Jie-Sheng Chen

List of Publications by Citations

345 papers	17,608 citations	69 h-index	118 g-index
361 ext. papers	19,662 ext. citations	8.1 avg, IF	6.87 L-index

#	Paper	IF	Citations
345	Photoluminescent metal-organic polymer constructed from trimetallic clusters and mixed carboxylates. *Inorganic Chemistry*, **2003**, 42, 944-6	5.1	625
344	Metal-free activation of dioxygen by graphene/g-C3N4 nanocomposites: functional dyads for selective oxidation of saturated hydrocarbons. *Journal of the American Chemical Society*, **2011**, 133, 8074-7	16.4	505
343	Structures, photoluminescence, up-conversion, and magnetism of 2D and 3D rare-earth coordination polymers with multicarboxylate linkages. *Inorganic Chemistry*, **2006**, 45, 2857-65	5.1	386
342	Janus Co/CoP Nanoparticles as Efficient Mott–Schottky Electrocatalysts for Overall Water Splitting in Wide pH Range. *Advanced Energy Materials*, **2017**, 7, 1602355	21.8	370
341	Surface and interface engineering of electrode materials for lithium-ion batteries. *Advanced Materials*, **2015**, 27, 527-45	24	344
340	Extended structures and physicochemical properties of uranyl-organic compounds. *Accounts of Chemical Research*, **2011**, 44, 531-40	24.3	342
339	Synthesis, structure, and photoelectronic effects of a uranium-zinc-organic coordination polymer containing infinite metal oxide sheets. *Journal of the American Chemical Society*, **2003**, 125, 9266-7	16.4	294
338	Activating Cobalt Nanoparticles via the Mott-Schottky Effect in Nitrogen-Rich Carbon Shells for Base-Free Aerobic Oxidation of Alcohols to Esters. *Journal of the American Chemical Society*, **2017**, 139, 811-818	16.4	266
337	Structural variation from 1D to 3D: effects of ligands and solvents on the construction of lead(II)-organic coordination polymers. *Chemistry - A European Journal*, **2007**, 13, 3248-61	4.8	266
336	Corrosion engineering towards efficient oxygen evolution electrodes with stable catalytic activity for over 6000 hours. *Nature Communications*, **2018**, 9, 2609	17.4	244
335	Water-insoluble Ag-U-organic assemblies with photocatalytic activity. *Chemistry - A European Journal*, **2005**, 11, 2642-50	4.8	236
334	Macroporous V2O5–BiVO4 Composites: Effect of Heterojunction on the Behavior of Photogenerated Charges. *Journal of Physical Chemistry C*, **2011**, 115, 8064-8071	3.8	228
333	**2007**,		216
332	Carbon-Coated V2O5 Nanocrystals as High Performance Cathode Material for Lithium Ion Batteries. *Chemistry of Materials*, **2011**, 23, 5290-5292	9.6	213
331	Preparation, structures, and photocatalytic properties of three new uranyl-organic assembly compounds. *Inorganic Chemistry*, **2008**, 47, 4844-53	5.1	205
330	Surface binding of polypyrrole on porous silicon hollow nanospheres for Li-ion battery anodes with high structure stability. *Advanced Materials*, **2014**, 26, 6145-50	24	201
329	New Polymer–Inorganic Nanocomposites: PEO–ZnO and PEO–ZnO–LiClO4 Films. *Journal of Physical Chemistry B*, **2001**, 105, 10169-10174	3.4	194

328	Efficient oxygen evolution electrocatalysis in acid by a perovskite with face-sharing IrO octahedral dimers. *Nature Communications*, **2018**, 9, 5236	17.4	193
327	Hierarchical porous carbon derived from rice straw for lithium ion batteries with high-rate performance. *Electrochemistry Communications*, **2009**, 11, 130-133	5.1	192
326	Highly efficient dehydrogenation of formic acid over a palladium-nanoparticle-based Mott-Schottky photocatalyst. *Angewandte Chemie - International Edition*, **2013**, 52, 11822-5	16.4	180
