

# Jie-Sheng Chen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Toward Hydrogen-Free and Dendrite-Free Aqueous Zinc Batteries: Formation of Zincophilic Protective Layer on Zn Anodes.. <i>Advanced Science</i> , <b>2022</b> , e2104866	13.6	22
344	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. <i>Angewandte Chemie</i> , <b>2022</b> , 134, e202111627	3.6	1
343	Dendrite-free lithium anode achieved under lean-electrolyte condition through the modification of separators with F-functionalized Ti3C2 nanosheets. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 66, 366-373	12	2
342	Facilitating Hot Electron Injection from Graphene to Semiconductor by Rectifying Contact for Vis-NIR-Driven H <sub>2</sub> O Production.. <i>Small</i> , <b>2022</b> , e2200885	11	0
341	Towards High-performance Lithium-Sulfur Batteries: the Modification of Polypropylene Separator by 3D Porous Carbon Structure Embedded with Fe <sub>3</sub> C/Fe Nanoparticles. <i>Chemical Research in Chinese Universities</i> , <b>2022</b> , 38, 147-154	2.2	2
340	Highly Reversible Zinc Anode Enabled by a Cation-Exchange Coating with Zn-Ion Selective Channels.. <i>ACS Nano</i> , <b>2022</b> ,	16.7	4
339	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	9
338	Semiconductor-based nanocomposites for selective organic synthesis. <i>Nano Select</i> , <b>2021</b> , 2, 1799	3.1	0
337	Carbon monoliths with programmable valence bands as de novo anodes for additive-free coupling of alcohols into acetals. <i>FlatChem</i> , <b>2021</b> , 27, 100248	5.1	1
336	Synthesis of Ionic Vinylene-Linked Covalent Organic Frameworks through Quaternization-Activated Knoevenagel Condensation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13726-13732	3.6	3
335	Synthesis of Ionic Vinylene-Linked Covalent Organic Frameworks through Quaternization-Activated Knoevenagel Condensation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13614-13620	16.4	18
334	Enhanced Electrochemical Performance of Aprotic Li-CO Batteries with a Ruthenium-Complex-Based Mobile Catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16404-16408	16.4	12
333	Enhanced Electrochemical Performance of Aprotic Li-CO <sub>2</sub> Batteries with a Ruthenium-Complex-Based Mobile Catalyst. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 16540-16544	3.6	2
332	Electrochemical activation of C-H by electron-deficient WC nanocrystals for simultaneous alkoxylation and hydrogen evolution. <i>Nature Communications</i> , <b>2021</b> , 12, 3882	17.4	1
331	Surface modification of Ni foam for stable and dendrite-free lithium deposition. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 127022	14.7	8
330	Designed electron-deficient gold nanoparticles for a room-temperature C-C coupling reaction. <i>Chemical Communications</i> , <b>2021</b> , 57, 741-744	5.8	5
329	Oxygen Vacancy Engineering of Titania-Induced by Sr Dopants for Visible-Light-Driven Hydrogen Evolution. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 32-36	5.1	2

328	Towards high performance lithium-oxygen batteries: Co <sub>3</sub> O <sub>4</sub> -NiO heterostructure induced preferential growth of ultrathin Li <sub>2</sub> O <sub>2</sub> film. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 863, 158073	5.7	0
327	Chemical fixation of CO <sub>2</sub> on nanocarbons and hybrids. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 20857-20873	6	6
326	Boosting the Zn-ion transfer kinetics to stabilize the Zn metal interface for high-performance rechargeable Zn-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 16814-16823	13	20
325	Schottky Barrier-Induced Surface Electric Field Boosts Universal Reduction of NO in Water to Ammonia. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20711-20716	16.4	14
324	Schottky Barrier-Induced Surface Electric Field Boosts Universal Reduction of NO <sub>x</sub> in Water to Ammonia. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20879-20884	3.6	7
323	Heterojunction-Based Electron Donators to Stabilize and Activate Ultrafine Pt Nanoparticles for Efficient Hydrogen Atom Dissociation and Gas Evolution. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25766-25770	16.4	5
322	Thiophene derivatives as electrode materials for high-performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 11530-11536	13	1
321	Construction of Large Non-Localized $\pi$ -Electron System for Enhanced Sodium-Ion Storage. <i>Small</i> , <b>2021</b> , e2105825	11	0
320	Synergy of Fe-N <sub>4</sub> and non-coordinated boron atoms for highly selective oxidation of amine into nitrile. <i>Nano Research</i> , <b>2020</b> , 13, 2079-2084	10	12
319	Vinylene-Bridged Two-Dimensional Covalent Organic Frameworks via Knoevenagel Condensation of Tricyanomethylene. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 11893-11900	16.4	78
318	Boosting the electrochemical performance of LiO <sub>2</sub> batteries with DPPH redox mediator and graphene-luteolin-protected lithium anode. <i>Energy Storage Materials</i> , <b>2020</b> , 31, 373-381	19.4	12
317	Mild and selective hydrogenation of CO <sub>2</sub> into formic acid over electron-rich MoC nanocatalysts. <i>Science Bulletin</i> , <b>2020</b> , 65, 651-657	10.6	10
316	Biomimetic Design of a 3 D Transition Metal/Carbon Dyad for the One-Step Hydrodeoxygenation of Vanillin. <i>ChemSusChem</i> , <b>2020</b> , 13, 1900-1905	8.3	5
315	Cu <sub>2</sub> SnSe <sub>3</sub> /CNTs Composite as a Promising Anode Material for Sodium-ion Batteries. <i>Chemical Research in Chinese Universities</i> , <b>2020</b> , 36, 91-96	2.2	10
314	Sodium phthalate as an anode material for sodium ion batteries: effect of the bridging carbonyl group. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 8469-8475	13	10
313	Towards ultra-stable lithium metal batteries: Interfacial ionic flux regulated through LiAl LDH-modified polypropylene separator. <i>Chemical Engineering Journal</i> , <b>2020</b> , 395, 125187	14.7	29
312	Surface engineering donor and acceptor sites with enhanced charge transport for low-overpotential lithium-oxygen batteries. <i>Energy Storage Materials</i> , <b>2020</b> , 25, 52-61	19.4	14
311	Interfacial Approach toward Benzene-Bridged Polypyrrole Film-Based Micro-Supercapacitors with Ultrahigh Volumetric Power Density. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908243	15.6	45

