

# 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	Rational material design for ultrafast rechargeable lithium-ion batteries. <i>Chemical Society Reviews</i> , 2015, 44, 5926-5940.	18.7	857
2	Transparent superhydrophobic/superhydrophilic TiO <sub>2</sub> -based coatings for self-cleaning and anti-fogging. <i>Journal of Materials Chemistry</i> , 2012, 22, 7420.	6.7	441
3	Mechanical Force-Driven Growth of Elongated Bending TiO <sub>2</sub> -based Nanotubular Materials for Ultrafast Rechargeable Lithium Ion Batteries. <i>Advanced Materials</i> , 2014, 26, 6111-6118.	11.1	386
4	Full Visible Range Covering InP/ZnS Nanocrystals with High Photometric Performance and Their Application to White Quantum Dot Light-Emitting Diodes. <i>Advanced Materials</i> , 2012, 24, 4180-4185.	11.1	283
5	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
6	Editable Supercapacitors with Customizable Stretchability Based on Mechanically Strengthened Ultralong MnO <sub>2</sub> Nanowire Composite. <i>Advanced Materials</i> , 2018, 30, 1704531.	11.1	270
7	Hierarchical TiO <sub>2</sub> Nanoflakes and Nanoparticles Hybrid Structure for Improved Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2772-2780.	1.5	262
8	Rational design of materials interface at nanoscale towards intelligent oil-water separation. <i>Nanoscale Horizons</i> , 2018, 3, 235-260.	4.1	262
9	MnO <sub>2</sub> -Based Materials for Environmental Applications. <i>Advanced Materials</i> , 2021, 33, e2004862.	11.1	252
10	Titanate and titania nanostructured materials for environmental and energy applications: a review. <i>RSC Advances</i> , 2015, 5, 79479-79510.	1.7	247
11	In situ plasmonic Ag nanoparticle anchored TiO <sub>2</sub> nanotube arrays as visible-light-driven photocatalysts for enhanced water splitting. <i>Nanoscale</i> , 2016, 8, 5226-5234.	2.8	243
12	Nitrogen-doped TiO <sub>2</sub> nanotube array films with enhanced photocatalytic activity under various light sources. <i>Journal of Hazardous Materials</i> , 2010, 184, 855-863.	6.5	240
13	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
14	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
15	A $\text{SiO}_2$ /PDMS-in-water emulsion enables mechanochemically robust superhydrophobic surfaces with self-healing nature. <i>Nanoscale Horizons</i> , 2020, 5, 65-73.	4.1	193
16	Ag@AgBr/TiO <sub>2</sub> /RGO nanocomposite for visible-light photocatalytic degradation of penicillin G. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4718.	5.2	190
17	In situ formation of large-scale Ag/AgCl nanoparticles on layered titanate honeycomb by gas phase reaction for visible light degradation of phenol solution. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 577-585.	10.8	182
18	Fabrication of uniform Ag/TiO <sub>2</sub> nanotube array structures with enhanced photoelectrochemical performance. <i>New Journal of Chemistry</i> , 2010, 34, 1335.	1.4	181

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19	Mesoporous Organosilica Hollow Nanoparticles: Synthesis and Applications. <i>Advanced Materials</i> , 2019, 31, e1707612.	11.1	179
20	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
21	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
22	Surface Reconstruction and Phase Transition on Vanadium-Cobalt-Iron Trimetal Nitrides to Form Active Oxyhydroxide for Enhanced Electrocatalytic Water Oxidation. <i>Advanced Energy Materials</i> , 2020, 10, 2002464.	10.2	155
23	Intercalation and exfoliation chemistries of transition metal dichalcogenides. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15417-15444.	5.2	154
24	Honeycomb-Lantern-Inspired 3D Stretchable Supercapacitors with Enhanced Specific Areal Capacitance. <i>Advanced Materials</i> , 2018, 30, e1805468.	11.1	152
25	Fluoroethylene Carbonate Enabling a Robust LiF-Rich Solid Electrolyte Interphase to Enhance the Stability of the MoS <sub>2</sub> Anode for Lithium-Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3656-3660.	7.2	149
26	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
27	Highly Stretchable Gold Nanobelts with Sinusoidal Structures for Recording Electrocardiograms. <i>Advanced Materials</i> , 2015, 27, 3145-3151.	11.1	145