325	A Novel Open-Framework Cobalt Phosphate Containing a Tetrahedrally Coordinated Cobalt(II) Center: CoPO4 □0.5 C2H10N2. *Angewandte Chemie International Edition in English*, **1994**, 33, 639-640		180
324	Electrochemical Reduction of N into NH by Donor-Acceptor Couples of Ni and Au Nanoparticles with a 67.8% Faradaic Efficiency. *Journal of the American Chemical Society*, **2019**, 141, 14976-14980	16.4	178
323	Montmorillonite-supported Ag/TiO(2) nanoparticles: an efficient visible-light bacteria photodegradation material. *ACS Applied Materials & Interfaces*, **2010**, 2, 544-50	9.5	171
322	One-pot synthesis of Ag-Fe3O4 nanocomposite: a magnetically recyclable and efficient catalyst for epoxidation of styrene. *Chemical Communications*, **2008**, 3414-6	5.8	168
321	Three-dimensional 3d-4f heterometallic coordination polymers: synthesis, structures, and magnetic properties. *Inorganic Chemistry*, **2005**, 44, 5241-6	5.1	164
320	MoO2/Mo2C Heteronanotubes Function as High-Performance Li-Ion Battery Electrode. *Advanced Functional Materials*, **2014**, 24, 3399-3404	15.6	160
319	High stability and superior rate capability of three-dimensional hierarchical SnS2 microspheres as anode material in lithium ion batteries. *Journal of Power Sources*, **2011**, 196, 3650-3654	8.9	154
318	Strongly veined carbon nanoleaves as a highly efficient metal-free electrocatalyst. *Angewandte Chemie - International Edition*, **2014**, 53, 6905-9	16.4	148
317	Homochiral porous lanthanide phosphonates with 1D triple-strand helical chains: synthesis, photoluminescence, and adsorption properties. *Inorganic Chemistry*, **2006**, 45, 4431-9	5.1	147
316	Highly luminescent ZnO nanocrystals stabilized by ionic-liquid components. *Angewandte Chemie - International Edition*, **2006**, 45, 7370-3	16.4	144
315	Direct conversion of urea into graphitic carbon nitride over mesoporous TiO2 spheres under mild condition. *Chemical Communications*, **2011**, 47, 1066-8	5.8	140
314	Efficient sunlight-driven dehydrogenative coupling of methane to ethane over a Zn(+)-modified zeolite. *Angewandte Chemie - International Edition*, **2011**, 50, 8299-303	16.4	139
313	Encapsulating Palladium Nanoparticles Inside Mesoporous MFI Zeolite Nanocrystals for Shape-Selective Catalysis. *Angewandte Chemie - International Edition*, **2016**, 55, 9178-82	16.4	138
312	Synthesis of amphiphilic superparamagnetic ferrite/block copolymer hollow submicrospheres. *Journal of the American Chemical Society*, **2006**, 128, 8382-3	16.4	136
311	Construction of a microporous inorganic-organic hybrid compound with uranyl units. *Chemical Communications*, **2004**, 1814-5	5.8	127

310	A General Strategy for Fabricating Isolated Single Metal Atomic Site Catalysts in Y Zeolite. *Journal of the American Chemical Society*, **2019**, 141, 9305-9311	16.4	124
309	Facile synthesis of thermal- and photostable titania with paramagnetic oxygen vacancies for visible-light photocatalysis. *Chemistry - A European Journal*, **2013**, 19, 2866-73	4.8	124
308	SAPO-18 Catalysts and Their Broensted Acid Sites. *The Journal of Physical Chemistry*, **1994**, 98, 10216-10224		124
307	Polyether-Grafted ZnO Nanoparticles with Tunable and Stable Photoluminescence at Room Temperature. *Chemistry of Materials*, **2005**, 17, 3062-3064	9.6	118