310	Atomically Dispersed Ni-Based Anti-Coking Catalysts for Methanol Dehydrogenation in a Fixed-Bed Reactor. <i>ACS Catalysis</i> , <b>2020</b> , 10, 12569-12574	13.1	3
309	Single-step Replacement of an Unreactive C-H Bond by a C-S Bond Using Polysulfide as the Direct Sulfur Source in Anaerobic Ergothioneine Biosynthesis. <i>ACS Catalysis</i> , <b>2020</b> , 10, 8981-8994	13.1	6
308	Electrocatalyst design for aprotic Li <sub>2</sub> O <sub>2</sub> batteries. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 4717-4733	15.4	28
307	Photocatalytic Stille Cross-coupling on Gold/g-C <sub>3</sub> N <sub>4</sub> Nano-heterojunction. <i>Chemical Research in Chinese Universities</i> , <b>2020</b> , 36, 1013-1016	2.2	13
306	Isoelectric Si Heteroatoms as Electron Traps for N <sub>2</sub> Fixation and Activation. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2005779	15.6	12
305	Autoxidation of polythiophene tethered to carbon cloth boosts its electrocatalytic activity towards durable water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 19793-19798	13	8
304	Phosphazene-derived stable and robust artificial SEI for protecting lithium anodes of Li-O batteries. <i>Chemical Communications</i> , <b>2020</b> , 56, 12566-12569	5.8	2
303	Dandelion-clock-inspired preparation of core-shell TiO <sub>2</sub> @MoS <sub>2</sub> composites for high performance sodium ion storage. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 815, 152386	5.7	14
302	Core-shell anatase anode materials for sodium-ion batteries: the impact of oxygen vacancies and nitrogen-doped carbon coating. <i>Nanoscale</i> , <b>2019</b> , 11, 17860-17868	7.7	10
301	Electrochemical Reduction of N into NH by Donor-Acceptor Couples of Ni and Au Nanoparticles with a 67.8% Faradaic Efficiency. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14976-14980	16.4	178
300	Free-standing N,Co-codoped TiO <sub>2</sub> nanoparticles for LiO <sub>2</sub> -based Li <sub>2</sub> O <sub>2</sub> batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 23046-23054	13	12
299	Boosting selective nitrogen reduction to ammonia on electron-deficient copper nanoparticles. <i>Nature Communications</i> , <b>2019</b> , 10, 4380	17.4	117
298	2D/2D Heterojunctions for Catalysis. <i>Advanced Science</i> , <b>2019</b> , 6, 1801702	13.6	115
297	A General Strategy for Fabricating Isolated Single Metal Atomic Site Catalysts in Y Zeolite. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 9305-9311	16.4	124
296	MoS <sub>2</sub> nanoflakes integrated in a 3D carbon framework for high-performance sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 797, 1126-1132	5.7	13
295	A New Route to Cyclohexanone using H <sub>2</sub> CO <sub>3</sub> as a Molecular Catalytic Ligand to Boost the Thorough Hydrogenation of Nitroarenes over Pd Nanocatalysts. <i>ChemCatChem</i> , <b>2019</b> , 11, 2837-2842	5.2	2
294	Synergy of B and Al Dopants in Mesoporous MFI Nanocrystals for Highly Selective Alcoholysis of Furfuryl Alcohol into Ethyl Levulinate. <i>Energy Technology</i> , <b>2019</b> , 7, 1900271	3.5	6
293	Nitrogen-thermal modification of the bifunctional interfaces of transition metal/carbon dyads for the reversible hydrogenation and dehydrogenation of heteroarenes. <i>Chemical Communications</i> , <b>2019</b> , 55, 11394-11397	5.8	7

292	Free-standing hybrid porous membranes integrated with transition metal nitride and carbide nanoparticles for high-performance lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2019</b> , 378, 122208	14.7	22
291	Crystal Structure of the Ergothioneine Sulfoxide Synthase from and Structure-Guided Engineering To Modulate Its Substrate Selectivity. <i>ACS Catalysis</i> , <b>2019</b> , 9, 6955-6961	13.1	9
290	Photogenerated singlet oxygen over zeolite-confined carbon dots for shape selective catalysis. <i>Science China Chemistry</i> , <b>2019</b> , 62, 434-439	7.9	9
289	Oriented arrays of CoO nanoneedles for highly efficient electrocatalytic water oxidation. <i>Chemical Communications</i> , <b>2019</b> , 55, 3971-3974	5.8	13
288	Multistaged discharge constructing heterostructure with enhanced solid-solution behavior for long-life lithium-oxygen batteries. <i>Nature Communications</i> , <b>2019</b> , 10, 5810	17.4	59
287	3D ordered macroporous MoO <sub>2</sub> attached on carbonized cloth for high performance free-standing binder-free lithium-sulfur electrodes. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 24524-24531	13	13
286	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. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 38-41	16.4	72
285	Rubber-based carbon electrode materials derived from dumped tires for efficient sodium-ion storage. <i>Dalton Transactions</i> , <b>2018</b> , 47, 4885-4892	4.3	6
284	Free-Standing Air Cathodes Based on 3D Hierarchically Porous Carbon Membranes: Kinetic Overpotential of Continuous Macropores in Li-O <sub>2</sub> Batteries. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 6941-6945	3.6	17
283	Free-Standing Air Cathodes Based on 3D Hierarchically Porous Carbon Membranes: Kinetic Overpotential of Continuous Macropores in Li-O Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6825-6829	16.4	52
282	Enhanced oxygen electroreduction over nitrogen-free carbon nanotube-supported CuFeO <sub>2</sub> nanoparticles. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 4331-4336	13	20
281	Tuning the Adsorption Energy of Methanol Molecules Along Ni-N-Doped Carbon Phase Boundaries by the Mott-Schottky Effect for Gas-Phase Methanol Dehydrogenation. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2727-2731	3.6	14
280	Tuning the Adsorption Energy of Methanol Molecules Along Ni-N-Doped Carbon Phase Boundaries by the Mott-Schottky Effect for Gas-Phase Methanol Dehydrogenation. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2697-2701	16.4	58
279	Transitions from a Kondo-like diamagnetic insulator into a modulated ferromagnetic metal in FeGaGe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 3273-3278	11.5	7
278	Polarized few-layer g-C <sub>3</sub> N <sub>4</sub> as metal-free electrocatalyst for highly efficient reduction of CO <sub>2</sub> . <i>Nano Research</i> , <b>2018</b> , 11, 2450-2459	10	47
277	Mono-Atomic Fe Centers in Nitrogen/Carbon Monolayers for Liquid-Phase Selective Oxidation Reaction. <i>ChemCatChem</i> , <b>2018</b> , 10, 3539-3545	5.2	9
276	A Polyimide Nanolayer as a Metal-Free and Durable Organic Electrode Toward Highly Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12563-12566	16.4	26
275	Germanium nanoparticles supported by 3D ordered macroporous nickel frameworks as high-performance free-standing anodes for Li-ion batteries. <i>Chemical Engineering Journal</i> , <b>2018</b> , 354, 616-622	14.7	28

274	Electrostatically mediated selectivity of Pd nanocatalyst via rectifying contact with semiconductor: Replace ligands with light. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 238, 404-409	21.8	2
273	A Polyimide Nanolayer as a Metal-Free and Durable Organic Electrode Toward Highly Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 12743-12746	3.6	9
272	Nitrogen-doped carbon nanotube sponge with embedded Fe/Fe <sub>3</sub> C nanoparticles as binder-free cathodes for high capacity lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 17473-17480	13	49
271	Direct reduction of oxygen gas over dendritic carbons with hierarchical porosity: beyond the diffusion limitation. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2023-2030	6.8	1
270	Strategies toward High-Performance Cathode Materials for Lithium-Oxygen Batteries. <i>Small</i> , <b>2018</b> , 14, e1800078	11	73
269	Corrosion engineering towards efficient oxygen evolution electrodes with stable catalytic activity for over 6000 hours. <i>Nature Communications</i> , <b>2018</b> , 9, 2609	17.4	244
268	Mesoporous H-ZSM-5 nanocrystals with programmable number of acid sites as solid ligands to activate Pd nanoparticles for C-C coupling reactions. <i>Nano Research</i> , <b>2018</b> , 11, 874-881	10	17
267	Top-down fabrication of hierarchical nanocubes on nanosheets composite for high-rate lithium storage. <i>Dalton Transactions</i> , <b>2018</b> , 47, 16155-16163	4.3	3
266	Thiophene Derivative as a High Electrochemical Active Anode Material for Sodium-Ion Batteries: The Effect of Backbone Sulfur. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 8426-8430	9.6	15
265	Efficient oxygen evolution electrocatalysis in acid by a perovskite with face-sharing IrO octahedral dimers. <i>Nature Communications</i> , <b>2018</b> , 9, 5236	17.4	193
264	Room-Temperature Activation of Molecular Oxygen Over a Metal-Free Triazine-Decorated sp <sup>2</sup> -Carbon Framework for Green Synthesis. <i>ChemCatChem</i> , <b>2018</b> , 10, 5331-5335	5.2	2
263	Boosting Potassium Storage Capacity Based on Stress-Induced Size-Dependent Solid-Solution Behavior. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1802175	21.8	20
262	Grouping Effect of Single Nickel-N Sites in Nitrogen-Doped Carbon Boosts Hydrogen Transfer Coupling of Alcohols and Amines. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 15414-15418	3.6	3
261	Use of Nitrogen-Containing Carbon Supports To Control the Acidity of Supported Heteropolyacid Model Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 13999-14010	3.9	4
260	Grouping Effect of Single Nickel-N Sites in Nitrogen-Doped Carbon Boosts Hydrogen Transfer Coupling of Alcohols and Amines. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 15194-15198	16.4	33
259	Neuron-Inspired Design of High-Performance Electrode Materials for Sodium-Ion Batteries. <i>ACS Nano</i> , <b>2018</b> , 12, 11503-11510	16.7	64
258	Two Porous Polyoxometalate-Resorcin[4]arene-Based Supramolecular Complexes: Selective Adsorption of Organic Dyes and Electrochemical Properties. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 6046-6053	25.3	27
257	Engineering the Interfaces of Superadsorbing Graphene-Based Electrodes with Gas and Electrolyte to Boost Gas Evolution and Activation Reactions. <i>ChemSusChem</i> , <b>2018</b> , 11, 2306-2309	8.3	14



