Fuqiang Huang

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/4328375/fuqiang-huang-publications-by-year.pdf
Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

273 papers	11,921 citations	53 h-index	103 g-index
304 ext. papers	14,206 ext. citations	9.5 avg, IF	6.72 L-index

#	Paper	IF	Citations
273	Assembling Iron Oxide Nanoparticles into Aggregates by LiPO: A Universal Strategy Inspired by Frogspawn for Robust Li-Storage.. *ACS Nano*, **2022**,	16.7	3
272	Quasi-Zero-Strain TiO2 as an Ultra-Long-Life Anode for Li-Ion Batteries. *ACS Applied Energy Materials*, **2022**, 5, 1305-1312	6.1	0
271	Tendentious multiple sites occupation towards white light emission in single-phase Ba2(1-/3)Ca(1-/3)Sr B2Si4O14:Eu2+ phosphors. *Journal of Solid State Chemistry*, **2022**, 309, 122963	3.3	1
270	Deep learning for depression recognition with audiovisual cues: A review. *Information Fusion*, **2022**, 80, 56-86	16.7	7
269	Infrared nonlinear optical sulfide CsCd4In5S12 exhibiting large second harmonic generation response. *Journal of Materials Chemistry C*, **2022**, 10, 5183-5189	7.1	2
268	Amorphous Lithium-Phosphate-Encapsulated Fe2O3 as a High-Rate and Long-Life Anode for Lithium-Ion Batteries. *ACS Applied Energy Materials*, **2022**, 5, 3463-3470	6.1	2
267	Quasi-1D van der Waals Antiferromagnet CrZr Te with Large In-plane Anisotropic Negative Magnetoresistance.. *Advanced Materials*, **2022**, e2200145	24	0
266	A Conjugated Polyimide-Based High-Performance Aqueous Potassium-Ion Asymmetric Supercapacitor.. *Macromolecular Rapid Communications*, **2022**, e2200040	4.8	3
265	Nano gold coupled black titania composites with enhanced surface plasma properties for efficient photocatalytic alkyne reduction. *Applied Catalysis B: Environmental*, **2022**, 309, 121222	21.8	2
264	One-Step Construction of Ordered Sulfur-Terminated Tantalum Carbide MXene for Efficient Overall Water Splitting. *Small Structures*, **2022**, 3, 2100206	8.7	6
263	Tailoring Ultrafast and High-Capacity Sodium Storage via a Binding Energy-Driven Atomic Scissor.. *Advanced Materials*, **2022**, e2200863	24	4
262	Thermochromic Cs AgBiBr Single Crystal with Decreased Band Gap through Order-Disorder Transition.. *Small*, **2022**, e2201943	11	3
261	Signatures of Spin Orbit Coupling and Charge Localization in CrIr2Sn10: A Scanning Tunneling Microscopic Study. *Journal of Physical Chemistry C*, **2022**, 126, 9117-9122	3.8	
260	Record-High Superconductivity in Transition Metal Dichalcogenides Emerged in Compressed 2H-TaS.. *Advanced Materials*, **2021**, e2103168	24	5
259	Engineering Metallic Heterostructure Based on Ni N and 2M-MoS for Alkaline Water Electrolysis with Industry-Compatible Current Density and Stability.. *Advanced Materials*, **2021**, e2108505	24	16
258	Utilization of Interfacial Charge Storage toward Ultra-high Capacity: LiSO Sealed Micron Sized Iron Oxides as Anode for Lithium Batteries. *ACS Applied Materials & Interfaces*, **2021**,	9.5	3
257	Effect of Strong Intermolecular Interaction in 2D Inorganic Molecular Crystals. *Journal of the American Chemical Society*, **2021**, 143, 20192-20201	16.4	3

256	Two-Dimensional Silver Cyanamide Nanocrystals toward CO2 Reduction. *ACS Applied Nano Materials*, **2021**, 4, 12506-12513	5.6	
255	A comparative overview of carbon anodes for nonaqueous alkali metal-ion batteries. *Journal of Materials Chemistry A*, **2021**, 9, 27140-27169	13	1
254	Micrometer-Sized, Dual-Conductive MoO /MoO Mosaics for High Volumetric Capacity Li/Na-Ion Batteries.. *Small Methods*, **2021**, 5, e2100765	12.8	4
253	Quasi-Double-Layer Solid Electrolyte with Adjustable Interphases Enabling High-Voltage Solid-State Batteries. *Advanced Materials*, **2021**, e2107183	24	8
252	Realizing the Excellent HER Performance of PtPbS by d-Orbital Electronic Modulation. *Inorganic Chemistry*, **2021**, 60, 16538-16543	5.1	0
251	A New Superconducting 3R-WS Phase at High Pressure. *Journal of Physical Chemistry Letters*, **2021**, 12, 3321-3327	6.4	2
250	Modulation of the Electronic Structure of IrSe2 by Filling the Bi Atom as a Bifunctional Electrocatalyst for pH Universal Water Splitting. *Advanced Energy and Sustainability Research*, **2021**, 2, 2000074	1.6	1
249	Observation of topological superconductivity in a stoichiometric transition metal dichalcogenide 2M-WS. *Nature Communications*, **2021**, 12, 2874	17.4	2
248	Layered Structure Na2Ti3O7 as a Promising Anode Material for Sodium-Ion Batteries. *Advanced Energy and Sustainability Research*, **2021**, 2, 2000095	1.6	1
247	2D NbOI : A Chiral Semiconductor with Highly In-Plane Anisotropic Electrical and Optical Properties. *Advanced Materials*, **2021**, 33, e2101505	24	15
246	Intrinsic Electron Localization of Metastable MoS Boosts Electrocatalytic Nitrogen Reduction to Ammonia. *Advanced Materials*, **2021**, 33, e2007509	24	22
245	Revisit Electrolyte Chemistry of Hard Carbon in Ether for Na Storage. *Jacs Au*, **2021**, 1, 1208-1216		2
244	Suppression of the superconducting transition temperature in Se-doping 2´M WS2. *Journal of Physics and Chemistry of Solids*, **2021**, 149, 109789	3.9	2
243	Flexible yet Robust Framework of Tin(II) Oxide Carbodiimide for Reversible Lithium Storage. *Chemistry - A European Journal*, **2021**, 27, 2717-2723	4.8	3
242	Synthesis, crystal and electronic structure of a new ternary parkerite selenide Pt3Pb2Se2. *Journal of Alloys and Compounds*, **2021**, 853, 157092	5.7	2
241	Nitrogen-doped hierarchical few-layered porous carbon for efficient electrochemical energy storage **2021**, 3, 349-359		5
240	Proton-insertion-pseudocapacitance of tungsten bronze tunnel structure enhanced by transition metal ion anchoring. *Nanoscale*, **2021**, 13, 16790-16798	7.7	1
239	P-type doping in 2M-WS for a complete phase diagram. *Dalton Transactions*, **2021**, 50, 3862-3866	4.3	0

