Yuxin Tang

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164 papers	8,958 citations	50 h-index	91 g-index
186 ext. papers	10,489 ext. citations	10 avg, IF	6.32 L-index

#	Paper	IF	Citations
164	Rational material design for ultrafast rechargeable lithium-ion batteries. *Chemical Society Reviews*, **2015**, 44, 5926-40	58.5	716
163	Transparent superhydrophobic/superhydrophilic TiO2-based coatings for self-cleaning and anti-fogging. *Journal of Materials Chemistry*, **2012**, 22, 7420		386
162	Mechanical force-driven growth of elongated bending TiO2 -based nanotubular materials for ultrafast rechargeable lithium ion batteries. *Advanced Materials*, **2014**, 26, 6111-8	24	358
161	Efficient Ag@AgCl Cubic Cage Photocatalysts Profit from Ultrafast Plasmon-Induced Electron Transfer Processes. *Advanced Functional Materials*, **2013**, 23, 2932-2940	15.6	255
160	Full visible range covering InP/ZnS nanocrystals with high photometric performance and their application to white quantum dot light-emitting diodes. *Advanced Materials*, **2012**, 24, 4180-5	24	249
159	Hierarchical TiO2 Nanoflakes and Nanoparticles Hybrid Structure for Improved Photocatalytic Activity. *Journal of Physical Chemistry C*, **2012**, 116, 2772-2780	3.8	231
158	Nitrogen-doped TiO2 nanotube array films with enhanced photocatalytic activity under various light sources. *Journal of Hazardous Materials*, **2010**, 184, 855-863	12.8	213
157	Titanate and titania nanostructured materials for environmental and energy applications: a review. *RSC Advances*, **2015**, 5, 79479-79510	3.7	209
156	In situ plasmonic Ag nanoparticle anchored TiO2 nanotube arrays as visible-light-driven photocatalysts for enhanced water splitting. *Nanoscale*, **2016**, 8, 5226-34	7.7	208
155	Editable Supercapacitors with Customizable Stretchability Based on Mechanically Strengthened Ultralong MnO Nanowire Composite. *Advanced Materials*, **2018**, 30, 1704531	24	202
154	Rational design of materials interface at nanoscale towards intelligent oil-water separation. *Nanoscale Horizons*, **2018**, 3, 235-260	10.8	192
153	Wet-Chemical Processing of Phosphorus Composite Nanosheets for High-Rate and High-Capacity Lithium-Ion Batteries. *Advanced Energy Materials*, **2016**, 6, 1502409	21.8	173
152	Ag⊠AgBr/TiO2/RGO nanocomposite for visible-light photocatalytic degradation of penicillin G. *Journal of Materials Chemistry A*, **2013**, 1, 4718	13	171
151	Fabrication of uniform Ag/TiO2 nanotube array structures with enhanced photoelectrochemical performance. *New Journal of Chemistry*, **2010**, 34, 1335	3.6	164
150	In situ formation of large-scale Ag/AgCl nanoparticles on layered titanate honeycomb by gas phase reaction for visible light degradation of phenol solution. *Applied Catalysis B: Environmental*, **2011**, 106, 577-585	21.8	157
149	Conductive Inks Based on a Lithium Titanate Nanotube Gel for High-Rate Lithium-Ion Batteries with Customized Configuration. *Advanced Materials*, **2016**, 28, 1567-76	24	154
148	Unravelling the correlation between the aspect ratio of nanotubular structures and their electrochemical performance to achieve high-rate and long-life lithium-ion batteries. *Angewandte Chemie - International Edition*, **2014**, 53, 13488-92	16.4	152

147	Constructing multifunctional MOF@rGO hydro-/aerogels by the self-assembly process for customized water remediation. *Journal of Materials Chemistry A*, **2017**, 5, 11873-11881	13	147
146	Vanadium pentoxide cathode materials for high-performance lithium-ion batteries enabled by a hierarchical nanoflower structure via an electrochemical process. *Journal of Materials Chemistry A*, **2013**, 1, 82-88	13	126