256	Non-Conjugated Dicarboxylate Anode Materials for Electrochemical Cells. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8865-8870	16.4	32
255	Atomic-Scale Mott-Schottky Heterojunctions of Boron Nitride Monolayer and Graphene as Metal-Free Photocatalysts for Artificial Photosynthesis. <i>Advanced Science</i> , <b>2018</b> , 5, 1800062	13.6	34
254	Carbonate decomposition: Low-overpotential Li-CO <sub>2</sub> battery based on interlayer-confined monodisperse catalyst. <i>Energy Storage Materials</i> , <b>2018</b> , 15, 291-298	19.4	55
253	Accelerated room-temperature crystallization of ultrahigh-surface-area porous anatase titania by storing photogenerated electrons. <i>Chemical Communications</i> , <b>2017</b> , 53, 1619-1621	5.8	17
252	Mesoporous TS-1 Nanocrystals as Low Cost and High Performance Catalysts for Epoxidation of Styrene. <i>Chinese Journal of Chemistry</i> , <b>2017</b> , 35, 577-580	4.9	6
251	Janus Co/CoP Nanoparticles as Efficient Mott-Schottky Electrocatalysts for Overall Water Splitting in Wide pH Range. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1602355	21.8	370
250	Oxygen Vacancy Engineering of Co <sub>3</sub> O <sub>4</sub> Nanocrystals through Coupling with Metal Support for Water Oxidation. <i>ChemSusChem</i> , <b>2017</b> , 10, 2875-2879	8.3	64
249	Towards real Li-air batteries: A binder-free cathode with high electrochemical performance in CO <sub>2</sub> and O <sub>2</sub> . <i>Energy Storage Materials</i> , <b>2017</b> , 7, 209-215	19.4	49
248	Well-ordered mesoporous FeO/C composites as high performance anode materials for sodium-ion batteries. <i>Dalton Transactions</i> , <b>2017</b> , 46, 5025-5032	4.3	29
247	Activating Cobalt Nanoparticles via the Mott-Schottky Effect in Nitrogen-Rich Carbon Shells for Base-Free Aerobic Oxidation of Alcohols to Esters. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 811-818	16.4	266
246	The solution-phase process of a g-CN/BiVO <sub>4</sub> dyad to a large-area photoanode: interfacial synergy for highly efficient water oxidation. <i>Chemical Communications</i> , <b>2017</b> , 53, 10544-10547	5.8	15
245	Uric Acid as an Electrochemically Active Compound for Sodium-Ion Batteries: Stepwise Na-Storage Mechanisms of Conjugation and Stabilized Carbon Anion. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 33934-33940	9.5	8
244	Constructing Ohmic contact in cobalt selenide/Ti dyadic electrode: The third aspect to promote the oxygen evolution reaction. <i>Nano Energy</i> , <b>2017</b> , 39, 321-327	17.1	28
243	Synthetic porous materials applied in hydrogenation reactions. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 237, 246-259	5.3	35
242	A Composite of Carbon-Wrapped Mo <sub>2</sub> C Nanoparticle and Carbon Nanotube Formed Directly on Ni Foam as a High-Performance Binder-Free Cathode for Li-O <sub>2</sub> Batteries. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8514-8520	15.6	68
241	Low-Overpotential Li-O <sub>2</sub> Batteries Based on TFSI Intercalated Co <sup>III</sup> Layered Double Oxides. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1365-1374	15.6	58
240	Programmable synthesis of mesoporous ZSM-5 nanocrystals as selective and stable catalysts for the methanol-to-propylene process. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 5262-5266	5.5	18
239	Trapping oxygen in hierarchically porous carbon nano-nets: graphitic nitrogen dopants boost the electrocatalytic activity. <i>RSC Advances</i> , <b>2016</b> , 6, 56765-56771	3.7	7

238	Nitrogen-doped graphene microtubes with opened inner voids: Highly efficient metal-free electrocatalysts for alkaline hydrogen evolution reaction. <i>Nano Research</i> , <b>2016</b> , 9, 2606-2615	10	76
237	Encapsulating Palladium Nanoparticles Inside Mesoporous MFI Zeolite Nanocrystals for Shape-Selective Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9178-82	16.4	138
236	Enriching Co nanoparticles inside carbon nanofibers via nanoscale assembly of metal-organic complexes for highly efficient hydrogen evolution. <i>Nano Energy</i> , <b>2016</b> , 22, 79-86	17.1	59
235	Graphene-nanosheet-wrapped LiV <sub>3</sub> O <sub>8</sub> nanocomposites as high performance cathode materials for rechargeable lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 307, 426-434	8.9	35
234	Hydroquinone Resin Induced Carbon Nanotubes on Ni Foam As Binder-Free Cathode for Li-O <sub>2</sub> Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 3868-73	9.5	26
233	Template-directed metal oxides for electrochemical energy storage. <i>Energy Storage Materials</i> , <b>2016</b> , 3, 1-17	19.4	43
232	Strategies to succeed in improving the lithium-ion storage properties of silicon nanomaterials. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 32-50	13	111
231	Ultra-durable two-electrode Zn-air secondary batteries based on bifunctional titania nanocatalysts: a Co <sup>2+</sup> dopant boosts the electrochemical activity. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 7841-7847	13	24
230	Activating Oxygen Molecules over Carbonyl-Modified Graphitic Carbon Nitride: Merging Supramolecular Oxidation with Photocatalysis in a Metal-Free Catalyst for Oxidative Coupling of Amines into Imines. <i>ChemCatChem</i> , <b>2016</b> , 8, 3441-3445	5.2	23
229	Nitrogen-doped carbon nets with micro/mesoporous structures as electrodes for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 16698-16705	13	68
228	Toward Lower Overpotential through Improved Electron Transport Property: Hierarchically Porous CoN Nanorods Prepared by Nitridation for Lithium-Oxygen Batteries. <i>Nano Letters</i> , <b>2016</b> , 16, 5902-8	11.5	37
227	Activating Pd nanoparticles on sol-gel prepared porous g-C <sub>3</sub> N <sub>4</sub> /SiO <sub>2</sub> via enlarging the Schottky barrier for efficient dehydrogenation of formic acid. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 1124-1129	6.8	17
226	Nanoscale Kirkendall growth of silicalite-1 zeolite mesocrystals with controlled mesoporosity and size. <i>Chemical Communications</i> , <b>2015</b> , 51, 12563-6	5.8	27
225	Hierarchical carbon nanopapers coupled with ultrathin MoS <sub>2</sub> nanosheets: Highly efficient large-area electrodes for hydrogen evolution. <i>Nano Energy</i> , <b>2015</b> , 15, 335-342	17.1	76
224	Co <sub>2</sub> O <sub>3</sub> -based binder-free cathodes for lithium-oxygen batteries with improved cycling stability. <i>Dalton Transactions</i> , <b>2015</b> , 44, 8678-84	4.3	31
223	Cobalt-Doped MnO <sub>2</sub> Hierarchical Yolk-Shell Spheres with Improved Supercapacitive Performance. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 8465-8471	3.8	80
222	Surface and interface engineering of electrode materials for lithium-ion batteries. <i>Advanced Materials</i> , <b>2015</b> , 27, 527-45	24	344
221	Wrinkled Graphene Monoliths as Superabsorbing Building Blocks for Superhydrophobic and Superhydrophilic Surfaces. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15380-15384	3.6	13



