

# Yi Tang

## 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.

133  
papers

6,242  
citations

35  
h-index

77  
g-index

146  
ext. papers

7,317  
ext. citations

8.3  
avg, IF

5.96  
L-index

#	Paper	IF	Citations
133	Colloidal magnesium hydroxide Nanoflake: One-Step Surfactant-Assisted preparation and Paper-Based relics protection with Long-Term Anti-Acidification and Flame-Retardancy. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 607, 992-1004	9.3	3
132	MXene Nanoarchitectonics: Defect-Engineered 2D MXenes towards Enhanced Electrochemical Water Splitting. <i>Advanced Energy Materials</i> , <b>2022</b> , 12, 2103867	21.8	11
131	N-Doped Molybdenum Carbides Embedded in Porous Carbon for Efficient Hydrogen Evolution. <i>Materials Today Energy</i> , <b>2022</b> , 100992	7	1
130	In-situ reconstruction of catalysts in cathodic electrocatalysis: New insights into active-site structures and working mechanisms. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 70, 414-436	12	3
129	One-Pot Exfoliation and Functionalization of Zeolite Nanosheets for Protection of Paper-Based Relics. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 10645-10656	5.6	1
128	Mesocrystal morphology regulation by "alkali metals ion switch": Re-examining zeolite nonclassical crystallization in seed-induced process. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 608, 1366-1376	9.3	0
127	Observing a Zeolite Nucleus (Subcrystal) with a Uniform Framework Structure and Its Oriented Attachment without Single-Molecule Addition. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13556-13563	3.6	1
126	Product Control and Insight into Conversion of C6 Aldose Toward C2, C4 and C6 Alditols in One-Pot Retro-Aldol Condensation and Hydrogenation Processes. <i>ChemistryOpen</i> , <b>2021</b> , 10, 560-566	2.3	
125	Interlayer engineering of molybdenum disulfide toward efficient electrocatalytic hydrogenation. <i>Science Bulletin</i> , <b>2021</b> , 66, 1003-1012	10.6	11
124	Observing a Zeolite Nucleus (Subcrystal) with a Uniform Framework Structure and Its Oriented Attachment without Single-Molecule Addition. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13444-13451	16.4	19
123	Polylysine-modified MXene nanosheets with highly loaded glucose oxidase as cascade nanoreactor for glucose decomposition and electrochemical sensing. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 20-29	9.3	18
122	MoC nanodots toward efficient electrocatalytic hydrogen evolution: an interlayer-confined strategy with a 2D-zeolite precursor. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 4724-4733	13	7
121	Nickel-doped Co <sub>4</sub> N nanowire bundles as efficient electrocatalysts for oxygen evolution reaction. <i>Science China Materials</i> , <b>2021</b> , 64, 1889-1899	7.1	8
120	Phosphorus-doped molybdenum carbide/MXene hybrid architectures for upgraded hydrogen evolution reaction performance over a wide pH range. <i>Chemical Engineering Journal</i> , <b>2021</b> , 423, 130183	14.7	10
119	Chinese ink-promoted co-assembly synthesis of 3D hierarchically structured and porous MoC <sub>x</sub> /C nanocomposites for highly efficient hydrogen evolution reaction. <i>Carbon</i> , <b>2020</b> , 170, 558-566	10.4	4
118	Selectively Functionalized Zeolite NaY Composite Materials for High-Efficiency Multiple Protection of Paper Relics. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 11196-11205	3.9	3
117	The effect of in situ nitrogen doping on the oxygen evolution reaction of MXenes. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 1187-1194	5.1	23