306	Boosting selective nitrogen reduction to ammonia on electron-deficient copper nanoparticles. *Nature Communications*, **2019**, 10, 4380	17.4	117
305	2D/2D Heterojunctions for Catalysis. *Advanced Science*, **2019**, 6, 1801702	13.6	115
304	Distinguishing the Silanol Groups in the Mesoporous Molecular Sieve MCM-41. *Angewandte Chemie International Edition in English*, **1996**, 34, 2694-2696		113
303	Strategies to succeed in improving the lithium-ion storage properties of silicon nanomaterials. *Journal of Materials Chemistry A*, **2016**, 4, 32-50	13	111
302	Multifunctional Au Nanocatalyst for Highly Efficient Hydrolysis of Ammonia Borane. *ACS Catalysis*, **2015**, 5, 388-392	13.1	111
301	Formation of hydronium at the Broensted site in SAPO-34 catalysts. *The Journal of Physical Chemistry*, **1993**, 97, 8109-8112		103
300	Effect of Heterojunction on the Behavior of Photogenerated Charges in Fe3O4@Fe2O3 Nanoparticle Photocatalysts. *Journal of Physical Chemistry C*, **2011**, 115, 8637-8642	3.8	100
299	Syntheses and photoluminescent properties of two uranyl-containing compounds with extended structures. *Polyhedron*, **2006**, 25, 1359-1366	2.7	97
298	MAPO-18 (M Mg, Zn, Co): a new family of catalysts for the conversion of methanol to light olefins. *Journal of the Chemical Society Chemical Communications*, **1994**, 603		95
297	A novel porous sheet aluminophosphate: Al3P4O163□1.5[NH3(CH2)4NH3]2+. *Journal of the Chemical Society Chemical Communications*, **1992**, 929		93
296	3D-hierarchical SnS2 micro/nano-structures: controlled synthesis, formation mechanism and lithium ion storage performances. *CrystEngComm*, **2012**, 14, 1364-1375	3.3	92
295	Hydrothermal synthesis and photoluminescent properties of ZnWO4 and Eu3+-doped ZnWO4. *Materials Letters*, **2002**, 55, 152-157	3.3	91
294	Porous titania with heavily self-doped Ti3+ for specific sensing of CO at room temperature. *Inorganic Chemistry*, **2013**, 52, 5924-30	5.1	89
293	Anchoring Cobalt Nanocrystals through the Plane of Graphene: Highly Integrated Electrocatalyst for Oxygen Reduction Reaction. *Chemistry of Materials*, **2015**, 27, 544-549	9.6	89

292	A Chiral Lead Borate Containing Infinite and Finite Chains Built up from BO4 and BO3 Units. *Chemistry of Materials*, **2002**, 14, 1314-1318	9.6	89
291	Structure of an Unusual Aluminium Phosphate ([Al5P6O24H]2- 2[N(C2H5)3H]+ □2H2O) JDF-20 with Large Elliptical Apertures. *Journal of Solid State Chemistry*, **1993**, 102, 204-208	3.3	85
290	Self-modification of titanium dioxide materials by Ti3+ and/or oxygen vacancies: new insights into defect chemistry of metal oxides. *RSC Advances*, **2014**, 4, 13979-13988	3.7	84
289	Cobalt-Doped MnO2 Hierarchical Yolk□Shell Spheres with Improved Supercapacitive Performance. *Journal of Physical Chemistry C*, **2015**, 119, 8465-8471	3.8	80
288	Synthesis, structures and electrochemical properties of nitro- and amino-functionalized diiron azadithiolates as active site models of Fe-only hydrogenases. *Chemistry - A European Journal*, **2004**, 10, 4474-9	4.8	80
287	Vinylene-Bridged Two-Dimensional Covalent Organic Frameworks via Knoevenagel Condensation of Tricyanomesitylene. *Journal of the American Chemical Society*, **2020**, 142, 11893-11900	16.4	78
286	Sol□gel preparation of efficient red phosphor Mg2TiO4:Mn4+ and XAFS investigation on the substitution of Mn4+ for Ti4+. *Journal of Materials Chemistry C*, **2013**, 1, 4327	7.1	77
