cross-linked chitosan aerogels for efficient water remediation. <i>Cellulose</i> , 2019, 26, 6785-6796.	2.4	16
63	Intercalation Pseudocapacitance Boosting Ultrafast Sodium Storage in Prussian Blue Analogs. <i>ChemSusChem</i> , 2019, 12, 2415-2420.	3.6	28
64	Sorption of Eu (III) onto Nano-Sized H-Titanates of Different Structures. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 697.	1.3	6
65	Approaching the Lithiation Limit of MoS ₂ While Maintaining Its Layered Crystalline Structure to Improve Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3521-3526.	7.2	62
66	Approaching the Lithiation Limit of MoS ₂ While Maintaining Its Layered Crystalline Structure to Improve Lithium Storage. <i>Angewandte Chemie</i> , 2019, 131, 3559-3564.	1.6	18
67	Mesoporous Organosilica Hollow Nanoparticles: Synthesis and Applications. <i>Advanced Materials</i> , 2019, 31, e1707612.	11.1	179
68	Membrane trafficking and exocytosis are upregulated in port wine stain blood vessels. <i>Histology and Histopathology</i> , 2019, 34, 479-490.	0.5	7
69	Fluoroethylene Carbonate Enabling a Robust LiF-rich Solid Electrolyte Interphase to Enhance the Stability of the MoS ₂ Anode for Lithium-Ion Storage. <i>Angewandte Chemie</i> , 2018, 130, 3718-3722.	1.6	40
70	Fluoroethylene Carbonate Enabling a Robust LiF-rich Solid Electrolyte Interphase to Enhance the Stability of the MoS ₂ Anode for Lithium-Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3656-3660.	7.2	149
71	Rational design of materials interface at nanoscale towards intelligent oil-water separation. <i>Nanoscale Horizons</i> , 2018, 3, 235-260.	4.1	262
72	Editable Supercapacitors with Customizable Stretchability Based on Mechanically Strengthened Ultralong MnO ₂ Nanowire Composite. <i>Advanced Materials</i> , 2018, 30, 1704531.	11.1	270

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73	Long non-coding RNA H19 promotes TDRG1 expression and cisplatin resistance by sequestering miRNA-106b in seminoma. <i>Cancer Medicine</i> , 2018, 7, 6247-6257.	1.3	41
74	Honeycomb-Lantern-Inspired 3D Stretchable Supercapacitors with Enhanced Specific Areal Capacitance. <i>Advanced Materials</i> , 2018, 30, e1805468.	11.1	152
75	Rational Construction of LaFeO ₃ Perovskite Nanoparticle-Modified TiO ₂ Nanotube Arrays for Visible-Light Driven Photocatalytic Activity. <i>Coatings</i> , 2018, 8, 374.	1.2	18
76	Roles of Alternative RNA Splicing of the Bif-1 Gene by SRRM4 During the Development of Treatment-induced Neuroendocrine Prostate Cancer. <i>EBioMedicine</i> , 2018, 31, 267-275.	2.7	20
77	Identifying the Origin and Contribution of Surface Storage in TiO ₂ (B) Nanotube Electrode by In Situ Dynamic Valence State Monitoring. <i>Advanced Materials</i> , 2018, 30, e1802200.	11.1	90
78	Mechanically Robust Transparent Anti-Icing Coatings: Roles of Dispersion Status of Titanate Nanotubes. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800773.	1.9	16
79	A novel mechanism of SRRM4 in promoting neuroendocrine prostate cancer development via a pluripotency gene network. <i>EBioMedicine</i> , 2018, 35, 167-177.	2.7	36
80	Understanding the Role of Dynamic Wettability for Condensate Microdrop Self-Propelling Based on Designed Superhydrophobic TiO ₂ Nanostructures. <i>Small</i> , 2017, 13, 1600687.	5.2	101
81	Dynamic Wettability: Understanding the Role of Dynamic Wettability for Condensate Microdrop Self-Propelling Based on Designed Superhydrophobic TiO ₂ Nanostructures (<i>Small</i> 4/2017). <i>Small</i> , 2017, 13, .	5.2	0
82	Constructing multifunctional MOF@rGO hydro-/aerogels by the self-assembly process for customized water remediation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11873-11881.	5.2	206