28	Electrochemical energy storage devices working in extreme conditions. <i>Energy and Environmental Science</i> , 2021, 14, 3323-3351.	15.6	140
29	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
30	Enhanced Photocatalytic Hydrogen Production with Synergistic Two-Phase Anatase/Brookite TiO <sub>2</sub> Nanostructures. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14973-14982.	1.5	134
31	Lowering Charge Transfer Barrier of LiMn <sub>2</sub> O <sub>4</sub> via Nickel Surface Doping To Enhance Li <sup>+</sup> Intercalation Kinetics at Subzero Temperatures. <i>Journal of the American Chemical Society</i> , 2019, 141, 14038-14042.	6.6	125
32	Three-Dimensional CdS-Titanate Composite Nanomaterials for Enhanced Visible-Light-Driven Hydrogen Evolution. <i>Small</i> , 2013, 9, 996-1002.	5.2	124
33	Understanding the Role of Nanostructures for Efficient Hydrogen Generation on Immobilized Photocatalysts. <i>Advanced Energy Materials</i> , 2013, 3, 1368-1380.	10.2	122
34	Ambient dissolution-recrystallization towards large-scale preparation of V <sub>2</sub> O <sub>5</sub> nanobelts for high-energy battery applications. <i>Nano Energy</i> , 2016, 22, 583-593.	8.2	112
35	Nanostructured TiO <sub>2</sub> -Based Anode Materials for High-Performance Rechargeable Lithium-Ion Batteries. <i>ChemNanoMat</i> , 2016, 2, 764-775.	1.5	111
36	Understanding the Role of Dynamic Wettability for Condensate Microdrop Self-Propelling Based on Designed Superhydrophobic TiO <sub>2</sub> Nanostructures. <i>Small</i> , 2017, 13, 1600687.	5.2	101

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37	Direct coherent multi-ink printing of fabric supercapacitors. <i>Science Advances</i> , 2021, 7, .	4.7	95
38	Self-Protection of Electrochemical Storage Devices via a Thermal Reversible Sol-Gel Transition. <i>Advanced Materials</i> , 2015, 27, 5593-5598.	11.1	94
39	Highly stable heterostructured Ag-AgBr/TiO <sub>2</sub> composite: a bifunctional visible-light active photocatalyst for destruction of ibuprofen and bacteria. <i>Journal of Materials Chemistry</i> , 2012, 22, 23149.	6.7	91
40	Identifying the Origin and Contribution of Surface Storage in TiO <sub>2</sub> (B) Nanotube Electrode by In Situ Dynamic Valence State Monitoring. <i>Advanced Materials</i> , 2018, 30, e1802200.	11.1	90
41	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14847-14852.	7.2	88
42	Hierarchically branched Fe <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> nanorod arrays for photoelectrochemical water splitting: facile synthesis and enhanced photoelectrochemical performance. <i>Nanoscale</i> , 2016, 8, 11284-11290.	2.8	87
43	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
44	Constructing Mechanochemical Durable and Self-Healing Superhydrophobic Surfaces. <i>ACS Omega</i> , 2020, 5, 986-994.	1.6	79
45	Designing Advanced Vanadium-Based Materials to Achieve Electrochemically Active Multielectron Reactions in Sodium/Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2002244.	10.2	79
46	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
47	Synthesis of Nanostructured Silver/Silver Halides on Titanate Surfaces and Their Visible-Light Photocatalytic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 438-446.	4.0	77
48	Manganese hexacyanoferrate reinforced by PEDOT coating towards high-rate and long-life sodium-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3222-3227.	5.2	73
49	Multifunctional wettability patterns prepared by laser processing on superhydrophobic TiO <sub>2</sub> nanostructured surfaces. <i>Journal of Materials Chemistry B</i> , 2015, 3, 342-347.	2.9	72
50	Visible-light plasmonic photocatalyst anchored on titanate nanotubes: a novel nanohybrid with synergistic effects of adsorption and degradation. <i>RSC Advances</i> , 2012, 2, 9406.	1.7	70
51	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
52	Highly improved electrocatalytic activity of NiS <sub>x</sub> : Effects of Cr-doping and phase transition. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118721.	10.8	68
53	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