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284	Hierarchical carbon nanopapers coupled with ultrathin MoS2 nanosheets: Highly efficient large-area electrodes for hydrogen evolution. *Nano Energy*, **2015**, 15, 335-342	17.1	76
283	Nitrogen-doped graphene microtubes with opened inner voids: Highly efficient metal-free electrocatalysts for alkaline hydrogen evolution reaction. *Nano Research*, **2016**, 9, 2606-2615	10	76
282	Strategies toward High-Performance Cathode Materials for Lithium-Oxygen Batteries. *Small*, **2018**, 14, e1800078	11	73
281	A facile one-pot reduction method for the preparation of a SnO/SnO2/GNS composite for high performance lithium ion batteries. *Dalton Transactions*, **2014**, 43, 3137-43	4.3	73
280	Bronsted, Lewis, and Redox Centers on CoAPO-18 Catalysts. 1. Vibrational Modes of Adsorbed Water. *The Journal of Physical Chemistry*, **1994**, 98, 13350-13356		73
279	Schottky Barrier Induced Coupled Interface of Electron-Rich N-Doped Carbon and Electron-Deficient Cu: In-Built Lewis Acid-Base Pairs for Highly Efficient CO Fixation. *Journal of the American Chemical Society*, **2019**, 141, 38-41	16.4	72
278	Construction of Three-Dimensional Uranyl□Organic Frameworks with Benzenetricarboxylate Ligands. *European Journal of Inorganic Chemistry*, **2010**, 2010, 3780-3788	2.3	70
277	Preparation and gas storage of high surface area microporous carbon derived from biomass source cornstalks. *Bioresource Technology*, **2008**, 99, 4803-8	11	69
276	A Composite of Carbon-Wrapped Mo2C Nanoparticle and Carbon Nanotube Formed Directly on Ni Foam as a High-Performance Binder-Free Cathode for Li-O2 Batteries. *Advanced Functional Materials*, **2016**, 26, 8514-8520	15.6	68
275	Room-temperature transfer hydrogenation and fast separation of unsaturated compounds over heterogeneous catalysts in an aqueous solution of formic acid. *Green Chemistry*, **2014**, 16, 3746-3751	10	68

274	On the Nature of the Active Site in a CoAPO-18 Solid Acid Catalyst. *Angewandte Chemie International Edition in English*, **1994**, 33, 1871-1873		68
273	IR spectroscopic study of CD3CN adsorbed on ALPO-18 molecular sieve and the solid acid catalysts SAPO-18 and MeAPO-18. *Journal of the Chemical Society, Faraday Transactions*, **1994**, 90, 3455		68
272	Nitrogen-doped carbon nets with micro/mesoporous structures as electrodes for high-performance supercapacitors. *Journal of Materials Chemistry A*, **2016**, 4, 16698-16705	13	68
271	Lithiation mechanism of hierarchical porous MoO2 nanotubes fabricated through one-step carbothermal reduction. *Journal of Materials Chemistry A*, **2014**, 2, 80-86	13	67
270	MOFs of Uranium and the Actinides. *Structure and Bonding*, **2014**, 265-295	0.9	67
269	Uranyl pyridine-dicarboxylate compounds with clustered water molecules. *Inorganic Chemistry Communication*, **2006**, 9, 595-598	3.1	65
268	Oxygen Vacancy Engineering of Co O Nanocrystals through Coupling with Metal Support for Water Oxidation. *ChemSusChem*, **2017**, 10, 2875-2879	8.3	64
267	A graphene-wrapped silver□porous silicon composite with enhanced electrochemical performance for lithium-ion batteries. *Journal of Materials Chemistry A*, **2013**, 1, 13648	13	64
266	Neuron-Inspired Design of High-Performance Electrode Materials for Sodium-Ion Batteries. *ACS Nano*, **2018**, 12, 11503-11510	16.7	64
265	Nonaqueous Synthesis and Characterization of a New 2-Dimensional Layered Aluminophosphate [Al3P4O16]3□3[CH3CH2NH3]+. *Journal of Solid State Chemistry*, **1997**, 129, 37-44	3.3	63