83	Efficient electron transfer kuramite Cu ₃ SnS ₄ nanosheet thin film towards platinum-free cathode in dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2017, 341, 60-67.	4.0	39
84	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. <i>Angewandte Chemie</i> , 2017, 129, 15043-15048.	1.6	23
85	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14847-14852.	7.2	88
86	Water-Soluble Sericin Protein Enabling Stable Solid-Electrolyte Interphase for Fast Charging High Voltage Battery Electrode. <i>Advanced Materials</i> , 2017, 29, 1701828.	11.1	147
87	Knockdown of HMG5 increases the chemosensitivity of human urothelial bladder cancer cells to cisplatin by targeting PI3K/Akt signaling. <i>Oncology Letters</i> , 2017, 14, 6463-6470.	0.8	12
88	Li _{4x/3} Co _{2x} Ti _{1+2x/3} O ₄ spinel solid solutions: order and disorder phase transition, cations distribution and adjustable microwave dielectric properties. <i>RSC Advances</i> , 2017, 7, 51670-51677.	1.7	5
89	A Variant in the Precursor of MicroRNA-146a is Responsible for Development of Erectile Dysfunction in Patients with Chronic Prostatitis via Targeting NOS1. <i>Medical Science Monitor</i> , 2017, 23, 929-937.	0.5	8
90	The adenosine A _{2b} receptor promotes tumor progression of bladder urothelial carcinoma by enhancing MAPK signaling pathway. <i>Oncotarget</i> , 2017, 8, 48755-48768.	0.8	46

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91	TDRG1 functions in testicular seminoma are dependent on the PI3K/Akt/mTOR signaling pathway. <i>OncoTargets and Therapy</i> , 2016, 9, 409.	1.0	22
92	Nanostructured TiO ₂ -Based Anode Materials for High-Performance Rechargeable Lithium-Ion Batteries. <i>ChemNanoMat</i> , 2016, 2, 764-775.	1.5	111
93	Wet-Chemical Processing of Phosphorus Composite Nanosheets for High-Rate and High-Capacity Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2016, 6, 1502409.	10.2	211
94	Uniform spatial distribution of a nanostructured Ag/AgCl plasmonic photocatalyst and its segregative membrane towards visible light-driven photodegradation. <i>CrystEngComm</i> , 2016, 18, 3725-3733.	1.3	10
95	MicroRNA-340 inhibits prostate cancer cell proliferation and metastasis by targeting the MDM2-p53 pathway. <i>Oncology Reports</i> , 2016, 35, 887-895.	1.2	45
96	Hierarchically branched Fe ₂ O ₃ @TiO ₂ nanorod arrays for photoelectrochemical water splitting: facile synthesis and enhanced photoelectrochemical performance. <i>Nanoscale</i> , 2016, 8, 11284-11290.	2.8	87
97	TDRG1 regulates chemosensitivity of seminoma TCam-2 cells to cisplatin via PI3K/Akt/mTOR signaling pathway and mitochondria-mediated apoptotic pathway. <i>Cancer Biology and Therapy</i> , 2016, 17, 741-750.	1.5	32
98	Conductive Inks Based on a Lithium Titanate Nanotube Gel for High-Rate Lithium-Ion Batteries with Customized Configuration. <i>Advanced Materials</i> , 2016, 28, 1567-1576.	11.1	178
99	Prolonged Electron Lifetime in Ordered TiO ₂ Mesophyll Cell-Like Microspheres for Efficient Photocatalytic Water Reduction and Oxidation. <i>Small</i> , 2016, 12, 2291-2299.	5.2	50
100	The prognostic role of preoperative serum albumin/globulin ratio in patients with bladder urothelial carcinoma undergoing radical cystectomy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2016, 34, 484.e1-484.e8.	0.8	66
101	In situ plasmonic Ag nanoparticle anchored TiO ₂ nanotube arrays as visible-light-driven photocatalysts for enhanced water splitting. <i>Nanoscale</i> , 2016, 8, 5226-5234.	2.8	243