220	Wrinkled Graphene Monoliths as Superabsorbing Building Blocks for Superhydrophobic and Superhydrophilic Surfaces. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15165-9	16.4	35
219	Formation of a built-in field at the porphyrin/ITO interface directly proven by the time-resolved photovoltage technique. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 5202-6	3.6	3
218	Converting waste paper to multifunctional graphene-decorated carbon paper: from trash to treasure. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 13926-13932	13	28
217	Constructing holey graphene monoliths via supramolecular assembly: Enriching nitrogen heteroatoms up to the theoretical limit for hydrogen evolution reaction. <i>Nano Energy</i> , <b>2015</b> , 15, 567-575 <sup>17.1</sup>	17.1	51
216	Preparation of Porous Silicon by Sodiothermic Reduction of Zeolite and Photoactivation for Benzene Oxidation. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1330-1333	2.3	4
215	Multifunctional Au Nanocatalyst for Highly Efficient Hydrolysis of Ammonia Borane. <i>ACS Catalysis</i> , <b>2015</b> , 5, 388-392	13.1	111
214	Anchoring Cobalt Nanocrystals through the Plane of Graphene: Highly Integrated Electrocatalyst for Oxygen Reduction Reaction. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 544-549	9.6	89
213	In situ catalytic growth of large-area multilayered graphene/MoS <sub>2</sub> heterostructures. <i>Scientific Reports</i> , <b>2014</b> , 4, 4673	4.9	51
212	Strongly veined carbon nanoleaves as a highly efficient metal-free electrocatalyst. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 6905-9	16.4	148
211	Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /TiO <sub>2</sub> hollow spheres composed nanoflakes with preferentially exposed Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> (011) facets for high-rate lithium ion batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 19791-6	9.5	58
210	Chemical "top-down" synthesis of amphiphilic superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanobelts from exfoliated FeOCl layers. <i>Dalton Transactions</i> , <b>2014</b> , 43, 16173-7	4.3	12
209	Incorporation of heterostructured Sn/SnO nanoparticles in crumpled nitrogen-doped graphene nanosheets for application as anodes in lithium-ion batteries. <i>Chemical Communications</i> , <b>2014</b> , 50, 9961-4 <sup>5.8</sup>	5.8	34
208	Lithiation mechanism of hierarchical porous MoO <sub>2</sub> nanotubes fabricated through one-step carbothermal reduction. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 80-86	13	67
207	The crystallinity effect of mesocrystalline BaZrO <sub>3</sub> hollow nanospheres on charge separation for photocatalysis. <i>Chemical Communications</i> , <b>2014</b> , 50, 3021-3	5.8	22
206	In situ growth of ultrafine tin oxide nanocrystals embedded in graphitized carbon nanosheets for use in high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 6960-6965	13	12
205	Room-temperature transfer hydrogenation and fast separation of unsaturated compounds over heterogeneous catalysts in an aqueous solution of formic acid. <i>Green Chemistry</i> , <b>2014</b> , 16, 3746-3751	10	68
204	A facile one-pot reduction method for the preparation of a SnO/SnO <sub>2</sub> /GNS composite for high performance lithium ion batteries. <i>Dalton Transactions</i> , <b>2014</b> , 43, 3137-43	4.3	73
203	Strongly Veined Carbon Nanoleaves as a Highly Efficient Metal-Free Electrocatalyst. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 7025-7029	3.6	43

202	Surface binding of polypyrrole on porous silicon hollow nanospheres for Li-ion battery anodes with high structure stability. <i>Advanced Materials</i> , <b>2014</b> , 26, 6145-50	24	201
201	Self-modification of titanium dioxide materials by Ti <sup>3+</sup> and/or oxygen vacancies: new insights into defect chemistry of metal oxides. <i>RSC Advances</i> , <b>2014</b> , 4, 13979-13988	3.7	84
200	Grand Challenges for Colloidal Materials and Interfaces: Dancing on Nano-Stage. <i>Frontiers in Materials</i> , <b>2014</b> , 1,	4	2
199	Supramolecular nano-assemblies with tailorable surfaces: recyclable hard templates for engineering hollow nanocatalysts. <i>Science China Materials</i> , <b>2014</b> , 57, 7-12	7.1	6
198	MOFs of Uranium and the Actinides. <i>Structure and Bonding</i> , <b>2014</b> , 265-295	0.9	67
197	Photochemically engineering the metal-semiconductor interface for room-temperature transfer hydrogenation of nitroarenes with formic acid. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 16732-7	4.8	40
196	MoO <sub>2</sub> /Mo <sub>2</sub> C Heteronanotubes Function as High-Performance Li-Ion Battery Electrode. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 3399-3404	15.6	160
195	Bio-inspired noble metal-free reduction of nitroarenes using NiS <sub>2+x</sub> /g-C <sub>3</sub> N <sub>4</sub> . <i>RSC Advances</i> , <b>2014</b> , 4, 60873-60877	3.7	37
194	Room-temperature spontaneous crystallization of porous amorphous titania into a high-surface-area anatase photocatalyst. <i>Chemical Communications</i> , <b>2013</b> , 49, 8217-9	5.8	35
193	Impact of photogenerated charge behaviors on luminescence of Eu <sup>3+</sup> -incorporated microporous titanasilicate ETS-10. <i>Science China Chemistry</i> , <b>2013</b> , 56, 428-434	7.9	1
192	Facile preparation and cellular imaging of photoluminescent carbogenic nanoparticles derived from defoliations. <i>Chemical Research in Chinese Universities</i> , <b>2013</b> , 29, 189-192	2.2	1
191	Uniform hierarchical MoO <sub>2</sub> /carbon spheres with high cycling performance for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 12038	13	54
190	Porous titania with heavily self-doped Ti <sup>3+</sup> for specific sensing of CO at room temperature. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5924-30	5.1	89
189	Highly efficient dehydrogenation of formic acid over a palladium-nanoparticle-based Mott-Schottky photocatalyst. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11822-5	16.4	180
188	Synergistic effect of Brønsted acid and platinum on purification of automobile exhaust gases. <i>Scientific Reports</i> , <b>2013</b> , 3, 2349	4.9	14
187	Sol-gel preparation of efficient red phosphor Mg <sub>2</sub> TiO <sub>4</sub> :Mn <sup>4+</sup> and XAFS investigation on the substitution of Mn <sup>4+</sup> for Ti <sup>4+</sup> . <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 4327	7.1	77
186	Distinct effect of hierarchical structure on performance of anatase as an anode material for lithium-ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 26052	3.7	6
185	Hierarchical porous carbon spheres as an anode material for lithium ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 10823	3.7	32

184	Elucidation of the chemical environment for zinc species in an electron-rich zinc-incorporated zeolite. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 202, 111-115	3.3	9
183	Cerium vanadate nanoparticles as a new anode material for lithium ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 7403	3.7	21
182	Facile synthesis of thermal- and photostable titania with paramagnetic oxygen vacancies for visible-light photocatalysis. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 2866-73	4.8	124
181	Amorphous silicon with high specific surface area prepared by a sodiothermic reduction method for supercapacitors. <i>Chemical Communications</i> , <b>2013</b> , 49, 5007-9	5.8	27
180	A graphene-wrapped silver porous silicon composite with enhanced electrochemical performance for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 13648	13	64
179	Hierarchical Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /TiO <sub>2</sub> composite tubes with regular structural imperfection for lithium ion storage. <i>Scientific Reports</i> , <b>2013</b> , 3, 3490	4.9	45
178	Highly Efficient Dehydrogenation of Formic Acid over a Palladium-Nanoparticle-Based Mott-Schottky Photocatalyst. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12038-12041	3.6	54
177	Carbon nanocolumn arrays prepared by pulsed laser deposition for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 203, 140-144	8.9	8
176	Decomposition of CO <sub>2</sub> to carbon and oxygen under mild conditions over a zinc-modified zeolite. <i>Chemical Communications</i> , <b>2012</b> , 48, 2325-7	5.8	19
175	Porous vanadium-doped titania with active hydrogen: a renewable reductant for chemoselective hydrogenation of nitroarenes under ambient conditions. <i>Chemical Communications</i> , <b>2012</b> , 48, 9032-4	5.8	28
174	3D-hierarchical SnS <sub>2</sub> micro/nano-structures: controlled synthesis, formation mechanism and lithium ion storage performances. <i>CrystEngComm</i> , <b>2012</b> , 14, 1364-1375	3.3	92
173	Mesoporous titania rods as an anode material for high performance lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 214, 298-302	8.9	46
172	Single-site photocatalysts with a porous structure. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2012</b> , 468, 2099-2112	2.4	16
171	A precursor route to single-crystalline WO <sub>3</sub> nanoplates with an uneven surface and enhanced sensing properties. <i>Dalton Transactions</i> , <b>2012</b> , 41, 9773-80	4.3	43
170	Synergistic Effect on the Photoactivation of the Methane C-H Bond over Ga <sup>3+</sup> -Modified ETS-10. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 4780-4784	3.6	14
169	Synergistic effect on the photoactivation of the methane C-H bond over Ga(3+)-modified ETS-10. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4702-6	16.4	60
168	A green chemistry of graphene: photochemical reduction towards monolayer graphene sheets and the role of water adlayers. <i>ChemSusChem</i> , <b>2012</b> , 5, 642-6	8.3	51
167	Controlled synthesis of magnetic Pd/Fe <sub>3</sub> O <sub>4</sub> spheres via an ethylenediamine-assisted route. <i>Dalton Transactions</i> , <b>2012</b> , 41, 3204-8	4.3	27