264	Formation of Single-Crystalline CuS Nanoplates Vertically Standing on Flat Substrate. *Crystal Growth and Design*, **2007**, 7, 2265-2267	3.5	63
263	Controlled synthesis, growth mechanism, and properties of monodisperse CdS colloidal spheres. *Chemistry - A European Journal*, **2007**, 13, 8754-61	4.8	62
262	Assembly of a manganese(II) pyridine-3,4-dicarboxylate polymeric network based on infinite Mn□□ chains. *Dalton Transactions*, **2003**, 28-30	4.3	62
261	Synergistic effect on the photoactivation of the methane C-H bond over Ga(3+)-modified ETS-10. *Angewandte Chemie - International Edition*, **2012**, 51, 4702-6	16.4	60
260	Enriching Co nanoparticles inside carbon nanofibers via nanoscale assembly of metal□organic complexes for highly efficient hydrogen evolution. *Nano Energy*, **2016**, 22, 79-86	17.1	59
259	Multistaged discharge constructing heterostructure with enhanced solid-solution behavior for long-life lithium-oxygen batteries. *Nature Communications*, **2019**, 10, 5810	17.4	59
258	Tuning the Adsorption Energy of Methanol Molecules Along Ni-N-Doped Carbon Phase Boundaries by the Mott-Schottky Effect for Gas-Phase Methanol Dehydrogenation. *Angewandte Chemie - International Edition*, **2018**, 57, 2697-2701	16.4	58
257	Low-Overpotential Li□2 Batteries Based on TFSI Intercalated Co□□i Layered Double Oxides. *Advanced Functional Materials*, **2016**, 26, 1365-1374	15.6	58

256	Li4Ti5O12/TiO2 hollow spheres composed nanoflakes with preferentially exposed Li4Ti5O12 (011) facets for high-rate lithium ion batteries. *ACS Applied Materials & Interfaces*, **2014**, 6, 19791-6	9.5	58
255	New chain architecture for a one-dimensional aluminophosphate,[H3NCH2CH2NH3][AlP2O8H]. *Chemical Communications*, **1997**, 1273-1274	5.8	58
254	Synthesis and structure of a new microporous anionic derivative of germanium dioxide: [Ge18O38(OH)4]8-[(C2N2H10)2+]4.cntdot.2H2O. *Chemistry of Materials*, **1992**, 4, 808-812	9.6	58
253	Synthesis of uranium oxide nanoparticles and their catalytic performance for benzyl alcohol conversion to benzaldehyde. *Journal of Materials Chemistry*, **2008**, 18, 1146		57
252	Chemical formation of mononuclear univalent zinc in a microporous crystalline silicoaluminophosphate. *Journal of the American Chemical Society*, **2003**, 125, 6622-3	16.4	57
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250	Cobalt-substituted aluminophosphate molecular sieves: x-ray absorption, infrared spectroscopic, and catalytic studies. *Chemistry of Materials*, **1992**, 4, 1373-1380	9.6	57
249	Carbon nanocages with nanographene shell for high-rate lithium ion batteries. *Journal of Materials Chemistry*, **2010**, 20, 9748		56
248	Carbonate decomposition: Low-overpotential Li-CO2 battery based on interlayer-confined monodisperse catalyst. *Energy Storage Materials*, **2018**, 15, 291-298	19.4	55
247	Uniform hierarchical MoO2/carbon spheres with high cycling performance for lithium ion batteries. *Journal of Materials Chemistry A*, **2013**, 1, 12038	13	54
246	Highly Efficient Dehydrogenation of Formic Acid over a Palladium-Nanoparticle-Based Mott–Schottky Photocatalyst. *Angewandte Chemie*, **2013**, 125, 12038-12041	3.6	54
245	Synthesis, structure characterization and photocatalytic properties of two new uranyl naphthalene-dicarboxylate coordination polymer compounds. *Inorganic Chemistry Communication*, **2010**, 13, 1542-1547	3.1	54