54	Bioinspired TiO <sub>2</sub> Nanostructure Films with Special Wettability and Adhesion for Droplets Manipulation and Patterning. <i>Scientific Reports</i> , 2013, 3, 3009.	1.6	64

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55	Approaching the Lithiation Limit of MoS <sub>2</sub> While Maintaining Its Layered Crystalline Structure to Improve Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3521-3526.	7.2	62
56	Electronic Structure, Optical Properties, and Photocatalytic Activities of LaFeO <sub>3</sub> –NaTaO <sub>3</sub> Solid Solution. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22767-22773.	1.5	60
57	Particulate Matter Capturing via Naturally Dried ZIF-8/Graphene Aerogels under Harsh Conditions. <i>IScience</i> , 2019, 16, 133-144.	1.9	60
58	Silver decorated titanate/titania nanostructures for efficient solar driven photocatalysis. <i>Journal of Solid State Chemistry</i> , 2012, 189, 117-122.	1.4	58
59	Morphology, crystal structure and adsorption performance of hydrothermally synthesized titania and titanate nanostructures. <i>Nanoscale</i> , 2010, 2, 2751.	2.8	57
60	Solvothermal synthesis of Fe–C codoped TiO <sub>2</sub> nanoparticles for visible-light photocatalytic removal of emerging organic contaminants in water. <i>Applied Catalysis A: General</i> , 2011, 409-410, 257-266.	2.2	57
61	Ultrashort laser pulse doubling by metal-halide perovskite multiple quantum wells. <i>Nature Communications</i> , 2020, 11, 3361.	5.8	57
62	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
63	Specific surface area of titanium dioxide (TiO <sub>2</sub> ) particles influences cyto- and photo-toxicity. <i>Toxicology</i> , 2013, 304, 132-140.	2.0	51
64	Prolonged Electron Lifetime in Ordered TiO <sub>2</sub> Mesophyll Cell-Like Microspheres for Efficient Photocatalytic Water Reduction and Oxidation. <i>Small</i> , 2016, 12, 2291-2299.	5.2	50
65	In Situ Mechanistic Investigation at the Liquid/Solid Interface by Attenuated Total Reflectance FTIR: Ethanol Photo-Oxidation over Pristine and Platinized TiO <sub>2</sub> (P25). <i>ACS Catalysis</i> , 2011, 1, 864-871.	5.5	49
66	Hierarchical layered titanate microspherulite: formation by electrochemical spark discharge spallation and application in aqueous pollutant treatment. <i>Journal of Materials Chemistry</i> , 2010, 20, 10169.	6.7	48
67	Synthesis, photophysical properties, and photocatalytic applications of Bi doped NaTaO <sub>3</sub> and Bi doped Na <sub>2</sub> Ta <sub>2</sub> O <sub>6</sub> nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1708-1713.	1.9	48
68	Crystallization-induced red emission of a facilely synthesized biodegradable indigo derivative. <i>Chemical Communications</i> , 2015, 51, 3375-3378.	2.2	47
69	The adenosine A2b receptor promotes tumor progression of bladder urothelial carcinoma by enhancing MAPK signaling pathway. <i>Oncotarget</i> , 2017, 8, 48755-48768.	0.8	46
70	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
71	Correlating the Peukert's Constant with Phase Composition of Electrode Materials in Fast Lithiation Processes. , 2019, 1, 519-525.		45
72	Printable Ink Design towards Customizable Miniaturized Energy Storage Devices. , 2020, 2, 1041-1056.		45

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73	InVO4-based photocatalysts for energy and environmental applications. <i>Chemical Engineering Journal</i> , 2022, 428, 131145.	6.6	44
74	Ultrafast Synthesis of Layered Titanate Microspherulite Particles by Electrochemical Spark Discharge Spallation. <i>Chemistry - A European Journal</i> , 2010, 16, 7704-7708.	1.7	43
75	Synthesis of Fivefold Stellate Polyhedral Gold Nanoparticles with {110} Facets via a Seed-Mediated Growth Method. <i>Small</i> , 2013, 9, 705-710.	5.2	43
76	Deep Cycling for High-Capacity Li-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2004998.	11.1	43
77	Anacardic acid (6-pentadecylsalicylic acid) induces apoptosis of prostate cancer cells through inhibition of androgen receptor and activation of p53 signaling. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2012, 24, 275-283.	0.7	41