145	Three-dimensional CdS-titanate composite nanomaterials for enhanced visible-light-driven hydrogen evolution. *Small*, **2013**, 9, 996-1002	11	118
144	Understanding the Role of Nanostructures for Efficient Hydrogen Generation on Immobilized Photocatalysts. *Advanced Energy Materials*, **2013**, 3, 1368-1380	21.8	118
143	Fluoroethylene Carbonate Enabling a Robust LiF-rich Solid Electrolyte Interphase to Enhance the Stability of the MoS Anode for Lithium-Ion Storage. *Angewandte Chemie - International Edition*, **2018**, 57, 3656-3660	16.4	117
142	Highly stretchable gold nanobelts with sinusoidal structures for recording electrocorticograms. *Advanced Materials*, **2015**, 27, 3145-51	24	114
141	Water-Soluble Sericin Protein Enabling Stable Solid-Electrolyte Interphase for Fast Charging High Voltage Battery Electrode. *Advanced Materials*, **2017**, 29, 1701828	24	114
140	Honeycomb-Lantern-Inspired 3D Stretchable Supercapacitors with Enhanced Specific Areal Capacitance. *Advanced Materials*, **2018**, 30, e1805468	24	114
139	Enhanced Photocatalytic Hydrogen Production with Synergistic Two-Phase Anatase/Brookite TiO2 Nanostructures. *Journal of Physical Chemistry C*, **2013**, 117, 14973-14982	3.8	111
138	A PDMS-in-water emulsion enables mechanochemically robust superhydrophobic surfaces with self-healing nature. *Nanoscale Horizons*, **2020**, 5, 65-73	10.8	107
137	Mesoporous Organosilica Hollow Nanoparticles: Synthesis and Applications. *Advanced Materials*, **2019**, 31, e1707612	24	106
136	Nanostructured TiO2-Based Anode Materials for High-Performance Rechargeable Lithium-Ion Batteries. *ChemNanoMat*, **2016**, 2, 764-775	3.5	90
135	MnO -Based Materials for Environmental Applications. *Advanced Materials*, **2021**, 33, e2004862	24	90
134	Understanding the Role of Dynamic Wettability for Condensate Microdrop Self-Propelling Based on Designed Superhydrophobic TiO Nanostructures. *Small*, **2017**, 13, 1600687	11	89
133	Highly stable heterostructured AgAgBr/TiO2 composite: a bifunctional visible-light active photocatalyst for destruction of ibuprofen and bacteria. *Journal of Materials Chemistry*, **2012**, 22, 23149		84
132	Ambient dissolution recrystallization towards large-scale preparation of V 2 O 5 nanobelts for high-energy battery applications. *Nano Energy*, **2016**, 22, 583-593	17.1	82
131	Hierarchically branched Fe2O3@TiO2 nanorod arrays for photoelectrochemical water splitting: facile synthesis and enhanced photoelectrochemical performance. *Nanoscale*, **2016**, 8, 11284-90	7.7	79
130	Lowering Charge Transfer Barrier of LiMnO via Nickel Surface Doping To Enhance Li Intercalation Kinetics at Subzero Temperatures. *Journal of the American Chemical Society*, **2019**, 141, 14038-14042	16.4	77

129	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	21.8	76
128	Self-Protection of Electrochemical Storage Devices via a Thermal Reversible Sol-Gel Transition. *Advanced Materials*, **2015**, 27, 5593-8	24	73
127	Identifying the Origin and Contribution of Surface Storage in TiO (B) Nanotube Electrode by In Situ Dynamic Valence State Monitoring. *Advanced Materials*, **2018**, 30, e1802200	24	72
126	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. *Angewandte Chemie - International Edition*, **2017**, 56, 14847-14852	16.4	71
125	Synthesis of nanostructured silver/silver halides on titanate surfaces and their visible-light photocatalytic performance. *ACS Applied Materials & Interfaces*, **2012**, 4, 438-46	9.5	70
124	Intercalation and exfoliation chemistries of transition metal dichalcogenides. *Journal of Materials Chemistry A*, **2020**, 8, 15417-15444	13	69
123	Visible-light plasmonic photocatalyst anchored on titanate nanotubes: a novel nanohybrid with synergistic effects of adsorption and degradation. *RSC Advances*, **2012**, 2, 9406	3.7	63