238	Tuning Nitrogen Species and Content in Carbon Materials through Constructing Variable Structures for Supercapacitors. *Wuji Cailiao Xuebao/Journal of Inorganic Materials*, **2021**, 36, 766	1	1
237	Interstitial boron-doped mesoporous semiconductor oxides for ultratransparent energy storage. *Nature Communications*, **2021**, 12, 445	17.4	16
236	Tuning Coordination Environments of Dopants through Topochemical Reaction Enables Substantial Enhancement of Luminescence in Mn4+-Doped Perovskite. *Journal of Physical Chemistry C*, **2021**, 125, 4646-4654	3.8	7
235	Research on EDAC Schemes for Memory in Space Applications. *Electronics (Switzerland)*, **2021**, 10, 533	2.6	
234	Metal cyanamides: Open-framework structure and energy conversion/storage applications. *Journal of Energy Chemistry*, **2021**, 61, 347-367	12	0
233	Black phosphorus coupled black titania nanocomposites with enhanced sunlight absorption properties for efficient photocatalytic CO2 reduction. *Applied Catalysis B: Environmental*, **2021**, 295, 120211	21.8	16
232	Atomically dispersed Pd-Ru dual sites in an amorphous matrix towards efficient phenylacetylene semi-hydrogenation. *Chemical Communications*, **2021**, 57, 5670-5673	5.8	0
231	La6Cd0.75Ga2Q11.5Cl2.5 (Q = S and Se): two new nonlinear optical chalcohalides with a large laser-induced damage threshold. *CrystEngComm*, **2021**, 23, 2133-2137	3.3	2
230	Enhancing electrocatalytic water splitting by surface defect engineering in two-dimensional electrocatalysts. *Nanoscale*, **2021**, 13, 1581-1595	7.7	9
229	A new compound PtBiS with superior performance for the hydrogen evolution reaction. *Chemical Communications*, **2021**, 57, 7946-7949	5.8	3
228	Hard Carbon Microsphere with Expanded Graphitic Interlayers Derived from a Highly Branched Polymer Network as Ultrahigh Performance Anode for Practical Sodium-Ion Batteries.. *ACS Applied Materials & Interfaces*, **2021**, 13, 61180-61188	9.5	2
227	Calcium-Assisted In Situ Formation of Perovskite Nanocrystals for Luminescent Green and Blue Emitters. *ACS Applied Nano Materials*, **2021**, 4, 14303-14311	5.6	1
226	Sr4Pb1.5Sb5O5Se8: a new mid-infrared nonlinear optical material with a moderate SHG response. *CrystEngComm*, **2020**, 22, 3526-3530	3.3	10
225	Honeycomb RhI Flakes with High Environmental Stability for Optoelectronics. *Advanced Materials*, **2020**, 32, e2001979	24	18
224	Superconductivity in the Electron-Doped Chevrel Phase Compound MoSTe. *Inorganic Chemistry*, **2020**, 59, 6785-6789	5.1	1
223	Building an artificial solid electrolyte interphase on spinel lithium manganate for high performance aqueous lithium-ion batteries. *Dalton Transactions*, **2020**, 49, 8136-8142	4.3	7
222	Ultralight, Highly Compressible Graphene Cellular Materials with Enhanced Mechanical and Electrical Performance. *ChemNanoMat*, **2020**, 6, 1245-1250	3.5	0
221	Tubular graphene-supported nanoparticulate manganese carbodiimide as a free-standing high-energy and high-rate anode for lithium ion batteries. *Journal of Power Sources*, **2020**, 467, 228252	8.9	5

220	Facile and economical synthesis of nitrogen-rich tantalum nitrides via an ammonia looping process under confined space. *New Journal of Chemistry*, **2020**, 44, 9158-9162	3.6	2
219	Boron-Induced Nitrogen Fixation in 3D Carbon Materials for Supercapacitors. *ACS Applied Materials & Interfaces*, **2020**, 12, 28075-28082	9.5	14
218	Enhanced alkaline hydrogen evolution performance of ruthenium by synergetic doping of cobalt and phosphorus. *Sustainable Energy and Fuels*, **2020**, 4, 4637-4643	5.8	2
217	Enhanced Charge Carrier Lifetime of TiS3 Photoanode by Introduction of S22□Vacancies for Efficient Photoelectrochemical Hydrogen Evolution. *Advanced Functional Materials*, **2020**, 30, 2001286	15.6	8
216	Ultra-Light Graphene Tile-Based Phase-Change Material for Efficient Thermal and Solar Energy Harvest. *ACS Applied Energy Materials*, **2020**, 3, 5517-5522	6.1	13
215	Amorphous phosphated titanium oxide with amino and hydroxyl bifunctional groups for highly efficient heavy metal removal. *Environmental Science: Nano*, **2020**, 7, 1266-1274	7.1	8
214	Intrinsically low thermal conductivity in a p-type semiconductor SrOCuBiSe with a [SrO]-intercalated CuBiSe structure. *Chemical Communications*, **2020**, 56, 4356-4359	5.8	3
213	SrGaOS: A Nonlinear Optical Oxysulfide with Melilite-Derived Structure and Wide Band Gap. *Inorganic Chemistry*, **2020**, 59, 9944-9950	5.1	13
212	NbSeC: a new compound as a combination of transition metal dichalcogenide and MXene for oxygen evolution reaction. *Chemical Communications*, **2020**, 56, 9036-9039	5.8	4
211	K(HO)MoS as a universal host for rechargeable aqueous cation (K, Na, Li, NH, Mg, Al) batteries. *Dalton Transactions*, **2020**, 49, 3488-3494	4.3	14
210	Pyrochlore phase Ce2Sn2O7via an atom-confining strategy for reversible lithium storage. *Journal of Materials Chemistry A*, **2020**, 8, 5744-5749	13	5
209	CoN loaded N-doped carbon as an efficient bifunctional oxygen electrocatalyst for a Zn-air battery. *Nanoscale*, **2020**, 12, 6089-6095	7.7	19
208	SiO2 stabilizes electrochemically active nitrogen in few-layer carbon electrodes of extraordinary capacitance. *Journal of Energy Chemistry*, **2020**, 49, 179-188	12	5
207	Spherical Sacrificial ZnO Template□Derived Hybrid Ni/Co3O4 Cubes as Efficient Bifunctional Electrocatalyst for Overall Water Splitting. *Energy Technology*, **2020**, 8, 1901310	3.5	5
206	Renewable P-type zeolite for superior absorption of heavy metals: Isotherms, kinetics, and mechanism. *Science of the Total Environment*, **2020**, 726, 138535	10.2	19
205	Nitrogen-doped black titania for high performance supercapacitors. *Science China Materials*, **2020**, 63, 1227-1234	7.1	8
204	One-Step High-Temperature-Synthesized Single-Atom Platinum Catalyst for Efficient Selective Hydrogenation. *Research*, **2020**, 2020, 9140841	7.8	13
203	One-step synthesis of nitrogen-rich Mo2C1□Nx solid solution with enhanced superconductivity. *Journal of Materials Chemistry C*, **2020**, 8, 2682-2686	7.1	2