102	Ambient dissolution-recrystallization towards large-scale preparation of V ₂ O ₅ nanobelts for high-energy battery applications. <i>Nano Energy</i> , 2016, 22, 583-593.	8.2	112
103	Bias in Evaluating Erectile Function in Lifelong Premature Ejaculation Patients with the International Index of Erectile Function-5. <i>Journal of Sexual Medicine</i> , 2015, 12, 2061-2069.	0.3	9
104	Nanostructures: Highly Stretchable Gold Nanobelts with Sinusoidal Structures for Recording Electrocardiograms (<i>Adv. Mater.</i> 20/2015). <i>Advanced Materials</i> , 2015, 27, 3219-3219.	11.1	4
105	In vitro study on shRNA-mediated reduction of testis developmental related gene 1 expression and its effects on the proliferation, invasion and apoptosis of NTERA-2 cells. <i>Oncology Letters</i> , 2015, 10, 61-66.	0.8	11
106	Total nephrectomy with nephron-sparing surgery for a giant bilateral renal angiomyolipoma: A case report. <i>Oncology Letters</i> , 2015, 10, 2450-2452.	0.8	8
107	An invasive mole with bilateral kidney metastases: A case report. <i>Oncology Letters</i> , 2015, 10, 3407-3410.	0.8	3
108	Self-Protection of Electrochemical Storage Devices via a Thermal Reversible Sol-Gel Transition. <i>Advanced Materials</i> , 2015, 27, 5593-5598.	11.1	94

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109	Multifunctional TiO ₂ -Based Particles: The Effect of Fluorination Degree and Liquid Surface Tension on Wetting Behavior. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 355-363.	1.2	20
110	Crystallization-induced red emission of a facilely synthesized biodegradable indigo derivative. <i>Chemical Communications</i> , 2015, 51, 3375-3378.	2.2	47
111	Rational material design for ultrafast rechargeable lithium-ion batteries. <i>Chemical Society Reviews</i> , 2015, 44, 5926-5940.	18.7	857
112	Highly Stretchable Gold Nanobelts with Sinusoidal Structures for Recording Electrocardiograms. <i>Advanced Materials</i> , 2015, 27, 3145-3151.	11.1	145
113	Titanate and titania nanostructured materials for environmental and energy applications: a review. <i>RSC Advances</i> , 2015, 5, 79479-79510.	1.7	247
114	Multifunctional wettability patterns prepared by laser processing on superhydrophobic TiO ₂ nanostructured surfaces. <i>Journal of Materials Chemistry B</i> , 2015, 3, 342-347.	2.9	72
115	Paratesticular solitary fibrous tumor: a case report and review of literature. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 3358-61.	0.5	4
116	Primary adrenal leiomyosarcoma: a case report and review of literature. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4258-63.	0.5	20
117	Ureteral obstruction by prostate cancer leads to spontaneous ureteric rupture: a case report. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 16842-4.	1.3	5
118	Penis keratoacanthoma transforming into squamous cell carcinoma: a rare case. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 21262-5.	1.3	0
119	Anacardic acid sensitizes prostate cancer cells to radiation therapy by regulating H2AX expression. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 15926-32.	0.5	6
120	Unravelling the Correlation between the Aspect Ratio of Nanotubular Structures and Their Electrochemical Performance To Achieve High-Rate and Long-Life Lithium-Ion Batteries (<i>Angew.</i>)	1.4	5
121	One-pot solvothermal synthesis of dual-phase titanate/titania Nanoparticles and their adsorption and photocatalytic Performances. <i>Journal of Solid State Chemistry</i> , 2014, 214, 67-73.	1.4	5
122	Unravelling the Correlation between the Aspect Ratio of Nanotubular Structures and Their Electrochemical Performance To Achieve High-Rate and Long-Life Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13488-13492.	7.2	172