122	Multifunctional wettability patterns prepared by laser processing on superhydrophobic TiO nanostructured surfaces. *Journal of Materials Chemistry B*, **2015**, 3, 342-347	7.3	58
121	Light Extraction Efficiency Enhancement of Colloidal Quantum Dot Light-Emitting Diodes Using Large-Scale Nanopillar Arrays. *Advanced Functional Materials*, **2014**, 24, 5977-5984	15.6	58
120	The prognostic role of preoperative serum albumin/globulin ratio in patients with bladder urothelial carcinoma undergoing radical cystectomy. *Urologic Oncology: Seminars and Original Investigations*, **2016**, 34, 484.e1-484.e8	2.8	54
119	Bioinspired TiO2 nanostructure films with special wettability and adhesion for droplets manipulation and patterning. *Scientific Reports*, **2013**, 3, 3009	4.9	54
118	Morphology, crystal structure and adsorption performance of hydrothermally synthesized titania and titanate nanostructures. *Nanoscale*, **2010**, 2, 2751-7	7.7	54
117	A Cation and Anion Dual Doping Strategy for the Elevation of Titanium Redox Potential for High-Power Sodium-Ion Batteries. *Angewandte Chemie - International Edition*, **2020**, 59, 12076-12083	16.4	53
116	Electronic Structure, Optical Properties, and Photocatalytic Activities of LaFeO3–NaTaO3 Solid Solution. *Journal of Physical Chemistry C*, **2012**, 116, 22767-22773	3.8	52
115	Electrochemical energy storage devices working in extreme conditions. *Energy and Environmental Science*, **2021**, 14, 3323-3351	35.4	51
114	Silver decorated titanate/titania nanostructures for efficient solar driven photocatalysis. *Journal of Solid State Chemistry*, **2012**, 189, 117-122	3.3	50
113	Solvothermal synthesis of Fe3+ codoped TiO2 nanoparticles for visible-light photocatalytic removal of emerging organic contaminants in water. *Applied Catalysis A: General*, **2011**, 409-410, 257-266	5.1	48
112	Hierarchical layered titanate microspherulite: formation by electrochemical spark discharge spallation and application in aqueous pollutant treatment. *Journal of Materials Chemistry*, **2010**, 20, 10169		47

111	Prolonged Electron Lifetime in Ordered TiO2 Mesophyll Cell-Like Microspheres for Efficient Photocatalytic Water Reduction and Oxidation. *Small*, **2016**, 12, 2291-9	11	45
110	Approaching the Lithiation Limit of MoS While Maintaining Its Layered Crystalline Structure to Improve Lithium Storage. *Angewandte Chemie - International Edition*, **2019**, 58, 3521-3526	16.4	44
109	Direct coherent multi-ink printing of fabric supercapacitors. *Science Advances*, **2021**, 7,	14.3	44
108	Ultrafast synthesis of layered titanate microspherulite particles by electrochemical spark discharge spallation. *Chemistry - A European Journal*, **2010**, 16, 7704-8	4.8	43
107	Peripheral blood mitochondrial DNA copy number is associated with prostate cancer risk and tumor burden. *PLoS ONE*, **2014**, 9, e109470	3.7	43
106	Specific surface area of titanium dioxide (TiO2) particles influences cyto- and photo-toxicity. *Toxicology*, **2013**, 304, 132-40	4.4	42
105	Synthesis, photophysical properties, and photocatalytic applications of Bi doped NaTaO3 and Bi doped Na2Ta2O6 nanoparticles. *Journal of Physics and Chemistry of Solids*, **2013**, 74, 1708-1713	3.9	41
104	Synthesis of fivefold stellate polyhedral gold nanoparticles with {110}-facets via a seed-mediated growth method. *Small*, **2013**, 9, 705-10	11	41
103	In Situ Mechanistic Investigation at the Liquid/Solid Interface by Attenuated Total Reflectance FTIR: Ethanol Photo-Oxidation over Pristine and Platinized TiO2 (P25). *ACS Catalysis*, **2011**, 1, 864-871	13.1	40