202	Nitrogen doped hierarchical porous hard carbon derived from a facial Ti-peroxy-initiating in-situ polymerization and its application in electrochemical capacitors. *Microporous and Mesoporous Materials*, **2020**, 294, 109884	5.3	6
201	Optimization of synthesis parameters and pressure effect for layered honeycomb ruthenate SrRu2O6. *Journal of Alloys and Compounds*, **2020**, 816, 152672	5.7	2
200	ZnO-Templated Selenized and Phosphorized Cobalt-Nickel Oxide Microcubes as Rapid Alkaline Water Oxidation Electrocatalysts. *Chemistry - A European Journal*, **2020**, 26, 1306-1313	4.8	
199	Constructing mesoporous phosphated titanium oxide for efficient Cr(III) removal. *Journal of Hazardous Materials*, **2020**, 384, 121278	12.8	14
198	Ruthenium-Doped Cobalt-Chromium Layered Double Hydroxides for Enhancing Oxygen Evolution through Regulating Charge Transfer. *Small*, **2020**, 16, e1905328	11	37
197	Niobium dioxide prepared by a novel La-reduced route as a promising catalyst support for Pd towards the oxygen reduction reaction. *Dalton Transactions*, **2020**, 49, 1398-1402	4.3	5
196	Sulfur-terminated tin oxides for durable, highly reversible storage of large-capacity lithium. *Journal of Materials Chemistry A*, **2020**, 8, 626-631	13	4
195	Dehalogenation on the surface of nano-templates: A rational route to tailor halogenated polymer-derived soft carbon. *Carbon*, **2020**, 159, 221-228	10.4	9
194	A reverse slipping strategy for bulk-reduced TiO2□ preparation from Magnéli phase Ti4O7. *Inorganic Chemistry Frontiers*, **2020**, 7, 212-220	6.8	1
193	Orthorhombic NbO for Durable High-Rate Anode of Li-Ion Batteries. *IScience*, **2020**, 23, 100767	6.1	21
192	Cu-dispersed cobalt oxides as high volumetric capacity anode materials for Li-ion storage. *Energy Storage Materials*, **2020**, 27, 453-458	19.4	8
191	Conductive Black Titania Nanomaterials for Efficient Photocatalytic Degradation of Organic Pollutants. *Catalysis Letters*, **2020**, 150, 1346-1354	2.8	10
190	Oxygen-enriched tubular carbon for efficient solar steam generation. *Carbon*, **2020**, 170, 256-263	10.4	11
189	Recent progress and perspectives of defective oxide anode materials for advanced lithium ion battery. *EnergyChem*, **2020**, 2, 100045	36.9	24
188	A rationally designed 3D interconnected porous tin dioxide cube with reserved space for volume expansion as an advanced anode of lithium-ion batteries. *Chemical Communications*, **2020**, 56, 10289-10292	5.8	4
187	Nitrogen-Rich Hierarchical Porous Carbon Prepared by Sol-Gel Assisted Inorganic Template Methods for Supercapacitors. *Batteries and Supercaps*, **2020**, 3, 1165-1171	5.6	4
186	Nodeless superconducting gap in the topological superconductor candidate 2M□WS2. *Physical Review B*, **2020**, 102,	3.3	2
185	Large magnetoresistance in the monoclinic 2M WSe2. *Europhysics Letters*, **2020**, 131, 10005	1.6	1

184	Introducing sulfur vacancies and in-plane SnS2/SnO2 heterojunction in SnS2 nanosheets to promote photocatalytic activity. *Chinese Chemical Letters*, **2020**, 31, 2809-2813	8.1	13
183	A novel two-dimensional oxysulfide Sr3.5Pb2.5Sb6O5S10: synthesis, crystal structure, and photoelectric properties. *Journal of Materials Chemistry C*, **2020**, 8, 11018-11021	7.1	1
182	Synthesis, crystal structure, and magnetic properties of layered SmCrS2−xSexO solid solutions. *Inorganic Chemistry Frontiers*, **2020**, 7, 3980-3986	6.8	1
181	Twisted 1T TaS bilayers by lithiation exfoliation. *Nanoscale*, **2020**, 12, 18031-18038	7.7	1
180	Nature-derived, structure and function integrated ultra-thick carbon electrode for high-performance supercapacitors. *Journal of Materials Chemistry A*, **2020**, 8, 20072-20081	13	17
179	Surface decoration accelerates the hydrogen evolution kinetics of a perovskite oxide in alkaline solution. *Energy and Environmental Science*, **2020**, 13, 4249-4257	35.4	16
178	Constructing porous TiO crystals by an etching process for long-life lithium ion batteries. *Nanoscale* , **2020**, 12, 18429-18436	7.7	3
177	Research on Hex Programmable Interconnect Points Test in Island-Style FPGA. *Electronics (Switzerland)*, **2020**, 9, 2177	2.6	2
176	Boron and Nitrogen Co-Doped Trimodal-Porous Wood-Derived Carbon for Boosting Capacitive Performance. *Energy Technology*, **2020**, 8, 1900950	3.5	15
175	Hierarchically porous hard carbon with graphite nanocrystals for high-rate sodium ion batteries with improved initial Coulombic efficiency. *Journal of Alloys and Compounds*, **2020**, 817, 152703	5.7	12
174	Controllable Conversion of CdNCN Nanoparticles into Various Chalcogenide Nanostructures for Photo-driven Applications. *Chemistry - A European Journal*, **2020**, 26, 7955-7960	4.8	2
173	Constructing Hierarchical Porous Carbon of High-Performance Capacitance through a Two-Step Nitrogen-Fixation Method. *Energy Technology*, **2020**, 8, 2000107	3.5	2
172	Synthesis, crystal structures and optical properties of noncentrosymmetric oxysulfides AeGeSO (Ae = Sr, Ba). *Dalton Transactions*, **2019**, 48, 14662-14668	4.3	16
171	Nickel nitride□black phosphorus heterostructure nanosheets for boosting the electrocatalytic activity towards the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2019**, 7, 22063-22069	13	41
170	Effective incorporation of nitrogen and boron in worm-like carbon foam for confining polysulfides. *Carbon*, **2019**, 155, 379-385	10.4	8
169	Design of Doppler parameters estimation circuit. *IET Circuits, Devices and Systems*, **2019**, 13, 565-570	1.1	1
168	K[BiMnS], Design of a Highly Selective Ion Exchange Material and Direct Gap 2D Semiconductor. *Journal of the American Chemical Society*, **2019**, 141, 16903-16914	16.4	16
167	Synthesis of Co2P nanoparticles decorated nitrogen, phosphorus Co-doped Carbon-CeO2 composites for highly efficient oxygen reduction. *Journal of Alloys and Compounds*, **2019**, 801, 192-198	5.7	9