123	Light Extraction Efficiency Enhancement of Colloidal Quantum Dot Light-Emitting Diodes Using Large-Scale Nanopillar Arrays. <i>Advanced Functional Materials</i> , 2014, 24, 5977-5984.	7.8	68
124	Poly Tri-s-triazines as Visible Light Sensitizers in Titania-Based Composite Photocatalysts: Promotion of Melon Development from Urea over Acid Titanates. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 149-157.	3.2	21
125	Nanotubes: Mechanical Force-Driven Growth of Elongated Bending TiO ₂ -based Nanotubular Materials for Ultrafast Rechargeable Lithium Ion Batteries (<i>Adv. Mater.</i> 35/2014). <i>Advanced Materials</i> , 2014, 26, 6046-6046.	11.1	6
126	Comparison of the simplified International Index of Erectile Function (IIEF-5) in patients of erectile dysfunction with different pathophysiologies. <i>BMC Urology</i> , 2014, 14, 52.	0.6	33

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127	Mechanical Force-Driven Growth of Elongated Bending TiO ₂ -based Nanotubular Materials for Ultrafast Rechargeable Lithium Ion Batteries. <i>Advanced Materials</i> , 2014, 26, 6111-6118.	11.1	386
128	Progression of penile cutaneous horn to squamous cell carcinoma: A case report. <i>Oncology Letters</i> , 2014, 8, 1211-1213.	0.8	6
129	Peripheral Blood Mitochondrial DNA Copy Number Is Associated with Prostate Cancer Risk and Tumor Burden. <i>PLoS ONE</i> , 2014, 9, e109470.	1.1	53
130	Synthesis, photophysical properties, and photocatalytic applications of Bi doped NaTaO ₃ and Bi doped Na ₂ Ta ₂ O ₆ nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1708-1713.	1.9	48
131	Enhanced Photocatalytic Hydrogen Production with Synergistic Two-Phase Anatase/Brookite TiO ₂ Nanostructures. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14973-14982.	1.5	134
132	Improving Photocatalytic H ₂ Evolution of TiO ₂ via Formation of {001}–{010} Quasi-Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22894-22902.	1.5	38
133	Vanadium pentoxide cathode materials for high-performance lithium-ion batteries enabled by a hierarchical nanoflower structure via an electrochemical process. <i>Journal of Materials Chemistry A</i> , 2013, 1, 82-88.	5.2	138
134	Specific surface area of titanium dioxide (TiO ₂) particles influences cyto- and photo-toxicity. <i>Toxicology</i> , 2013, 304, 132-140.	2.0	51
135	Self-assembled, robust titanate nanoribbon membranes for highly efficient nanosolid capture and molecule discrimination. <i>Nanoscale</i> , 2013, 5, 3486.	2.8	17
136	Facile Synthesis of Luminescent AgInS ₂ -ZnS Solid Solution Nanorods. <i>Small</i> , 2013, 9, 2689-2695.	5.2	32
137	Three-Dimensional CdS–Titanate Composite Nanomaterials for Enhanced Visible-Light-Driven Hydrogen Evolution. <i>Small</i> , 2013, 9, 996-1002.	5.2	124
138	Understanding the Role of Nanostructures for Efficient Hydrogen Generation on Immobilized Photocatalysts. <i>Advanced Energy Materials</i> , 2013, 3, 1368-1380.	10.2	122
139	Ag–AgBr/TiO ₂ /RGO nanocomposite for visible-light photocatalytic degradation of penicillin G. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4718.	5.2	190
140	Hollow Nanostructures: Efficient Ag@AgCl Cubic Cage Photocatalysts Profit from Ultrafast Plasmon-Induced Electron Transfer Processes (<i>Adv. Funct. Mater.</i> 23/2013). <i>Advanced Functional Materials</i> , 2013, 23, 2902-2902.	7.8	1
141	Efficient Ag@AgCl Cubic Cage Photocatalysts Profit from Ultrafast Plasmon-Induced Electron Transfer Processes. <i>Advanced Functional Materials</i> , 2013, 23, 2932-2940.	7.8	270
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