102	Designing Advanced Vanadium-Based Materials to Achieve Electrochemically Active Multielectron Reactions in Sodium/Potassium-Ion Batteries. *Advanced Energy Materials*, **2020**, 10, 2002244	21.8	40
101	Particulate Matter Capturing via Naturally Dried ZIF-8/Graphene Aerogels under Harsh Conditions. *IScience*, **2019**, 16, 133-144	6.1	39
100	Constructing Mechanochemical Durable and Self-Healing Superhydrophobic Surfaces. *ACS Omega*, **2020**, 5, 986-994	3.9	39
99	Crystallization-induced red emission of a facilely synthesized biodegradable indigo derivative. *Chemical Communications*, **2015**, 51, 3375-8	5.8	38
98	Electrophoretic deposition of titanate nanotube films with extremely large wetting contrast. *Electrochemistry Communications*, **2009**, 11, 2268-2271	5.1	37
97	MicroRNA-340 inhibits prostate cancer cell proliferation and metastasis by targeting the MDM2-p53 pathway. *Oncology Reports*, **2016**, 35, 887-95	3.5	37
96	Anacardic acid (6-pentadecylsalicylic acid) induces apoptosis of prostate cancer cells through inhibition of androgen receptor and activation of p53 signaling. *Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research*, **2012**, 24, 275-283	3.8	35
95	Efficient electron transfer kuramite Cu3SnS4 nanosheet thin film towards platinum-free cathode in dye-sensitized solar cells. *Journal of Power Sources*, **2017**, 341, 60-67	8.9	34
94	Highly improved electrocatalytic activity of NiSx: Effects of Cr-doping and phase transition. *Applied Catalysis B: Environmental*, **2020**, 267, 118721	21.8	34

93	Improving Photocatalytic H2 Evolution of TiO2 via Formation of {001}□{010} Quasi-Heterojunctions. *Journal of Physical Chemistry C*, **2013**, 117, 22894-22902	3.8	33
92	Preparation and Characterization of TiO2 Nanotube Arrays via Anodization of Titanium Films Deposited on FTO Conducting Glass at Room Temperature. *Acta Physico-chimica Sinica*, **2008**, 24, 2191-2197		33
91	Correlating the Peukert□ Constant with Phase Composition of Electrode Materials in Fast Lithiation Processes **2019**, 1, 519-525		32
90	Hierarchical protonated titanate nanostructures for lithium-ion batteries. *Nanoscale*, **2011**, 3, 4074-7	7.7	32
89	The adenosine A2b receptor promotes tumor progression of bladder urothelial carcinoma by enhancing MAPK signaling pathway. *Oncotarget*, **2017**, 8, 48755-48768	3.3	30
88	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	13	30
87	Printable Ink Design towards Customizable Miniaturized Energy Storage Devices **2020**, 2, 1041-1056		29
86	Facile synthesis of luminescent AgInS□ZnS solid solution nanorods. *Small*, **2013**, 9, 2689-95	11	29
85	Unravelling the Correlation between the Aspect Ratio of Nanotubular Structures and Their Electrochemical Performance To Achieve High-Rate and Long-Life Lithium-Ion Batteries. *Angewandte Chemie*, **2014**, 126, 13706-13710	3.6	28
84	Ultrashort laser pulse doubling by metal-halide perovskite multiple quantum wells. *Nature Communications*, **2020**, 11, 3361	17.4	28
83	Long non-coding RNA H19 promotes TDRG1 expression and cisplatin resistance by sequestering miRNA-106b-5p in seminoma. *Cancer Medicine*, **2018**, 7, 6247-6257	4.8	27
82	Mechanically Reinforced Localized Structure Design to Stabilize Solid-Electrolyte Interface of the Composited Electrode of Si Nanoparticles and TiO Nanotubes. *Small*, **2020**, 16, e2002094	11	26
81	Unraveling the Formation of Amorphous MoS2 Nanograins during the Electrochemical Delithiation Process. *Advanced Functional Materials*, **2019**, 29, 1904843	15.6	26
80	A novel mechanism of SRRM4 in promoting neuroendocrine prostate cancer development via a pluripotency gene network. *EBioMedicine*, **2018**, 35, 167-177	8.8	25