166	A bridge between battery and supercapacitor for power/energy gap by using dual redox-active ions electrolyte. *Chemical Engineering Journal*, **2019**, 375, 122054	14.7	15
165	Synthesis, Crystal Structure, and Physical Properties of Layered CrSeO (= Ce-Nd). *Inorganic Chemistry*, **2019**, 58, 9482-9489	5.1	3
164	Implementation of ARINC 659 Bus Controller for Space-Borne Computers. *Electronics (Switzerland)*, **2019**, 8, 435	2.6	1
163	Discovery of Superconductivity in 2M WS with Possible Topological Surface States. *Advanced Materials*, **2019**, 31, e1901942	24	44
162	Novel Black BiVO4/TiO2 Photoanode with Enhanced Photon Absorption and Charge Separation for Efficient and Stable Solar Water Splitting. *Advanced Energy Materials*, **2019**, 9, 1901287	21.8	92
161	Toward large-scale water treatment using nanomaterials. *Nano Today*, **2019**, 27, 11-27	17.9	48
160	Sol-gel assisted chemical activation for nitrogen doped porous carbon. *Microporous and Mesoporous Materials*, **2019**, 286, 18-24	5.3	12
159	Atomic Pillar Effect in PdxNbS2 To Boost Basal Plane Activity for Stable Hydrogen Evolution. *Chemistry of Materials*, **2019**, 31, 4726-4731	9.6	21
158	In Situ Synthesis of MoC Nanodot@Carbon Hybrids for Capacitive Lithium-Ion Storage. *ACS Applied Materials & Interfaces*, **2019**, 11, 19977-19985	9.5	9
157	Reconfigurable missile-borne SAR imaging SoC design. *IET Radar, Sonar and Navigation*, **2019**, 13, 776-780	1.4	0
156	Complexing-Coprecipitation Method to Synthesize Catalysts of Cobalt, Nitrogen-Doped Carbon, and CeO2 Nanosheets for Highly Efficient Oxygen Reduction. *ChemNanoMat*, **2019**, 5, 831-837	3.5	7
155	Porous NiCo2S4/Co9S8 Microcubes Templated by Sacrificial ZnO Spheres as an Efficient Bifunctional Oxygen Electrocatalyst. *Advanced Sustainable Systems*, **2019**, 3, 1800167	5.9	13
154	Crystal structure design and multiband physical properties of quaternary sulfide BaBiCoS for optoelectronic conversion. *Chemical Communications*, **2019**, 55, 4809-4812	5.8	2
153	Boosting the Stable Na Storage Performance in 1D Oxysulfide. *Advanced Energy Materials*, **2019**, 9, 1900178	21.8	12
152	Sr6Cd2Sb6O7S10: Strong SHG Response Activated by Highly Polarizable Sb/O/S Groups. *Angewandte Chemie*, **2019**, 131, 8162-8165	3.6	10
151	Sr Cd Sb O S : Strong SHG Response Activated by Highly Polarizable Sb/O/S Groups. *Angewandte Chemie - International Edition*, **2019**, 58, 8078-8081	16.4	56
150	Suppression of graphene nucleation by plasma treatment of Cu foil for the rapid growth of large-size single-crystal graphene. *Carbon*, **2019**, 147, 51-57	10.4	18
149	Rapid growth of large-area single-crystal graphene film by seamless stitching using resolidified copper foil on a molybdenum substrate. *Journal of Materials Chemistry A*, **2019**, 7, 18373-18379	13	7

148	Evidence of anisotropic Majorana bound states in 2M-WS2. *Nature Physics*, **2019**, 15, 1046-1051	16.2	44
147	Gate-Tunable Electrical Transport in Thin 2M-WS2 Flakes. *Advanced Electronic Materials*, **2019**, 5, 1900462	6.4	10
146	Efficient conversion of CO2 to methane using thin-layer SiOx matrix anchored nickel catalysts. *New Journal of Chemistry*, **2019**, 43, 13217-13224	3.6	8
145	Observation of superconductivity in pressurized 2M WSe2 crystals. *Journal of Materials Chemistry C*, **2019**, 7, 8551-8555	7.1	12
144	Synthesis, crystal structures and physical properties of A(H2O) MoS2 (A´=´K, Rb, Cs). *Journal of Solid State Chemistry*, **2019**, 279, 120937	3.3	4
143	Robust Anion Exchange Realized in Crystalline Metal Cyanamide Nanoparticles. *Chemistry of Materials*, **2019**, 31, 9532-9539	9.6	10
142	Crystal structure and electrical resistance property of Rb(HO) WS. *Acta Crystallographica Section E: Crystallographic Communications*, **2019**, 75, 976-979	0.7	1
141	Highly efficient design of SDRAM-based CTM for real-time SAR imaging system. *IET Circuits, Devices and Systems*, **2019**, 13, 656-660	1.1	0
140	From CuFeS to BaCuFeGeS: rational band gap engineering achieves large second-harmonic-generation together with high laser damage threshold. *Chemical Communications*, **2019**, 55, 14510-14513	5.8	13
139	Synthesis, Crystal Structure, and Excellent Selective Pb2+ Ion Adsorption of New Layered Compound (NH4)In3(SO4)2(OH)6. *European Journal of Inorganic Chemistry*, **2019**, 2019, 5000-5007	2.3	3
138	K(HO) WS: a new layered compound for reversible hydrated potassium ion intercalation in aqueous electrolyte.. *RSC Advances*, **2019**, 9, 32323-32327	3.7	3
137	Enhanced Photoelectric SrOCuSbS of a [SrO]-Intercalated CuSbS Structure. *Inorganic Chemistry*, **2019**, 58, 69-72	5.1	6
136	Cooperative Catalysis of Nickel and Nickel Oxide for Efficient Reduction of CO2 to CH4. *ChemCatChem*, **2019**, 11, 1295-1302	5.2	14
135	Structural Determination and Nonlinear Optical Properties of New 1T?-Type MoS Compound. *Journal of the American Chemical Society*, **2019**, 141, 790-793	16.4	51
134	Enhanced specific capacitance by a new dual redox-active electrolyte in activated carbon-based supercapacitors. *Carbon*, **2019**, 143, 300-308	10.4	69
133	A Facile Approach To Improve Electrochemical Capacitance of Carbons by in Situ Electrochemical Oxidation. *ACS Applied Materials & Interfaces*, **2019**, 11, 5999-6008	9.5	4
132	Synthesis, structure, magnetic and optoelectric properties of layered NaM0.5Sn0.5S2 (M= Mn, Fe). *Journal of Alloys and Compounds*, **2018**, 746, 328-334	5.7	1
131	Metastable MoS : Crystal Structure, Electronic Band Structure, Synthetic Approach and Intriguing Physical Properties. *Chemistry - A European Journal*, **2018**, 24, 15942-15954	4.8	67