78	Long non-coding RNA H19 promotes TDRG1 expression and cisplatin resistance by sequestering miRNA-106b-5p in seminoma. <i>Cancer Medicine</i> , 2018, 7, 6247-6257.	1.3	41
79	Mechanically Reinforced Localized Structure Design to Stabilize Solid-Electrolyte Interface of the Compositated Electrode of Si Nanoparticles and TiO <sub>2</sub> Nanotubes. <i>Small</i> , 2020, 16, e2002094.	5.2	41
80	Integrative Analysis of MicroRNA and Gene Interactions for Revealing Candidate Signatures in Prostate Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 176.	1.1	41
81	Fluoroethylene Carbonate Enabling a Robust LiF-rich Solid Electrolyte Interphase to Enhance the Stability of the MoS <sub>2</sub> Anode for Lithium-Ion Storage. <i>Angewandte Chemie</i> , 2018, 130, 3718-3722.	1.6	40
82	Electrophoretic deposition of titanate nanotube films with extremely large wetting contrast. <i>Electrochemistry Communications</i> , 2009, 11, 2268-2271.	2.3	39
83	Efficient electron transfer kuramite Cu <sub>3</sub> SnS <sub>4</sub> 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	Advances of Nonlinear Photonics in Low-Dimensional Halide Perovskites. <i>Small</i> , 2021, 17, e2100809.	5.2	39
85	Improving Photocatalytic H <sub>2</sub> Evolution of TiO <sub>2</sub> via Formation of {001} Faceted {010} Quasi-Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22894-22902.	1.5	38
86	Unraveling the Formation of Amorphous MoS <sub>2</sub> Nanograins during the Electrochemical Delithiation Process. <i>Advanced Functional Materials</i> , 2019, 29, 1904843.	7.8	38
87	Commercialization-Driven Electrodes Design for Lithium Batteries: Basic Guidance, Opportunities, and Perspectives. <i>Small</i> , 2021, 17, e2102233.	5.2	38
88	Emerging polyanionic and organic compounds for high energy density, non-aqueous potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16061-16080.	5.2	37
89	Anodized Steel: The Most Promising Bifunctional Electrocatalyst for Alkaline Water Electrolysis in Industry. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	37
90	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

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91	Interfacial reinforcement structure design towards ultrastable lithium storage in MoS <sub>2</sub> -based composited electrode. <i>Chemical Engineering Journal</i> , 2021, 416, 129094.	6.6	36
92	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
93	Preparation and Characterization of TiO <sub>2</sub> Nanotube Arrays via Anodization of Titanium Films Deposited on FTO Conducting Glass at Room Temperature. <i>Acta Physico-chimica Sinica</i> , 2008, 24, 2191-2197.	0.6	35
94	Thermal-Responsive and Fire-Resistant Materials for High-Safety Lithium-Ion Batteries. <i>Small</i> , 2021, 17, e2103679.	5.2	35
95	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
96	Hierarchical protonated titanate nanostructures for lithium-ion batteries. <i>Nanoscale</i> , 2011, 3, 4074.	2.8	33
97	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
98	Facile Synthesis of Luminescent AgInS <sub>2</sub> -ZnS Solid Solution Nanorods. <i>Small</i> , 2013, 9, 2689-2695.	5.2	32
99	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
100	Corrosion engineering boosting bulk Fe <sub>50</sub> Mn <sub>30</sub> Co <sub>10</sub> Cr <sub>10</sub> 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
101	Multi-functional hybrid protonated titanate nanobelts with tunable wettability. <i>Soft Matter</i> , 2011, 7, 6313.	1.2	28
102	Intercalation Pseudocapacitance Boosting Ultrafast Sodium Storage in Prussian Blue Analogs. <i>ChemSusChem</i> , 2019, 12, 2415-2420.	3.6	28
103	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
104	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
105	Rational design of electrospun nanofibers for gas purification: Principles, opportunities, and challenges. <i>Chemical Engineering Journal</i> , 2022, 446, 137099.	6.6	27
106	Preparation of TiO <sub>2</sub> nanotube on glass by anodization of Ti films at room temperature. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 192-198.	1.7	26
107	Building High Power Density of Sodium-Ion Batteries: Importance of Multidimensional Diffusion Pathways in Cathode Materials. <i>Frontiers in Chemistry</i> , 2020, 8, 152.	1.8	26