116	Alkali-metal-ions promoted Zr-Al-Beta zeolite with high selectivity and resistance to coking in the conversion of furfural toward furfural alcohol. <i>Journal of Catalysis</i> , <b>2020</b> , 389, 623-630	7.3	15
115	Hierarchically porous graphitic carbon membrane with homogeneously encapsulated metallic nanoparticles as monolith electrodes for high-performance electrocatalysis and sensing. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 570, 223-231	9.3	1
114	Determination of crystallinity of Chinese handmade papers by means of X-ray diffraction. <i>Restaurator</i> , <b>2020</b> , 41, 69-86	0	0
113	Ultrathin dodecyl-sulfate-intercalated Mg-Al layered double hydroxide nanosheets with high adsorption capability for dye pollution. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 577, 181-190	9.3	18
112	Methanol and Diethanolamine Assisted Synthesis of Flexible Nitrogen-Doped Ti <sub>3</sub> C <sub>2</sub> (MXene) Film for Ultrahigh Volumetric Performance Supercapacitor Electrodes. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 586-596	6.1	19
111	Co-hydrolysis and Seed-Induced Synthesis of Basic Mesoporous ZSM-5 Zeolites with Enhanced Catalytic Performance. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6147-6157	4.8	2
110	Seed-induced synthesis of functional MFI zeolite materials: Method development, crystallization mechanisms, and catalytic properties. <i>Frontiers of Chemical Science and Engineering</i> , <b>2020</b> , 14, 143-158	4.5	2
109	Direct Preparation of High Thermal Stable PLA-Based Nanocomposite via Extra-Low Loading of In Situ Exfoliated Ultrathin MWW Zeolite Nanosheets. <i>Macromolecular Materials and Engineering</i> , <b>2020</b> , 305, 2000406	3.9	1
108	Self-supporting composited electrocatalysts of ultrafine Mo <sub>2</sub> C on 3D-hierarchical porous carbon monoliths for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 23265-23273	13	6
107	Synergistically Coupling Phosphorus-Doped Molybdenum Carbide with MXene as a Highly Efficient and Stable Electrocatalyst for Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 12990-12998	8.3	15
106	Alkali-exchanged Y zeolites as superior deacidifying protective materials for paper relics: Effects of accessibility and strength of basic sites. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 293, 109786	5.3	2
105	Template-Free Synthesis of Chemically Asymmetric Silica Nanotubes for Selective Cargo Loading and Sustained Drug Release. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 4291-4298	9.6	12
104	CoxNi <sub>1-x</sub> nanoalloys on N-doped carbon nanofibers: Electronic regulation toward efficient electrochemical CO <sub>2</sub> reduction. <i>Journal of Catalysis</i> , <b>2019</b> , 372, 277-286	7.3	15
103	Efficient and cost-effective method to synthesize highly purified Ti <sub>4</sub> AlN <sub>3</sub> and Ti <sub>2</sub> AlN. <i>Journal of Advanced Dielectrics</i> , <b>2019</b> , 09, 1950008	1.3	7
102	Noble-Metal-Free Electrocatalysts: Structural Design and Electronic Modulation of Transition-Metal-Carbide Electrocatalysts toward Efficient Hydrogen Evolution (Adv. Mater. 2/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970009	24	8
101	Facile Fabrication and Morphology Regulation of Crossed MFI Zeolite with Improved Performance on LDPE Cracking. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 13174-13181	3.9	10
100	A Zr-Al-Beta zeolite with open Zr(IV) sites: an efficient bifunctional Lewis Brønsted acid catalyst for a cascade reaction. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 4055-4065	5.5	9
99	FTIR Spectroscopy in Cultural Heritage Studies: Non-destructive Analysis of Chinese Handmade Papers. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 586-591	2.2	1