130	Self-templated synthesis of heavily nitrogen-doped hollow carbon spheres. *Chemical Communications*, **2018**, 54, 4565-4568	5.8	9
129	Well-Dispersed Ruthenium in Mesoporous Crystal TiO as an Advanced Electrocatalyst for Hydrogen Evolution Reaction. *Journal of the American Chemical Society*, **2018**, 140, 5719-5727	16.4	152
128	Constructing hierarchical porous carbon via tin punching for efficient electrochemical energy storage. *Carbon*, **2018**, 134, 391-397	10.4	14
127	Oxygen Evolution Activity of Co-Ni Nanochain Alloys: Promotion by Electron Injection. *Chemistry - A European Journal*, **2018**, 24, 3707-3711	4.8	5
126	Silver cyanamide nanoparticles decorated ultrathin graphitic carbon nitride nanosheets for enhanced visible-light-driven photocatalysis. *Catalysis Science and Technology*, **2018**, 8, 1447-1453	5.5	13
125	Tunable Synthesis of Colorful Nitrogen-Doped Titanium Oxide and Its Application in Energy Storage. *ACS Applied Energy Materials*, **2018**, 1, 876-882	6.1	16
124	Efficient Reduction of CO to CO Using Cobalt-Cobalt Oxide Core-Shell Catalysts. *Chemistry - A European Journal*, **2018**, 24, 2157-2163	4.8	36
123	Hydrogenated Blue Titania for Efficient Solar to Chemical Conversions: Preparation, Characterization, and Reaction Mechanism of CO2 Reduction. *ACS Catalysis*, **2018**, 8, 1009-1017	13.1	164
122	Nano Titanium Monoxide Crystals and Unusual Superconductivity at 11 K. *Advanced Materials*, **2018**, 30, 1706240	24	32
121	Nonaqueous synthesis of metal cyanamide semiconductor nanocrystals for photocatalytic water oxidation. *Chemical Communications*, **2018**, 54, 1575-1578	5.8	13
120	Facile Synthesis of Nitrogen and Halogen Dual-Doped Porous Graphene as an Advanced Performance Anode for Lithium-Ion Batteries. *Advanced Materials Interfaces*, **2018**, 5, 1701261	4.6	15
119	Observation of High Capacitance from Molecular Gd@C82 in Aqueous Electrolyte Derived from Energy-Level Matching with Proton. *Advanced Materials Interfaces*, **2018**, 5, 1800240	4.6	3
118	Surface confined titania redox couple for ultrafast energy storage. *Materials Horizons*, **2018**, 5, 691-698	14.4	14
117	Hierarchical Hollow Microspheres Constructed by Carbon Skeleton Supported TiO2 Few-Layer Nanosheets Enable High Rate Capability and Excellent Cycling Stability for Lithium Storage. *ACS Applied Energy Materials*, **2018**, 1, 3134-3142	6.1	6
116	Highly Conductive Cable-Like Bicomponent Titania Photoanode Approaching Limitation of Electron and Hole Collection. *Advanced Functional Materials*, **2018**, 28, 1803328	15.6	7
115	Syntheses, crystal structures and magnetic properties of two new chromium chalcogenides Cr(en)3SbSe4 and Cr(en)2AsSe3. *Journal of Alloys and Compounds*, **2018**, 768, 970-977	5.7	0
114	Synthesis, Crystal Structure, and Optical Properties of Noncentrosymmetric NaZnSnS. *Inorganic Chemistry*, **2018**, 57, 9918-9924	5.1	17
113	Boron Embedded in Metal Iron Matrix as a Novel Anode Material of Excellent Performance. *Advanced Materials*, **2018**, 30, e1801409	24	20