166	Light-Driven Preparation, Microstructure, and Visible-Light Photocatalytic Property of Porous Carbon-Doped TiO <sub>2</sub> . <i>International Journal of Photoenergy</i> , <b>2012</b> , 2012, 1-9	2.1	15
165	Experimental Validation of the Importance of Thermally Stable Bulk Reduction States in TiO <sub>2</sub> for Gas Sensor Applications. <i>Acta Chimica Sinica</i> , <b>2012</b> , 70, 1477	3.3	6
164	Host-Guest Functional Materials <b>2011</b> , 405-428		3
163	Effect of Heterojunction on the Behavior of Photogenerated Charges in Fe <sub>3</sub> O <sub>4</sub> @Fe <sub>2</sub> O <sub>3</sub> Nanoparticle Photocatalysts. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 8637-8642	3.8	100
162	Carbon-Coated V <sub>2</sub> O <sub>5</sub> Nanocrystals as High Performance Cathode Material for Lithium Ion Batteries. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 5290-5292	9.6	213
161	Macroporous V <sub>2</sub> O <sub>5</sub> /BiVO <sub>4</sub> Composites: Effect of Heterojunction on the Behavior of Photogenerated Charges. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 8064-8071	3.8	228
160	Light-driven transformation of ZnS-cyclohexylamine nanocomposite into zinc hydroxysulfate: a photochemical route to inorganic nanosheets. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9106-13	5.1	17
159	Direct conversion of urea into graphitic carbon nitride over mesoporous TiO <sub>2</sub> spheres under mild condition. <i>Chemical Communications</i> , <b>2011</b> , 47, 1066-8	5.8	140
158	Extended structures and physicochemical properties of uranyl-organic compounds. <i>Accounts of Chemical Research</i> , <b>2011</b> , 44, 531-40	24.3	342
157	Metal-free activation of dioxygen by graphene/g-C <sub>3</sub> N <sub>4</sub> nanocomposites: functional dyads for selective oxidation of saturated hydrocarbons. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 8074-7	16.4	505
156	Efficient Sunlight-Driven Dehydrogenative Coupling of Methane to Ethane over a Zn <sup>+</sup> -Modified Zeolite. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8449-8453	3.6	40
155	Efficient sunlight-driven dehydrogenative coupling of methane to ethane over a Zn <sup>(+)</sup> -modified zeolite. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8299-303	16.4	139
154	High stability and superior rate capability of three-dimensional hierarchical SnS <sub>2</sub> microspheres as anode material in lithium ion batteries. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 3650-3654	8.9	154
153	Synthesis of SnO <sub>2</sub> hollow nanostructures with controlled interior structures through a template-assisted hydrothermal route. <i>Dalton Transactions</i> , <b>2011</b> , 40, 8517-9	4.3	24
152	Montmorillonite-supported Ag/TiO <sub>2</sub> nanoparticles: an efficient visible-light bacteria photodegradation material. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2010</b> , 2, 544-50	9.5	171
151	Self-Oriented Single Crystalline Silicon Nanorod Arrays through a Chemical Vapor Reaction Route. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 2471-2475	3.8	1
150	Light-induced formation of porous TiO <sub>2</sub> with superior electron-storing capacity. <i>Chemical Communications</i> , <b>2010</b> , 46, 2112-4	5.8	45
149	Carbon nanocages with nanographene shell for high-rate lithium ion batteries. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9748		56

148	Sensor material based on occluded trisulfur anionic radicals for convenient detection of trace amounts of water molecules. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 3307		12
147	Preparation and tunable photoluminescence of carbogenic nanoparticles confined in a microporous magnesium-aluminophosphate. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5859-67	5.1	42
146	Mild hydrothermal preparation of a layered metal hydroxide salt with microtube/rod morphology. <i>Particuology</i> , <b>2010</b> , 8, 192-197	2.8	3
145	The effect of Al <sup>3+</sup> treatment on charge dynamics in dye-sensitized nanocrystalline TiO <sub>2</sub> solar cells explored by photovoltage measurements. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 122, 259-261	4.4	20
144	Synthesis and Characterization of Ethylenediammonium Molybdenum Thiocomplex [H <sub>3</sub> NCH <sub>2</sub> CH <sub>2</sub> NH <sub>3</sub> ][Mo <sub>3</sub> S <sub>13</sub> ]. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 19, 681-688	4.9	3
143	Synthesis and Structural Characterization of Two Molybdenumphosphate Cluster Compounds: (C <sub>14</sub> N <sub>14</sub> H <sub>63</sub> ) Na (H <sub>2</sub> Mo <sub>6</sub> P <sub>4</sub> O <sub>31</sub> ) <sub>2</sub> · 8H <sub>2</sub> O and (C <sub>14</sub> N <sub>14</sub> H <sub>63</sub> ) Na (H <sub>2</sub> Mo <sub>6</sub> P <sub>4</sub> O <sub>31</sub> ) <sub>2</sub> · 5H <sub>2</sub> O. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 20, 858-864	4.9	1
142	Synthesis, structure and photoluminescence of two zinc carboxylate polymers with different coordination architectures. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 21, 1305-1308	4.9	9
141	Formation of nanographite using GaPO <sub>4</sub> -LTA as template. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 22, 1399-1402		
140	Construction of Three-Dimensional Uranyl Organic Frameworks with Benzenetricarboxylate Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 3780-3788	2.3	70
139	Synthesis, structure characterization and photocatalytic properties of two new uranyl naphthalene-dicarboxylate coordination polymer compounds. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 1542-1547	3.1	54
138	Controlled modification of multi-walled carbon nanotubes with CuO, Cu <sub>2</sub> O and Cu nanoparticles. <i>Solid State Sciences</i> , <b>2009</b> , 11, 655-659	3.4	37
137	Carbon anode material formed from template molecules occluded in a magnesium-substituted aluminophosphate. <i>Materials Chemistry and Physics</i> , <b>2009</b> , 113, 309-313	4.4	2
136	Unambiguous Observation of Electron Transfer from a Zeolite Framework to Organic Molecules. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 6806-6810	3.6	10
135	Unambiguous observation of electron transfer from a zeolite framework to organic molecules. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 6678-82	16.4	37
134	Hierarchical porous carbon derived from rice straw for lithium ion batteries with high-rate performance. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 130-133	5.1	192
133	Decoration of multiwalled carbon nanotubes with CoO and NiO nanoparticles and studies of their magnetism properties. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 337, 272-7	9.3	21
132	New indium selenite-oxalate and indium oxalate with two- and three-dimensional structures. <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 102-106	3.3	10
131	General synthesis of uniform metal sulfide colloidal particles via autocatalytic surface growth: a self-correcting system. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3132-8	5.1	16