108	Progress and perspectives on electrospinning techniques for solid-state lithium batteries. , 2022, 4, 539-575.		25



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109	Nature-inspired materials and designs for flexible lithium-ion batteries. , 2022, 4, 878-900.		25
110	Nitrogen-sensitized dual phase titanate/titania for visible-light driven phenol degradation. Journal of Solid State Chemistry, 2012, 196, 518-527.	1.4	23
111	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. Angewandte Chemie, 2017, 129, 15043-15048.	1.6	23
112	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
113	TDRG1 functions in testicular seminoma are dependent on the PI3K/Akt/mTOR signaling pathway. OncoTargets and Therapy, 2016, 9, 409.	1.0	22
114	Poly Tri-s-triazines as Visible Light Sensitizers in Titania-Based Composite Photocatalysts: Promotion of Melon Development from Urea over Acid Titanates. ACS Sustainable Chemistry and Engineering, 2014, 2, 149-157.	3.2	21
115	A strong Lewis acid imparts high ionic conductivity and interfacial stability to polymer composite electrolytes towards all-solid-state Li-metal batteries. Science China Materials, 2022, 65, 2179-2188.	3.5	21
116	Multifunctional TiO <sub>2</sub> -Based Particles: The Effect of Fluorination Degree and Liquid Surface Tension on Wetting Behavior. Particle and Particle Systems Characterization, 2015, 32, 355-363.	1.2	20
117	Roles of Alternative RNA Splicing of the Bif-1 Gene by SRRM4 During the Development of Treatment-induced Neuroendocrine Prostate Cancer. EBioMedicine, 2018, 31, 267-275.	2.7	20
118	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
119	Primary adrenal leiomyosarcoma: a case report and review of literature. International Journal of Clinical and Experimental Pathology, 2015, 8, 4258-63.	0.5	20
120	Amphipathic Molecules Endowing Highly Structure Robust and Fast Kinetic Vanadium-Based Cathode for High-Performance Zinc-Ion Batteries. Small Structures, 2022, 3, .	6.9	19
121	Rational Construction of LaFeO <sub>3</sub> Perovskite Nanoparticle-Modified TiO <sub>2</sub> Nanotube Arrays for Visible-Light Driven Photocatalytic Activity. Coatings, 2018, 8, 374.	1.2	18
122	Approaching the Lithiation Limit of MoS <sub>2</sub> While Maintaining Its Layered Crystalline Structure to Improve Lithium Storage. Angewandte Chemie, 2019, 131, 3559-3564.	1.6	18
123	Self-assembled, robust titanate nanoribbon membranes for highly efficient nanosolid capture and molecule discrimination. Nanoscale, 2013, 5, 3486.	2.8	17
124	Clean unzipping by steam etching to synthesize graphene nanoribbons. Nanotechnology, 2013, 24, 325604.	1.3	17
125	Mechanically Robust Transparent Anti-icing Coatings: Roles of Dispersion Status of Titanate Nanotubes. Advanced Materials Interfaces, 2018, 5, 1800773.	1.9	16
126	Robust amphiprotic konjac glucomannan cross-linked chitosan aerogels for efficient water remediation. Cellulose, 2019, 26, 6785-6796.	2.4	16



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127	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
128	The formation of micrometer-long TiO <sub>2</sub> nanotube arrays by anodization of titanium film on conducting glass substrate. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2011, 2, 045002.	0.7	13
129	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
130	Tailoring quasi-2D perovskite thin films via nanocrystals mediation for enhanced electroluminescence. <i>Chemical Engineering Journal</i> , 2021, 411, 128511.	6.6	12
131	Hygroscopic Chemistry Enables Fire-Tolerant Supercapacitors with a Self-Healable Electrolyte. <i>Advanced Materials</i> , 2022, 34, e2109857.	11.1	12
132	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
133	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
134	In Operando Neutron Scattering Multiple-Scale Studies of Lithium-Ion Batteries. <i>Small</i> , 2022, 18, e2107491.	5.2	11
135	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
136	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
137	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
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