112	2H-NbS film as a novel counter electrode for meso-structured perovskite solar cells. *Scientific Reports*, **2018**, 8, 7033	4.9	9
111	Observation of High Seebeck Coefficient and Low Thermal Conductivity in [SrO]-Intercalated CuSbSe2 Compound. *Chemistry of Materials*, **2018**, 30, 5539-5543	9.6	13
110	Enhancement of Solar Energy Absorption and Optoelectronic Properties of SrCuSbS3 by Lead Doping. *Solar Rrl*, **2018**, 2, 1800021	7.1	5
109	Efficient Photocatalytic Reduction of CO2 Using Carbon-Doped Amorphous Titanium Oxide. *ChemCatChem*, **2018**, 10, 3854-3861	5.2	25
108	Structure Re-determination and Superconductivity Observation of Bulk 1T MoS2. *Angewandte Chemie*, **2018**, 130, 1246-1249	3.6	33
107	Structure Re-determination and Superconductivity Observation of Bulk 1T MoS. *Angewandte Chemie - International Edition*, **2018**, 57, 1232-1235	16.4	88
106	Extraordinary Porous Few-Layer Carbons of High Capacitance from Pechini Combustion of Magnesium Nitrate Gel. *ACS Applied Materials & Interfaces*, **2018**, 10, 381-388	9.5	9
105	Doped, conductive SiO nanoparticles for large microwave absorption. *Light: Science and Applications*, **2018**, 7, 87	16.7	68
104	Superconductivity in the metastable 1T? and 1T?? phases of MoS2 crystals. *Physical Review B*, **2018**, 98,	3.3	21
103	"Electron-Sharing" Mechanism Promotes Co@CoO/CNTs Composite as the High-Capacity Anode Material of Lithium-Ion Battery. *ACS Applied Materials & Interfaces*, **2018**, 10, 43641-43649	9.5	31
102	Unusual evolution of Bc2 and Tc with inclined fields in restacked TaS2 nanosheets. *Npj Quantum Materials*, **2018**, 3,	5	6
101	Copper nanodot-embedded graphene urchins of nearly full-spectrum solar absorption and extraordinary solar desalination. *Nano Energy*, **2018**, 53, 425-431	17.1	62
100	Efficient Co@CoPx core□shell nanochains catalyst for the oxygen evolution reaction. *Inorganic Chemistry Frontiers*, **2018**, 5, 1844-1848	6.8	7
99	Capacitive lithium storage of lithiated mesoporous titania. *Materials Today Energy*, **2018**, 9, 240-246	7	10
98	Monodisperse Pt nanoparticles anchored on N-doped black TiO2 as high performance bifunctional electrocatalyst. *Journal of Alloys and Compounds*, **2017**, 701, 669-675	5.7	17
97	In Situ Growth Enabling Ideal Graphene Encapsulation upon Mesocrystalline MTiO3 (M = Ni, Co, Fe) Nanorods for Stable Lithium Storage. *ACS Energy Letters*, **2017**, 2, 659-663	20.1	32
96	A Robust and Conductive Black Tin Oxide Nanostructure Makes Efficient Lithium-Ion Batteries Possible. *Advanced Materials*, **2017**, 29, 1700136	24	173
95	Controlled Phase Evolution from Co Nanochains to CoO Nanocubes and Their Application as OER Catalysts. *ACS Energy Letters*, **2017**, 2, 1208-1213	20.1	73

94	Conductive Carbon Nitride for Excellent Energy Storage. *Advanced Materials*, **2017**, 29, 1701674	24	112
93	High-quality single-layer nanosheets of MS2 (M = Mo, Nb, Ta, Ti) directly exfoliated from AMS2 (A = Li, Na, K) crystals. *Journal of Materials Chemistry C*, **2017**, 5, 5977-5983	7.1	23
92	Tunable synthesis of Fe-Ge alloy confined in oxide matrix and its application for energy storage. *Journal of Power Sources*, **2017**, 360, 124-128	8.9	14
91	Nitrogen and oxygen dual-doped carbon nanohorn for electrochemical capacitors. *Carbon*, **2017**, 118, 511-516	10.4	40
90	Enhanced Superconductivity in Restacked TaS Nanosheets. *Journal of the American Chemical Society* , **2017**, 139, 4623-4626	16.4	62
89	Enhanced Superconductivity in Rock-Salt TiO. *ACS Omega*, **2017**, 2, 1036-1039	3.9	21
88	Controllable reduced black titania with enhanced photoelectrochemical water splitting performance. *Dalton Transactions*, **2017**, 46, 1047-1051	4.3	38
87	Atom-scale dispersed palladium in a conductive Pd0.1TaS2 lattice with a unique electronic structure for efficient hydrogen evolution. *Journal of Materials Chemistry A*, **2017**, 5, 22618-22624	13	14
86	Observation of superconductivity in 1T?-MoS2 nanosheets. *Journal of Materials Chemistry C*, **2017**, 5, 10855-10860	7.1	60
85	Efficient Conversion of CO2 to Methane Photocatalyzed by Conductive Black Titania. *ChemCatChem*, **2017**, 9, 4389-4396	5.2	34
84	Synthesis, crystal structure and optical properties of K2Cu2GeS4. *Journal of Alloys and Compounds*, **2017**, 725, 557-562	5.7	6
83	Prominent Electron Penetration through Ultrathin Graphene Layer from FeNi Alloy for Efficient Reduction of CO to CO. *ChemSusChem*, **2017**, 10, 3044-3048	8.3	14
82	Variable texture few-layer ordered macroporous carbon for high-performance electrochemical capacitors. *Journal of Materials Chemistry A*, **2017**, 5, 25171-25176	13	6
81	A novel ultralight three-dimensional house-of-cards titania monolith for extraordinary heavy-metal adsorption. *Journal of Materials Chemistry A*, **2017**, 5, 15724-15729	13	9
80	Bi3+-doped CH3NH3PbI3: Red-shifting absorption edge and longer charge carrier lifetime. *Journal of Alloys and Compounds*, **2017**, 695, 555-560	5.7	29
79	Facile sol-gel method combined with chemical vapor deposition for mesoporous few-layer carbon. *Carbon*, **2017**, 112, 47-52	10.4	12
78	Graphene-like carbon with three-dimensional periodicity prepared from organic-inorganic templates for energy storage application. *Carbon*, **2017**, 111, 128-132	10.4	13
77	Atomic-Sized Pores Enhanced Electrocatalysis of TaS Nanosheets for Hydrogen Evolution. *Advanced Materials*, **2016**, 28, 8945-8949	24	121