79	Preparation of TiO2 nanotube on glass by anodization of Ti films at room temperature. *Transactions of Nonferrous Metals Society of China*, **2009**, 19, 192-198	3.3	25
78	Integrative Analysis of MicroRNA and Gene Interactions for Revealing Candidate Signatures in Prostate Cancer. *Frontiers in Genetics*, **2020**, 11, 176	4.5	23
77	Reducing Oxygen Evolution Reaction Overpotential in Cobalt-Based Electrocatalysts via Optimizing the "Microparticles-in-Spider Web" Electrode Configurations. *Small*, **2020**, 16, e1907029	11	23
76	Fluoroethylene Carbonate Enabling a Robust LiF-rich Solid Electrolyte Interphase to Enhance the Stability of the MoS2 Anode for Lithium-Ion Storage. *Angewandte Chemie*, **2018**, 130, 3718-3722	3.6	22

75	Multi-functional hybrid protonated titanate nanobelts with tunable wettability. *Soft Matter*, **2011**, 7, 6313	3.6	22
74	Emerging polyanionic and organic compounds for high energy density, non-aqueous potassium-ion batteries. *Journal of Materials Chemistry A*, **2020**, 8, 16061-16080	13	22
73	TDRG1 regulates chemosensitivity of seminoma TCam-2 cells to cisplatin via PI3K/Akt/mTOR signaling pathway and mitochondria-mediated apoptotic pathway. *Cancer Biology and Therapy*, **2016**, 17, 741-50	4.6	22
72	Comparison of the simplified International Index of Erectile Function (IIEF-5) in patients of erectile dysfunction with different pathophysiologies. *BMC Urology*, **2014**, 14, 52	2.2	21
71	Nitrogen-sensitized dual phase titanate/titania for visible-light driven phenol degradation. *Journal of Solid State Chemistry*, **2012**, 196, 518-527	3.3	21
70	Multifunctional TiO2-Based Particles: The Effect of Fluorination Degree and Liquid Surface Tension on Wetting Behavior. *Particle and Particle Systems Characterization*, **2015**, 32, 355-363	3.1	19
69	Primary adrenal leiomyosarcoma: a case report and review of literature. *International Journal of Clinical and Experimental Pathology*, **2015**, 8, 4258-63	1.4	19
68	Building High Power Density of Sodium-Ion Batteries: Importance of Multidimensional Diffusion Pathways in Cathode Materials. *Frontiers in Chemistry*, **2020**, 8, 152	5	17
67	Self-assembled, robust titanate nanoribbon membranes for highly efficient nanosolid capture and molecule discrimination. *Nanoscale*, **2013**, 5, 3486-95	7.7	17
66	TDRG1 functions in testicular seminoma are dependent on the PI3K/Akt/mTOR signaling pathway. *OncoTargets and Therapy*, **2016**, 9, 409-20	4.4	17
65	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	13	16
64	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	8.3	16
63	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. *Angewandte Chemie*, **2017**, 129, 15043-15048	3.6	15
62	Clean unzipping by steam etching to synthesize graphene nanoribbons. *Nanotechnology*, **2013**, 24, 325604	3.4	15
61	Pampas grass-inspired FeOOH nanobelts as high performance anodes for sodium ion batteries. *Journal of Energy Chemistry*, **2021**, 54, 138-142	12	15
60	Deep Cycling for High-Capacity Li-Ion Batteries. *Advanced Materials*, **2021**, 33, e2004998	24	15
59	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	8.8	14
58	Robust amphiprotic konjac glucomannan cross-linked chitosan aerogels for efficient water remediation. *Cellulose*, **2019**, 26, 6785-6796	5.5	13

57	Advances of Nonlinear Photonics in Low-Dimensional Halide Perovskites. *Small*, **2021**, 17, e2100809	11	13
56	Approaching the Lithiation Limit of MoS2 While Maintaining Its Layered Crystalline Structure to Improve Lithium Storage. *Angewandte Chemie*, **2019**, 131, 3559-3564	3.6	12
55	Mechanically Robust Transparent Anti-Icing Coatings: Roles of Dispersion Status of Titanate Nanotubes. *Advanced Materials Interfaces*, **2018**, 5, 1800773	4.6	11