130	Magnetically recyclable Ag-ferrite catalysts: general synthesis and support effects in the epoxidation of styrene. <i>Dalton Transactions</i> , <b>2009</b> , 10527-33	4.3	37
129	Effect of Surface Cations on Photoelectric Conversion Property of Nanosized Zirconia. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 9114-9120	3.8	21
128	One-pot synthesis of Ag-Fe <sub>3</sub> O <sub>4</sub> nanocomposite: a magnetically recyclable and efficient catalyst for epoxidation of styrene. <i>Chemical Communications</i> , <b>2008</b> , 3414-6	5.8	168
127	Preparation, structures, and photocatalytic properties of three new uranyl-organic assembly compounds. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 4844-53	5.1	205
126	Synthesis, structures and photoluminescence of two Er(III) coordination polymers. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 945-955	1.6	12
125	Synthesis of uranium oxide nanoparticles and their catalytic performance for benzyl alcohol conversion to benzaldehyde. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 1146		57
124	Heterometal alkoxides as precursors for the preparation of porous Fe- and Mn-TiO <sub>2</sub> photocatalysts with high efficiencies. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 11123-31	4.8	50
123	Effects of raw material texture and activation manner on surface area of porous carbons derived from biomass resources. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 327, 108-14	9.3	29
122	Controlled modification of multiwalled carbon nanotubes with ZnO nanostructures. <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 822-827	3.3	43
121	Preparation and gas storage of high surface area microporous carbon derived from biomass source cornstalks. <i>Bioresource Technology</i> , <b>2008</b> , 99, 4803-8	11	69
120	Spontaneous superlattice formation of ZnO nanocrystals capped with ionic liquid molecules. <i>Chemical Communications</i> , <b>2007</b> , 4131-3	5.8	16
119	Fabrication and Growth Mechanism of Selenium and Tellurium Nanobelts through a Vacuum Vapor Deposition Route. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 12926-12932	3.8	51
118	Chapter 5. Structural Diversity and Potential Applications of Metal-Organic Coordination Polymers <b>2007</b> , 76-94		
117	<b>2007</b> ,		216
116	Structural variation from 1D to 3D: effects of ligands and solvents on the construction of lead(II)-organic coordination polymers. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3248-61	4.8	266
115	Controlled synthesis, growth mechanism, and properties of monodisperse CdS colloidal spheres. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8754-61	4.8	62
114	A three-dimensional framework constructed from gadolinium(III) and molybdenum through linkage of pyridine-2,5-dicarboxylate groups. <i>Journal of Molecular Structure</i> , <b>2007</b> , 827, 114-120	3.4	10
113	Formation of CuS nanotube arrays from CuCl Nanorods through a gas-solid reaction route. <i>Journal of Crystal Growth</i> , <b>2007</b> , 299, 386-392	1.6	48



112	Microporous carbon derived from pinecone hull as anode material for lithium secondary batteries. <i>Materials Letters</i> , <b>2007</b> , 61, 5209-5212	3.3	39
111	Microporous carbon from biomass. <i>Studies in Surface Science and Catalysis</i> , <b>2007</b> , 1479-1485	1.8	
110	A Facile Route to Mesoporous Carbon Catalyst Support Modified with Magnetic Nanoparticles. <i>Chemistry Letters</i> , <b>2007</b> , 36, 422-423	1.7	11
109	Formation of Single-Crystalline CuS Nanoplates Vertically Standing on Flat Substrate. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 2265-2267	3.5	63
108	Highly luminescent ZnO nanocrystals stabilized by ionic-liquid components. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7370-3	16.4	144
107	A Two-coordinate Copper(I) Complex Constructed from Cyanuric Acid and 4,4'-Bipyridyl: Synthesis, Structure and Photoluminescence. <i>Chinese Journal of Chemistry</i> , <b>2006</b> , 24, 1045-1049	4.9	8
106	Phenoxymethylpenicillin intercalated hydrotalcite as a bacteria inhibitor. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2006</b> , 81, 89-93	3.5	18
105	Highly Luminescent ZnO Nanocrystals Stabilized by Ionic-Liquid Components. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 7530-7533	3.6	22
104	Structures, photoluminescence, up-conversion, and magnetism of 2D and 3D rare-earth coordination polymers with multicarboxylate linkages. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 2857-65	5.1	386
103	Homochiral porous lanthanide phosphonates with 1D triple-strand helical chains: synthesis, photoluminescence, and adsorption properties. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 4431-9	5.1	147
102	Synthesis of amphiphilic superparamagnetic ferrite/block copolymer hollow submicrospheres. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8382-3	16.4	136
101	Uranyl pyridine-dicarboxylate compounds with clustered water molecules. <i>Inorganic Chemistry Communication</i> , <b>2006</b> , 9, 595-598	3.1	65
100	Syntheses and photoluminescent properties of two uranyl-containing compounds with extended structures. <i>Polyhedron</i> , <b>2006</b> , 25, 1359-1366	2.7	97
99	Syntheses, structures, and magnetic properties of mixed-valent diruthenium(II,III) diphosphonates with discrete and one-dimensional structures. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 4309-14	5.1	51
98	Controlled growth and photocatalytic properties of CdS nanocrystals implanted in layered metal hydroxide matrixes. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 21602-7	3.4	52
97	Polyether-Grafted ZnO Nanoparticles with Tunable and Stable Photoluminescence at Room Temperature. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 3062-3064	9.6	118
96	Three-dimensional 3d-4f heterometallic coordination polymers: synthesis, structures, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 5241-6	5.1	164
95	Preparation of hollow layered MoO <sub>3</sub> microspheres through a resin template approach. <i>Journal of Solid State Chemistry</i> , <b>2005</b> , 178, 390-394	3.3	20

94	Synthesis and characterization of Cd <sup>II</sup> and Zn <sup>II</sup> layered double hydroxides intercalated with dodecyl sulfate. <i>Journal of Solid State Chemistry</i> , <b>2005</b> , 178, 1830-1836	3.3	46
93	Investigation into the role of MgO in the synthesis of MAPO-11 large single crystals. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 79, 79-84	5.3	18
92	Water-insoluble Ag-U-organic assemblies with photocatalytic activity. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 2642-50	4.8	236
91	Synthesis, Structures and Electrochemical Properties of Nitro- and Amino-Functionalized Diiron Azadithiolates as Active Site Models of Fe-Only Hydrogenases. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 803-803	4.8	
90	Solvothermal Synthesis and Characterization of Zn(NH <sub>3</sub> )CO <sub>3</sub> Single Crystal. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 817, 130		2
89	Hydrothermal Synthesis of Ce <sup>3+</sup> and Tb <sup>3+</sup> co-doped Ca <sub>3</sub> Al <sub>2</sub> (OH) <sub>12</sub> Luminescent Material. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 817, 136		
88	Preparation and characterization of magadiite grafted with an azobenzene derivative. <i>Solid State Sciences</i> , <b>2004</b> , 6, 1001-1006	3.4	14
87	Eu <sup>3+</sup> and Lysine Co-intercalated Zirconium Phosphate and Its Catalytic Activity for Copolymerization of Propylene Oxide and CO <sub>2</sub> . <i>Catalysis Letters</i> , <b>2004</b> , 94, 95-102	2.8	7
86	Construction of a microporous inorganic-organic hybrid compound with uranyl units. <i>Chemical Communications</i> , <b>2004</b> , 1814-5	5.8	127
85	Sol-gel synthesis and magnetization study of Mn <sup>1-x</sup> Cu <sup>x</sup> Fe <sub>2</sub> O <sub>4</sub> (x=0, 0.2) nanocrystallites. <i>Solid State Communications</i> , <b>2004</b> , 131, 519-522	1.6	21
84	Hydrothermal synthesis and luminescent properties of Sb <sup>3+</sup> -doped Sr <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> . <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 3114-3118	3.3	19
83	Synthesis, structures and electrochemical properties of nitro- and amino-functionalized diiron azadithiolates as active site models of Fe-only hydrogenases. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 4474-9	4.8	80
82	Syntheses, structures and properties of three cluster-based coordination polymers: influence of the metal ions on the ligand coordination mode and crystal chirality. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 1389-1396	2.7	19
81	Structure and magnetic properties of a novel copper diphosphonate with pillared layered structure:: Cu <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> {O <sub>3</sub> PCH <sub>2</sub> N(C <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> NCH <sub>2</sub> PO <sub>3</sub> }. <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 1297-1301	2.3	40
80	Polyether-grafted SnO <sub>2</sub> nanoparticles designed for solid polymer electrolytes with long-term stability. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 2775		27
79	In situ hydrothermal preparation of CdS/polymer composite particles with cadmium-containing polymer latexes. <i>Materials Letters</i> , <b>2004</b> , 58, 384-386	3.3	8
78	Synthesis, structure, and photoelectronic effects of a uranium-zinc-organic coordination polymer containing infinite metal oxide sheets. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 9266-7	16.4	294
77	12-Tungstosilicic acid doped polyethylene oxide as a proton conducting polymer electrolyte. <i>Materials Chemistry and Physics</i> , <b>2003</b> , 80, 537-540	4.4	10