76	Black rutile (Sn, Ti)O2 initializing electrochemically reversible Sn nanodots embedded in amorphous lithiated titania matrix for efficient lithium storage. *Journal of Materials Chemistry A*, **2016**, 4, 15698-15704	13	28
75	Semiconductive KMSbS(SH) (M = Zn, Cd) Featuring One-Dimensional [MSbS(SH)] Chains. *Inorganic Chemistry*, **2016**, 55, 9742-9747	5.1	14
74	Hydrogen plasma reduced black TiO2B nanowires for enhanced photoelectrochemical water-splitting. *Journal of Power Sources*, **2016**, 325, 697-705	8.9	46
73	Direct synthesis of ethanol via CO hydrogenation using supported gold catalysts. *Chemical Communications*, **2016**, 52, 14226-14229	5.8	43
72	Constructing Black Titania with Unique Nanocage Structure for Solar Desalination. *ACS Applied Materials & Interfaces*, **2016**, 8, 31716-31721	9.5	210
71	Rational design of cobalt□chromium layered double hydroxide as a highly efficient electrocatalyst for water oxidation. *Journal of Materials Chemistry A*, **2016**, 4, 11292-11298	13	116
70	New Graphene Form of Nanoporous Monolith for Excellent Energy Storage. *Nano Letters*, **2016**, 16, 349-54	11.5	86
69	Synthesis, crystal structure, electronic structure, and photoelectric response properties of KCu2SbS3. *Dalton Transactions*, **2016**, 45, 3473-9	4.3	25
68	Nickel catalyst stabilization via graphene encapsulation for enhanced methanation reaction. *Journal of Catalysis*, **2016**, 334, 42-51	7.3	68
67	Hydrogenated blue titania with high solar absorption and greatly improved photocatalysis. *Nanoscale*, **2016**, 8, 4705-12	7.7	74
66	Gray Ta2O5 Nanowires with Greatly Enhanced Photocatalytic Performance. *ACS Applied Materials & Interfaces*, **2016**, 8, 122-7	9.5	53
65	Progress in Black Titania: A New Material for Advanced Photocatalysis. *Advanced Energy Materials*, **2016**, 6, 1600452	21.8	193
64	Solvothermal synthesis, structure and physical properties of Cs[Cr(en)2MSe4] (M = Ge, Sn) with [MSe4](4-) tetrahedra as chelating ligand. *Dalton Transactions*, **2016**, 45, 9097-102	4.3	6
63	An electron injection promoted highly efficient electrocatalyst of FeNi3@GR@Fe-NiOOH for oxygen evolution and rechargeable metal□air batteries. *Journal of Materials Chemistry A*, **2016**, 4, 7762-7771	13	55
62	Efficient catalyst of defective CeO2□ and few-layer carbon hybrid for oxygen reduction reaction. *Journal of Alloys and Compounds*, **2016**, 688, 613-618	5.7	30
61	Ti-Promoted High Oxygen-Reduction Activity of Pd Nanodots Supported by Black Titania Nanobelts. *ACS Applied Materials & Interfaces*, **2016**, 8, 27654-27660	9.5	37
60	Large-Scale Fabrication of Graphene-like Carbon Nanospheres for Lithium Ion Battery Application. *Electrochimica Acta*, **2016**, 218, 237-242	6.7	6
59	Nodal superconductivity in FeS: Evidence from quasiparticle heat transport. *Physical Review B*, **2016**, 94,	3.3	16

58	Observation of Superconductivity in Tetragonal FeS. *Journal of the American Chemical Society*, **2015**, 137, 10148-51	16.4	134
57	Synthesis, Structure, Multiband Optical, and Electrical Conductive Properties of a 3D Open Cubic Framework Based on [Cu8Sn6S24](z-) Clusters. *Inorganic Chemistry*, **2015**, 54, 5301-8	5.1	24
56	Black nanostructured Nb2O5 with improved solar absorption and enhanced photoelectrochemical water splitting. *Journal of Materials Chemistry A*, **2015**, 3, 11830-11837	13	66
55	Molten salt assisted synthesis of black titania hexagonal nanosheets with tuneable phase composition and morphology. *RSC Advances*, **2015**, 5, 85928-85932	3.7	18
54	Superelastic Few-Layer Carbon Foam Made from Natural Cotton for All-Solid-State Electrochemical Capacitors. *ACS Applied Materials & Interfaces*, **2015**, 7, 25306-12	9.5	17
53	The hierarchical structure of cubic K0.5La0.5TiO3 layers and enhanced photocatalytic hydrogen evolution after surface acidification. *Dalton Transactions*, **2015**, 44, 18665-70	4.3	4
52	Black strontium titanate nanocrystals of enhanced solar absorption for photocatalysis. *CrystEngComm*, **2015**, 17, 7528-7534	3.3	35
51	Coexistence of superconductivity and antiferromagnetism in (Li0.8Fe0.2)OHFeSe. *Nature Materials*, **2015**, 14, 325-9	27	264
50	Synthesis of Highly Stable Graphene-Encapsulated Iron Nanoparticles for Catalytic Syngas Conversion. *Particle and Particle Systems Characterization*, **2015**, 32, 29-34	3.1	27
49	Synthesis, crystal structure and physical properties of [Li0.85Fe0.15OH][FeS]. *RSC Advances*, **2015**, 5, 38248-38253	3.7	16
48	Black Titania for Superior Photocatalytic Hydrogen Production and Photoelectrochemical Water Splitting. *ChemCatChem*, **2015**, 7, 2614-2619	5.2	59
47	A new tubular graphene form of a tetrahedrally connected cellular structure. *Advanced Materials*, **2015**, 27, 5943-9	24	163
46	Synthesis, Crystal Structure, and Photoelectric Properties of a New Layered Bismuth Oxysulfide. *Inorganic Chemistry*, **2015**, 54, 5768-73	5.1	38
45	Nitrogen-doped mesoporous carbon of extraordinary capacitance for electrochemical energy storage. *Science*, **2015**, 350, 1508-13	33.3	1530
44	Organic□inorganic halide perovskite based solar cells □revolutionary progress in photovoltaics. *Inorganic Chemistry Frontiers*, **2015**, 2, 315-335	6.8	55
43	Thermal decomposition of bismuth oxysulfide from photoelectric Bi2O2S to superconducting Bi4O4S3. *ACS Applied Materials & Interfaces*, **2015**, 7, 4442-8	9.5	79
42	Black titanium dioxide (TiO2) nanomaterials. *Chemical Society Reviews*, **2015**, 44, 1861-85	58.5	958
41	Enhanced electron transport in Nb-doped TiO2 nanoparticles via pressure-induced phase transitions. *Journal of the American Chemical Society*, **2014**, 136, 419-26	16.4	139