54	Interfacial reinforcement structure design towards ultrastable lithium storage in MoS2-based composited electrode. *Chemical Engineering Journal*, **2021**, 416, 129094	14.7	11
53	Rational Construction of LaFeO3 Perovskite Nanoparticle-Modified TiO2 Nanotube Arrays for Visible-Light Driven Photocatalytic Activity. *Coatings*, **2018**, 8, 374	2.9	11
52	Intercalation Pseudocapacitance Boosting Ultrafast Sodium Storage in Prussian Blue Analogs. *ChemSusChem*, **2019**, 12, 2415-2420	8.3	10
51	Improving the oxygen redox reversibility of Li-rich battery cathode materials via Coulombic repulsive interactions strategy.. *Nature Communications*, **2022**, 13, 1123	17.4	9
50	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	3.6	8
49	Knockdown of HMGN5 increases the chemosensitivity of human urothelial bladder cancer cells to cisplatin by targeting PI3K/Akt signaling. *Oncology Letters*, **2017**, 14, 6463-6470	2.6	8
48	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. *Oncology Letters*, **2015**, 10, 61-66	2.6	8
47	Uniform spatial distribution of a nanostructured Ag/AgCl plasmonic photocatalyst and its segregative membrane towards visible light-driven photodegradation. *CrystEngComm*, **2016**, 18, 3725-3733	3.3	8
46	A Variant in the Precursor of MicroRNA-146a is Responsible for Development of Erectile Dysfunction in Patients with Chronic Prostatitis via Targeting NOS1. *Medical Science Monitor*, **2017**, 23, 929-937	3.2	7
45	Commercialization-Driven Electrodes Design for Lithium Batteries: Basic Guidance, Opportunities, and Perspectives. *Small*, **2021**, 17, e2102233	11	7
44	InVO4-based photocatalysts for energy and environmental applications. *Chemical Engineering Journal*, **2022**, 428, 131145	14.7	7
43	Nanotubes: Mechanical Force-Driven Growth of Elongated Bending TiO2-based Nanotubular Materials for Ultrafast Rechargeable Lithium Ion Batteries (Adv. Mater. 35/2014). *Advanced Materials*, **2014**, 26, 6046-6046	24	6
42	Bias in Evaluating Erectile Function in Lifelong Premature Ejaculation Patients with the International Index of Erectile Function-5. *Journal of Sexual Medicine*, **2015**, 12, 2061-9	1.1	6
41	Total nephrectomy with nephron-sparing surgery for a giant bilateral renal angiomyolipoma: A case report. *Oncology Letters*, **2015**, 10, 2450-2452	2.6	6
40	The formation of micrometer-long TiO 2 nanotube arrays by anodization of titanium film on conducting glass substrate. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, **2011**, 2, 045002	1.6	6

39	Anacardic acid sensitizes prostate cancer cells to radiation therapy by regulating H2AX expression. *International Journal of Clinical and Experimental Pathology*, **2015**, 8, 15926-32	1.4	6
38	Regulating zinc electroplating chemistry to achieve high energy coaxial fiber Zn ion supercapacitor for self-powered textile-based monitoring system. *Nano Energy*, **2022**, 93, 106893	17.1	6
37	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. *Cell Death and Disease*, **2021**, 12, 188	9.8	6
36	Thermal-Responsive and Fire-Resistant Materials for High-Safety Lithium-Ion Batteries. *Small*, **2021**, 17, e2103679	11	6
35	Anodized Steel: The Most Promising Bifunctional Electrocatalyst for Alkaline Water Electrolysis in Industry. *Advanced Functional Materials*,2202068	15.6	6
34	Progress and perspectives on electrospinning techniques for solid-state lithium batteries		6
33	One-pot solvothermal synthesis of dual-phase titanate/titania Nanoparticles and their adsorption and photocatalytic Performances. *Journal of Solid State Chemistry*, **2014**, 214, 67-73	3.3	5
32	Progression of penile cutaneous horn to squamous cell carcinoma: A case report. *Oncology Letters*, **2014**, 8, 1211-1213	2.6	5