76	A novel 3D network coordination polymer consisting of paddlewheel Co <sub>3</sub> clusters connected by PO <sub>4</sub> and 4-pyridinecarboxylate. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 1429-1432	3.1	8
75	Photoluminescent metal-organic polymer constructed from trimetallic clusters and mixed carboxylates. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 944-6	5.1	625
74	Photoluminescent and photovoltaic properties observed in a zinc borate Zn <sub>2</sub> (OH)BO <sub>3</sub> . <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 2227-2233		43
73	Chemical formation of mononuclear univalent zinc in a microporous crystalline silicoaluminophosphate. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 6622-3	16.4	57
72	Controlled growth of Sb <sub>2</sub> O <sub>5</sub> nanoparticles and their use as polymer electrolyte fillers. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 1994-1998		20
71	Assembly of a manganese(II) pyridine-3,4-dicarboxylate polymeric network based on infinite MnO <sub>2</sub> chains. <i>Dalton Transactions</i> , <b>2003</b> , 28-30	4.3	62
70	A uranium-zinc-organic molecular compound containing planar tetranuclear uranyl units. <i>Dalton Transactions</i> , <b>2003</b> , 4219-4220	4.3	47
69	{M(C <sub>5</sub> H <sub>4</sub> N)CH(OH)PO <sub>3</sub> }(H <sub>2</sub> O) (M = Mn, Fe, Co): layered compounds based on [hydroxy(4-pyridyl)methyl]phosphonate. <i>Dalton Transactions</i> , <b>2003</b> , 953-956	4.3	14
68	A Chiral Lead Borate Containing Infinite and Finite Chains Built up from BO <sub>4</sub> and BO <sub>3</sub> Units. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 1314-1318	9.6	89
67	Synthesis and X-ray crystal structures of two new alkaline-earth metal borates: SrBO <sub>2</sub> (OH) and Ba <sub>3</sub> B <sub>6</sub> O <sub>9</sub> (OH) <sub>6</sub> . <i>Dalton Transactions RSC</i> , <b>2002</b> , 2031-2035		28
66	Preparation and characterization of semiconductor-organic films with a mesolamellar structure. <i>Materials Letters</i> , <b>2002</b> , 52, 24-28	3.3	1
65	Hydrothermal synthesis and photoluminescent properties of ZnWO <sub>4</sub> and Eu <sup>3+</sup> -doped ZnWO <sub>4</sub> . <i>Materials Letters</i> , <b>2002</b> , 55, 152-157	3.3	91
64	Hydrothermal synthesis and photoluminescent properties of Sb <sup>3+</sup> -doped and (Sb <sup>3+</sup> ,Mn <sup>2+</sup> )-co-doped calcium hydroxyapatite. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 3761-3765		28
63	Synthesis and Characterization of a New Layered Barium Aluminate Containing Six-Membered Rings: BaAl <sub>2</sub> O <sub>3</sub> (OH)2·H <sub>2</sub> O. <i>Journal of Solid State Chemistry</i> , <b>2001</b> , 161, 243-248	3.3	2
62	Hydrothermal Synthesis and Characterization of Two New Three-Dimensional Titanium Phosphates. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 2017-2022	9.6	26
61	New Polymer-Inorganic Nanocomposites: PEO <sub>n</sub> O and PEO <sub>n</sub> O <sub>2</sub> ·iC <sub>16</sub> O <sub>4</sub> Films. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 10169-10174	3.4	194
60	Dual Function of Racemic Isopropanolamine as Solvent and as Template for the Synthesis of a New Layered Aluminophosphate: [NH <sub>3</sub> CH <sub>2</sub> CH(OH)CH <sub>3</sub> ] <sub>3</sub> [Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> ]. <i>Journal of Solid State Chemistry</i> , <b>2000</b> , 151, 145-149	3.3	28
59	Mesolamellar molybdenum sulfides with intercalated cetyltrimethylammonium cations. <i>Inorganic Chemistry Communication</i> , <b>2000</b> , 3, 129-131	3.1	7

58	Synthesis and structural characterisation of a new layered aluminophosphate [C <sub>3</sub> H <sub>12</sub> N <sub>2</sub> ][Al <sub>2</sub> P <sub>2</sub> O <sub>8</sub> (OH) <sub>2</sub> ][H <sub>2</sub> O]. <i>Dalton Transactions RSC</i> , <b>2000</b> , 1981-1984		15
57	Synthesis and structural characterization of a new open-framework tin(II) phosphate: [Sn <sub>4</sub> (PO <sub>4</sub> ) <sub>3</sub> ]-0.5[C <sub>4</sub> N <sub>2</sub> H <sub>12</sub> ] <sub>2+</sub> . <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 1820-2	5.1	14
56	The first organo-templated cobalt phosphate with a zeolite topology. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 1476-9	5.9	57
55	Mixed-bonded open-framework aluminophosphates and related layered materials. <i>Topics in Catalysis</i> , <b>1999</b> , 9, 93-103	2.3	29
54	Synthesis and Structural Characterization of a New Layered Aluminophosphate Intercalated with Triply-Protonated Triethylenetetramine [C <sub>6</sub> H <sub>21</sub> N <sub>4</sub> ][Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> ]. <i>Journal of Solid State Chemistry</i> , <b>1999</b> , 146, 458-463	3.3	20
53	A Metal-Rich Fluorinated Indium Phosphate, 4[NH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> ][B[H <sub>3</sub> O][In <sub>9</sub> (PO <sub>4</sub> ) <sub>6</sub> (HPO <sub>4</sub> ) <sub>2</sub> F <sub>16</sub> ][BH <sub>2</sub> O], with 14-Membered Ring Channels. <i>Chemistry of Materials</i> , <b>1998</b> , 10, 773-776	9.6	32
52	Absorption spectra of Se and HgI <sub>2</sub> chains in channels of AlPO <sub>4</sub> -5 single crystal. <i>Applied Physics Letters</i> , <b>1997</b> , 70, 34-36	3.4	33
51	New routes for synthesizing mesoporous material. <i>Studies in Surface Science and Catalysis</i> , <b>1997</b> , 77-84	1.8	1
50	A family of unusual lamellar aluminophosphates synthesized from non-aqueous systems. <i>Studies in Surface Science and Catalysis</i> , <b>1997</b> , 389-396	1.8	1
49	Synthesis of various indium phosphates in the presence of amine templates. <i>Studies in Surface Science and Catalysis</i> , <b>1997</b> , 105, 397-404	1.8	8
48	Synthesis and structural characterisation of two- and three-dimensional fluorinated indium phosphates. <i>Chemical Communications</i> , <b>1997</b> , 781-782	5.8	28
47	New chain architecture for a one-dimensional aluminophosphate, [H <sub>3</sub> NCH <sub>2</sub> CH <sub>2</sub> NH <sub>3</sub> ][AlP <sub>2</sub> O <sub>8</sub> H]. <i>Chemical Communications</i> , <b>1997</b> , 1273-1274	5.8	58
46	Synthesis and Characterization of a Family of Amine-Intercalated Lamellar Aluminophosphates from Alcoholic System. <i>Chemistry of Materials</i> , <b>1997</b> , 9, 457-462	9.6	52
45	The Synthesis and Characterization of a Two-Dimensional Cobalt-Zinc Phosphate: NH <sub>4</sub> [Zn <sub>2-x</sub> Cox(PO <sub>4</sub> )(HPO <sub>4</sub> )] (x [0, 1, 2]). <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 9940-9942	3.4	9
44	Synthesis and characterization of novel open-framework cobalt phosphates from aqueous-alcoholic systems. <i>Studies in Surface Science and Catalysis</i> , <b>1997</b> , 105, 381-388	1.8	1
43	Infrared Study on the Dehydroxylation of C <sub>60</sub> -Loaded MCM-41. <i>Langmuir</i> , <b>1997</b> , 13, 2050-2054	4	27
42	Nonaqueous Synthesis and Characterization of a New 2-Dimensional Layered Aluminophosphate [Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> ] <sub>3</sub> ·3[CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> ] <sub>+</sub> . <i>Journal of Solid State Chemistry</i> , <b>1997</b> , 129, 37-44	3.3	63
41	Synthesis and characterization of a novel layered titanium silicate JDF-L1. <i>Journal of Materials Chemistry</i> , <b>1996</b> , 6, 1827		28