40	A three-dimensional elastic macroscopic graphene network for thermal management application. *Journal of Materials Chemistry A*, **2014**, 2, 18215-18218	13	26
39	Low temperature synthesis and structures of alkaline earth metal chalcogenides Ba3Cu4SbS6OH, BaCuSbS3 and BaCu2S2. *RSC Advances*, **2014**, 4, 28937	3.7	12
38	Effective nonmetal incorporation in black titania with enhanced solar energy utilization. *Energy and Environmental Science*, **2014**, 7, 967	35.4	317
37	Superconductivity in LiFeO2Fe2Se2 with anti-PbO-type spacer layers. *Physical Review B*, **2014**, 89,	3.3	83
36	Superconductivity and phase diagram of (Li0.8Fe0.2)OHFeSe1⊠Sx. *Physical Review B*, **2014**, 90,	3.3	21
35	Visible-light photocatalytic, solar thermal and photoelectrochemical properties of aluminium-reduced black titania. *Energy and Environmental Science*, **2013**, 6, 3007	35.4	543
34	In situ grown graphene-encapsulated germanium nanowires for superior lithium-ion storage properties. *Journal of Materials Chemistry A*, **2013**, 1, 8897	13	58
33	Black brookite titania with high solar absorption and excellent photocatalytic performance. *Journal of Materials Chemistry A*, **2013**, 1, 9650	13	150
32	Red, green and blue emissions coexistence in white-light-emitting Ca11(SiO4)4(BO3)2:Ce3+,Eu2+,Eu3+ phosphor. *Journal of Materials Chemistry C*, **2013**, 1, 5892	7.1	63
31	Core-shell nanostructured "black" rutile titania as excellent catalyst for hydrogen production enhanced by sulfur doping. *Journal of the American Chemical Society*, **2013**, 135, 17831-8	16.4	370
30	Highly conductive and flexible paper of 1D silver-nanowire-doped graphene. *ACS Applied Materials & Interfaces*, **2013**, 5, 1408-13	9.5	136
29	Highly Conductive Porous Graphene/Ceramic Composites for Heat Transfer and Thermal Energy Storage. *Advanced Functional Materials*, **2013**, 23, 2263-2269	15.6	240
28	Controllable synthesis of silver cyanamide as a new semiconductor photocatalyst under visible-light irradiation. *Journal of Materials Chemistry A*, **2013**, 1, 7942	13	33
27	H-Doped Black Titania with Very High Solar Absorption and Excellent Photocatalysis Enhanced by Localized Surface Plasmon Resonance. *Advanced Functional Materials*, **2013**, 23, 5444-5450	15.6	532
26	Study of LiFePO4 cathode modified by graphene sheets for high-performance lithium ion batteries. *Electrochimica Acta*, **2013**, 88, 414-420	6.7	55
25	Gray TiO2 nanowires synthesized by aluminum-mediated reduction and their excellent photocatalytic activity for water cleaning. *Chemistry - A European Journal*, **2013**, 19, 13313-6	4.8	64
24	Magnetotransport of polycrystalline graphene: Shubnikov-de Haas oscillation and weak localization study. *Applied Physics Letters*, **2013**, 102, 233503	3.4	8
23	Highly conductive three-dimensional graphene for enhancing the rate performance of LiFePO4 cathode. *Journal of Power Sources*, **2012**, 203, 130-134	8.9	103

22	Direct growth of few-layer graphene films on SiO2 substrates and their photovoltaic applications. *Journal of Materials Chemistry*, **2012**, 22, 411-416		154
21	Effect of structural packing on the luminescence properties in tungsten bronze compounds M2KNb5O15 (M=Ca, Sr, Ba). *Journal of Solid State Chemistry*, **2012**, 192, 182-185	3.3	24
20	The production of large bilayer hexagonal graphene domains by a two-step growth process of segregation and surface-catalytic chemical vapor deposition. *Carbon*, **2012**, 50, 2703-2709	10.4	29
19	A facile preparation route for boron-doped graphene, and its CdTe solar cell application. *Energy and Environmental Science*, **2011**, 4, 862-865	35.4	186
18	Large-scale preparation of highly conductive three dimensional graphene and its applications in CdTe solar cells. *Journal of Materials Chemistry*, **2011**, 21, 17366		84
17	Improved visible-light photocatalysis of nano-Bi2Sn2O7 with dispersed s-bands. *Journal of Materials Chemistry*, **2011**, 21, 3872		82
16	Biomolecule-assisted route to prepare titania mesoporous hollow structures. *Chemistry - A European Journal*, **2011**, 17, 11535-41	4.8	32
15	Low-temperature rapid synthesis of high-quality pristine or boron-doped graphenevia Wurtz-type reductive coupling reaction. *Journal of Materials Chemistry*, **2011**, 21, 10685		60
14	Quasi-linear dependence of cation filling on the photocatalysis of A(x)BO3-based tunnel compounds. *Dalton Transactions*, **2011**, 40, 6906-11	4.3	13
13	A one-pot method to grow pyrochlore H4Nb2O7-octahedron-based photocatalyst. *Journal of Materials Chemistry*, **2010**, 20, 1942		36
12	Structure-dependent photocatalytic activities of MWO4 (M = Ca, Sr, Ba). *Journal of Molecular Catalysis A*, **2009**, 302, 54-58		92
11	Novel antimonate photocatalysts MSb2O6 (M = Ca, Sr and Ba): a correlation between packing factor and photocatalytic activity. *Physical Chemistry Chemical Physics*, **2009**, 11, 10047-52	3.6	39
10	Photocatalytic activities of M2Sb2O7 (M=Ca, Sr) for degrading methyl orange. *Applied Catalysis A: General*, **2006**, 313, 218-223	5.1	87
9	New layered materials: syntheses, structures, and optical and magnetic properties of CsGdZnSe3, CsZrCuSe3, CsUCuSe3, and BaGdCuSe3. *Inorganic Chemistry*, **2001**, 40, 5123-6	5.1	107
8	Syntheses and structures of the infinite chain compounds Cs(4)Ti(3)Se(13), Rb(4)Ti(3)S(14), Cs(4)Ti(3)S(14), Rb(4)Hf(3)S(14), Rb(4)Zr(3)Se(14), Cs(4)Zr(3)Se(14), and Cs(4)Hf(3)Se(14). *Inorganic Chemistry*, **2001**, 40, 2346-51	5.1	4
7	New layered materials: syntheses, structures, and optical properties of K(2)TiCu(2)S(4), Rb(2)TiCu(2)S(4), Rb(2)TiaAg(2)S(4), Cs(2)TiAg(2)sS(4), and Cs(2)TiCu(2)Se(4). *Inorganic Chemistry*, **2001**, 40, 2602-7	5.1	25
6	Syntheses and structures of LiAuS and Li(3)AuS(2). *Inorganic Chemistry*, **2001**, 40, 1397-8	5.1	13
5	Tailoring Conductive 3D Porous Hard Carbon for Supercapacitors. *Energy Technology*,2101103	3.5	1

4	Achieving highly stable Sn-based anode by a stiff encapsulation heterostructure. *Science China Materials*,1	7.1	2
3	Intelligent system for depression scale estimation with facial expressions and case study in industrial intelligence. *International Journal of Intelligent Systems*,	8.4	4
2	A cluster UAV inspired honeycomb defense system to confront military IoT: a dynamic game approach. *Soft Computing*,1	3.5	2
1	A Dual-Functional Titanium Nitride Chloride Layered Matrix with Facile Lithium-Ion Diffusion Path and Decoupled Electron Transport as High-Capacity Anodes. *Advanced Functional Materials*,2112074	15.6	1