244	Synthesis and structure of a novel large-pore microporous magnesium-containing aluminophosphate (DAF-1). *Journal of the Chemical Society Chemical Communications*, **1993**, 633		54
243	An open-framework zinc phosphate with Zn?O?Zn linkages. *Advanced Materials*, **1994**, 6, 679-680	24	53
242	Free-Standing Air Cathodes Based on 3D Hierarchically Porous Carbon Membranes: Kinetic Overpotential of Continuous Macropores in Li-O Batteries. *Angewandte Chemie - International Edition*, **2018**, 57, 6825-6829	16.4	52
241	Synthesis and Characterization of a Family of Amine-Intercatalated Lamellar Aluminophosphates from Alcoholic System. *Chemistry of Materials*, **1997**, 9, 457-462	9.6	52
240	Controlled growth and photocatalytic properties of CdS nanocrystals implanted in layered metal hydroxide matrixes. *Journal of Physical Chemistry B*, **2005**, 109, 21602-7	3.4	52
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238	In situ catalytic growth of large-area multilayered graphene/MoS2 heterostructures. *Scientific Reports*, **2014**, 4, 4673	4.9	51
237	Constructing holey graphene monoliths via supramolecular assembly: Enriching nitrogen heteroatoms up to the theoretical limit for hydrogen evolution reaction. *Nano Energy*, **2015**, 15, 567-575	17.1	51
236	A green chemistry of graphene: photochemical reduction towards monolayer graphene sheets and the role of water adlayers. *ChemSusChem*, **2012**, 5, 642-6	8.3	51
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234	Syntheses, structures, and magnetic properties of mixed-valent diruthenium(II,III) diphosphonates with discrete and one-dimensional structures. *Inorganic Chemistry*, **2005**, 44, 4309-14	5.1	51
233	Solving the Structure of a Metal-Substituted Aluminum Phosphate Catalyst by Electron Microscopy, Computer Simulation, and X-ray Powder Diffraction. *Angewandte Chemie International Edition in English*, **1992**, 31, 1472-1475		51
232	Heterometal alkoxides as precursors for the preparation of porous Fe- and Mn-TiO2 photocatalysts with high efficiencies. *Chemistry - A European Journal*, **2008**, 14, 11123-31	4.8	50
231	Towards real Li-air batteries: A binder-free cathode with high electrochemical performance in CO 2 and O 2. *Energy Storage Materials*, **2017**, 7, 209-215	19.4	49
230	Nitrogen-doped carbon nanotube sponge with embedded Fe/Fe3C nanoparticles as binder-free cathodes for high capacity lithium□sulfur batteries. *Journal of Materials Chemistry A*, **2018**, 6, 17473-17480	13	49
229	Formation of CuS nanotube arrays from CuCl Nanorods through a gas-solid reaction route. *Journal of Crystal Growth*, **2007**, 299, 386-392	1.6	48
228	Polarized few-layer g-C3N4 as metal-free electrocatalyst for highly efficient reduction of CO2. *Nano Research*, **2018**, 11, 2450-2459	10	47
227	A uranium□zinc□organic molecular compound containing planar tetranuclear uranyl units. *Dalton Transactions*, **2003**, 4219-4220	4.3	47
226	Organo-template control of inorganic structures: a low-symmetry two-dimensional sheet aluminophosphate3[NH3CHMeCH2NH3][Al6P8O32]□H2O. *Chemical Communications*, **1996**, 1781-1782	5.8	47
225	Mesoporous titania rods as an anode material for high performance lithium-ion batteries. *Journal of Power Sources*, **2012**, 214, 298-302	8.9	46
224	Synthesis and characterization of Cd□Cr and Zn□Cd□Cr layered double hydroxides intercalated with dodecyl sulfate. *Journal of Solid State Chemistry*, **2005**, 178, 1830-1836	3.3	46