40	Organo-template control of inorganic structures: a low-symmetry two-dimensional sheet aluminophosphate $3[\text{NH}_3\text{CHMeCH}_2\text{NH}_3][\text{Al}_6\text{P}_8\text{O}_{32}]\cdot 10\text{H}_2\text{O}$ . <i>Chemical Communications</i> , <b>1996</b> , 1781-1782	5.8	47
39	On the crystallisation and nature of the microporous boron-aluminium oxo chloride BAC(10). <i>Journal of Materials Chemistry</i> , <b>1996</b> , 6, 465-468		24
38	Synthesis and characterization of an unusual lamellar aluminophosphate synthesized from an alcohol system. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 3303		13
37	Synthesis and Structure of a Chain Aluminophosphate Filled with $[\text{NH}_4]^+$ and $[\text{H}_3\text{NCH}_2\text{CH}_2\text{NH}_3]^2+$ Cations. <i>Journal of Solid State Chemistry</i> , <b>1996</b> , 127, 145-150	3.3	52
36	Distinguishing the Silanol Groups in the Mesoporous Molecular Sieve MCM-41. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 34, 2694-2696		113
35	Formation of single-crystal cobalt-substituted gallophosphate LTA from an alcoholic system. <i>Microporous Materials</i> , <b>1996</b> , 5, 333-336		16
34	Synthesis and characterization of aluminophosphate molecular sieve AlPO <sub>4</sub> -41 from alcohol systems. <i>Microporous Materials</i> , <b>1996</b> , 7, 219-223		11
33	Hydrothermal synthesis and characterization of a new boron-aluminium oxochloride. <i>Polyhedron</i> , <b>1996</b> , 15, 4127-4132	2.7	15
32	Bimodal mesopore distribution in a silica prepared by calcining a wet surfactant-containing silicate gel. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 2367		12
31	Zur Unterscheidung der Silanolgruppen im mesoporösen Molekularsieb MCM-41. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 2898-2900	3.6	16
30	Bronsted, Lewis, and Redox Centers on CoAPO-18 Catalysts. 1. Vibrational Modes of Adsorbed Water. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 13350-13356		73
29	A Novel Open-Framework Cobalt Phosphate Containing a Tetrahedrally Coordinated Cobalt(II) Center: $\text{CoPO}_4 \cdot 0.5 \text{C}_2\text{H}_{10}\text{N}_2$ . <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 639-640		180
28	On the Nature of the Active Site in a CoAPO-18 Solid Acid Catalyst. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1871-1873		68
27	An open-framework zinc phosphate with $\text{Zn}^2\text{O}^2\text{Zn}$ linkages. <i>Advanced Materials</i> , <b>1994</b> , 6, 679-680	24	53
26	Ein neues Cobaltphosphat mit Hohlraumstruktur und tetraedrisch koordinierten Co(II)-Zentren: $\text{CoPO}_4 \cdot 0.5 \text{C}_2\text{H}_{10}\text{N}_2$ . <i>Angewandte Chemie</i> , <b>1994</b> , 106, 667-668	3.6	23
25	Silicoaluminophosphate number eighteen (SAPO-18): a new microporous solid acid catalyst. <i>Catalysis Letters</i> , <b>1994</b> , 28, 241-248	2.8	77
24	MAPO-18 (M Mg, Zn, Co): a new family of catalysts for the conversion of methanol to light olefins. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 603		95
23	SAPO-18 Catalysts and Their Bronsted Acid Sites. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 10216-10224		124

22	IR spectroscopic study of CD <sub>3</sub> CN adsorbed on ALPO-18 molecular sieve and the solid acid catalysts SAPO-18 and MeAPO-18. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1994</b> , 90, 3455		68
21	Formation of hydronium at the Broensted site in SAPO-34 catalysts. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 8109-8112		103
20	Synthesis and structure of a novel large-pore microporous magnesium-containing aluminophosphate (DAF-1). <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 633		54
19	Structure of an Unusual Aluminium Phosphate ([Al <sub>5</sub> P <sub>6</sub> O <sub>24</sub> H] <sub>2</sub> -2[N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> H] <sup>+</sup> · 2H <sub>2</sub> O) JDF-20 with Large Elliptical Apertures. <i>Journal of Solid State Chemistry</i> , <b>1993</b> , 102, 204-208	3-3	85
18	Real-space imaging of molecular sieves composed of aluminum phosphates and their metal-substituted analogs. <i>The Journal of Physical Chemistry</i> , <b>1992</b> , 96, 8206-8209		17
17	A novel porous sheet aluminophosphate: Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> (OH) <sub>1.5</sub> [NH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> NH <sub>3</sub> ] <sub>2</sub> <sup>+</sup> . <i>Journal of the Chemical Society Chemical Communications</i> , <b>1992</b> , 929		93
16	Cobalt-substituted aluminophosphate molecular sieves: x-ray absorption, infrared spectroscopic, and catalytic studies. <i>Chemistry of Materials</i> , <b>1992</b> , 4, 1373-1380	9.6	57
15	Synthesis and structure of a new microporous anionic derivative of germanium dioxide: [Ge <sub>18</sub> O <sub>38</sub> (OH) <sub>4</sub> ] <sub>8</sub> -[(C <sub>2</sub> N <sub>2</sub> H <sub>10</sub> ) <sub>2</sub> ] <sub>4</sub> · 2H <sub>2</sub> O. <i>Chemistry of Materials</i> , <b>1992</b> , 4, 808-812	9.6	58
14	Solving the Structure of a Metal-Substituted Aluminum Phosphate Catalyst by Electron Microscopy, Computer Simulation, and X-ray Powder Diffraction. <i>Angewandte Chemie International Edition in English</i> , <b>1992</b> , 31, 1472-1475		51
13	New Families of M(III)X(V)O <sub>4</sub> -Type Microporous Crystals and Inclusion Compounds. <i>Studies in Surface Science and Catalysis</i> , <b>1991</b> , 60, 63-72	1.8	29
12	Synthesis of SAPO-41 and SAPO-44 and their performance as acidic catalysts in the conversion of methanol to hydrocarbons. <i>Catalysis Letters</i> , <b>1991</b> , 11, 199-207	2.8	23
11	The synthesis and crystal structure of a novel clay-like gallophosphate with sub-unit-cell intergrowths of ethylenediamine: [GaPO <sub>4</sub> (OH)] <sub>10</sub> (H <sub>3</sub> NCH <sub>2</sub> CH <sub>2</sub> NH <sub>3</sub> ) <sub>2</sub> <sup>+</sup> . <i>Journal of the Chemical Society Chemical Communications</i> , <b>1991</b> , 1520-1522		37
10	Synthesis and characterization of two aluminarsenates with occluded ethylenediamine. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1990</b> , 3319		3
9	Synthesis and structure of a novel aluminarsenate with an open framework. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 810		25
8	Preparation and structural characterization of a novel galloarsenate using a dimethylamine template. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 1217		28
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1	Design of Functional Carbon Composite Materials for Energy Conversion and Storage. <i>Chemical Research in Chinese Universities</i> ,1		2.2	0