31	Ureteral obstruction by prostate cancer leads to spontaneous ureteric rupture: a case report. *International Journal of Clinical and Experimental Medicine*, **2015**, 8, 16842-4		5
30	Nature-inspired materials and designs for flexible lithium-ion batteries		5
29	Li4x/3Co2⊠xTi1+2x/3O4 spinel solid solutions: order and disorder phase transition, cations distribution and adjustable microwave dielectric properties. *RSC Advances*, **2017**, 7, 51670-51677	3.7	4
28	Nanostructures: Highly Stretchable Gold Nanobelts with Sinusoidal Structures for Recording Electrocorticograms (Adv. Mater. 20/2015). *Advanced Materials*, **2015**, 27, 3219-3219	24	4
27	Paratesticular solitary fibrous tumor: a case report and review of literature. *International Journal of Clinical and Experimental Pathology*, **2015**, 8, 3358-61	1.4	4
26	Fabrication and Characterization for Transparent Electrodes of TiO2 Nanotube Arrays on Fluorine-Doped Tin Oxide-Coated Glass. *Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica*, **2008**, 24, 1120-1126	3.8	4
25	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*,1	7.1	3
24	Membrane trafficking and exocytosis are upregulated in port wine stain blood vessels. *Histology and Histopathology*, **2019**, 34, 479-490	1.4	3
23	Tailoring quasi-2D perovskite thin films via nanocrystals mediation for enhanced electroluminescence. *Chemical Engineering Journal*, **2021**, 411, 128511	14.7	3
22	Quaternary-metal phosphide as electrocatalyst for efficient hydrogen evolution reaction in alkaline solution. *International Journal of Hydrogen Energy*, **2021**, 46, 18878-18886	6.7	3

21	Sorption of Eu (III) onto Nano-Sized H-Titanates of Different Structures. *Applied Sciences (Switzerland)*, **2019**, 9, 697	2.6	2
20	An invasive mole with bilateral kidney metastases: A case report. *Oncology Letters*, **2015**, 10, 3407-3410	2.6	2
19	Hygroscopic chemistry enables fire-tolerant supercapacitors with a self-healable "solute-in-air" electrolyte.. *Advanced Materials*, **2022**, e2109857	24	2
18	Corrosion engineering boosting bulk Fe50Mn30Co10Cr10 high-entropy alloy as high-efficient alkaline oxygen evolution reaction electrocatalyst. *Journal of Materials Science and Technology*, **2021**, 109, 267-267	9.1	2
17	Oxygen Evolution Reaction: Surface Reconstruction and Phase Transition on Vanadium‐Cobalt‐Iron Trimetal Nitrides to Form Active Oxyhydroxide for Enhanced Electrocatalytic Water Oxidation (Adv. Energy Mater. 45/2020). *Advanced Energy Materials*, **2020**, 10, 2070184	21.8	2
16	A "Seawater-in-Sludge" approach for capacitive biochar production via the alkaline and alkaline earth metals activation. *Frontiers of Environmental Science and Engineering*, **2021**, 15, 1	5.8	2
15	Knockdown of miR-423-5p simultaneously upgrades the eNOS and VEGFa pathways in ADSCs and improves erectile function in diabetic rats. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 9796-9804	5.6	2
14	In Operando Neutron Scattering Multiple-Scale Studies of Lithium-Ion Batteries.. *Small*, **2022**, e2107491	11	2
13	Elementary models of the "flux driven anti-ripening" during nanobelt growth. *Physical Chemistry Chemical Physics*, **2020**, 22, 9740-9748	3.6	1
12	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	11	1
11	In vitro exposure to metformin activates human spermatozoa at therapeutically relevant concentrations. *Andrology*, **2020**, 8, 663-670	4.2	1
10	Hollow Nanostructures: Efficient Ag@AgCl Cubic Cage Photocatalysts Profit from Ultrafast Plasmon-Induced Electron Transfer Processes (Adv. Funct. Mater. 23/2013). *Advanced Functional Materials*, **2013**, 23, 2902-2902	15.6	1
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