223	Hierarchical Li4Ti5O12/TiO2 composite tubes with regular structural imperfection for lithium ion storage. *Scientific Reports*, **2013**, 3, 3490	4.9	45
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218	A precursor route to single-crystalline WO3 nanoplates with an uneven surface and enhanced sensing properties. *Dalton Transactions*, **2012**, 41, 9773-80	4.3	43
217	Controlled modification of multiwalled carbon nanotubes with Zno nanostructures. *Journal of Solid State Chemistry*, **2008**, 181, 822-827	3.3	43
216	Photoluminescent and photovoltaic properties observed in a zinc borate Zn2(OH)BO3. *Journal of Materials Chemistry*, **2003**, 13, 2227-2233		43
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214	Photochemically engineering the metal-semiconductor interface for room-temperature transfer hydrogenation of nitroarenes with formic acid. *Chemistry - A European Journal*, **2014**, 20, 16732-7	4.8	40
213	Efficient Sunlight-Driven Dehydrogenative Coupling of Methane to Ethane over a Zn+-Modified Zeolite. *Angewandte Chemie*, **2011**, 123, 8449-8453	3.6	40
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211	Microporous carbon derived from pinecone hull as anode material for lithium secondary batteries. *Materials Letters*, **2007**, 61, 5209-5212	3.3	39
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209	Unambiguous observation of electron transfer from a zeolite framework to organic molecules. *Angewandte Chemie - International Edition*, **2009**, 48, 6678-82	16.4	37
208	Magnetically recyclable Ag-ferrite catalysts: general synthesis and support effects in the epoxidation of styrene. *Dalton Transactions*, **2009**, 10527-33	4.3	37
207	The synthesis and crystal structure of a novel clay-like gallophosphate with sub-unit-cell intergrowths of ethylenediamine: [GaPO4(OH)]□□5(H3NCH2CH2NH3)2+. *Journal of the Chemical Society Chemical Communications*, **1991**, 1520-1522		37
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205	Graphene-nanosheet-wrapped LiV3O8 nanocomposites as high performance cathode materials for rechargeable lithium-ion batteries. *Journal of Power Sources*, **2016**, 307, 426-434	8.9	35
204	Room-temperature spontaneous crystallization of porous amorphous titania into a high-surface-area anatase photocatalyst. *Chemical Communications*, **2013**, 49, 8217-9	5.8	35
203	Synthetic porous materials applied in hydrogenation reactions. *Microporous and Mesoporous Materials*, **2017**, 237, 246-259	5.3	35

202	Wrinkled Graphene Monoliths as Superabsorbing Building Blocks for Superhydrophobic and Superhydrophilic Surfaces. *Angewandte Chemie - International Edition*, **2015**, 54, 15165-9	16.4	35
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200	Atomic-Scale Mott-Schottky Heterojunctions of Boron Nitride Monolayer and Graphene as Metal-Free Photocatalysts for Artificial Photosynthesis. *Advanced Science*, **2018**, 5, 1800062	13.6	34
199	Absorption spectra of Se and HgI2 chains in channels of AlPO4-5 single crystal. *Applied Physics Letters*, **1997**, 70, 34-36	3.4	33
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197	Hierarchical porous carbon spheres as an anode material for lithium ion batteries. *RSC Advances*, **2013**, 3, 10823	3.7	32
196	A Metal-Rich Fluorinated Indium Phosphate, 4[NH3(CH2)3NH3]□3[H3O]□[In9(PO4)6(HPO4)2F16]□3H2O, with 14-Membered Ring Channels. *Chemistry of Materials*, **1998**, 10, 773-776	9.6	32
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