98	Oxidant-Free Transformation of Ethylene Glycol toward Glycolic Acid in Water. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 17559-17564	8.3	12
97	Constructing Mosaic-Tiling MFI Zeolite Mesocrystal with Enhanced Catalytic Performance. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 6192-6198	3.5	2
96	Catalysis and Stability Effect of Solvent Alcohol on the C6 Aldose Conversion toward Tetrose. <i>ChemCatChem</i> , <b>2019</b> , 11, 4182-4188	5.2	3
95	Structural Design and Electronic Modulation of Transition-Metal-Carbide Electrocatalysts toward Efficient Hydrogen Evolution. <i>Advanced Materials</i> , <b>2019</b> , 31, e1802880	24	267
94	CoNiSe <sub>2</sub> heteronanorods decorated with layered-double-hydroxides for efficient hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 242, 132-139	21.8	132
93	A Scalable Upgrading of Concentrated Furfural in Ethanol: Combining Meerwein-Ponndorf-Verley Reduction with in Situ Cross Aldol Condensation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 4316-4320	8.3	17
92	Achieving of Flexible, Free-Standing, Ultracompact Delaminated Titanium Carbide Films for High Volumetric Performance and Heat-Resistant Symmetric Supercapacitors. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705487	15.6	79
91	Silica nanowires with tunable hydrophobicity for lipase immobilization and biocatalytic membrane assembly. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 531, 555-563	9.3	19
90	Direct conversion of C6 sugars to methyl glycerate and glycolate in methanol. <i>RSC Advances</i> , <b>2018</b> , 8, 30163-30170	3.7	4
89	Engineering Fractal MTW Zeolite Mesocrystal: Particle-Based Dendritic Growth via Twinning-Plane Induced Crystallization. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 1101-1108	3.5	12
88	Organic-Inorganic-Hybrid-Derived Molybdenum Carbide Nanoladders: Impacts of Surface Oxidation for Hydrogen Evolution Reaction. <i>ChemNanoMat</i> , <b>2018</b> , 4, 194-202	3.5	19
87	Molybdenum-Incorporated Mesoporous Silica: Surface Engineering toward Enhanced Metal-Support Interactions and Efficient Hydrogenation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42475-42483	9.5	10
86	A novel two-dimensional accordion-like titanium carbide (MXene) for adsorption of Cr(VI) from aqueous solution. <i>Journal of Advanced Dielectrics</i> , <b>2018</b> , 08, 1850035	1.3	20
85	Flexible Nitrogen-Doped 2D Titanium Carbides (MXene) Films Constructed by an Ex Situ Solvothermal Method with Extraordinary Volumetric Capacitance. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1802087	21.8	133
84	Phosphorus-Mo <sub>2</sub> C@carbon nanowires toward efficient electrochemical hydrogen evolution: composition, structural and electronic regulation. <i>Energy and Environmental Science</i> , <b>2017</b> , 10, 1262-1274	35.4	295
83	Effect of pyrazolium-derived compounds as templates in zeolite synthesis. <i>RSC Advances</i> , <b>2017</b> , 7, 23272-23275	3.7	5
82	Mesoporous and Skeletal Molybdenum Carbide for Hydrogen Evolution Reaction: Diatomite-Type Structure and Formation Mechanism. <i>ChemElectroChem</i> , <b>2017</b> , 4, 2169-2177	4.3	23
81	A Partially Graphitic Mesoporous Carbon Membrane with Three-Dimensionally Networked Nanotunnels for Ultrasensitive Electrochemical Detection. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 5286-5293	9.6	30

80	Borate-Stabilized Transformation of C6 Aldose to C4 Aldose. <i>ACS Catalysis</i> , <b>2017</b> , 7, 4473-4478	13.1	8
79	Tailoring the Morphology of MTW Zeolite Mesocrystals: Intertwined Classical/Nonclassical Crystallization. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 3387-3396	9.6	33
78	Electrospinning Hetero-Nanofibers of Fe C-Mo C/Nitrogen-Doped-Carbon as Efficient Electrocatalysts for Hydrogen Evolution. <i>ChemSusChem</i> , <b>2017</b> , 10, 2597-2604	8.3	82
77	CoreShell Zeolite Y@Al <sub>2</sub> O <sub>3</sub> Nanorod Composites: Optimized Fluid Catalytic Cracking Catalyst Assembly for Processing Heavy Oil. <i>ChemCatChem</i> , <b>2017</b> , 9, 2574-2583	5.2	8
76	Seeding Bundlelike MFI Zeolite Mesocrystals: A Dynamic, Nonclassical Crystallization via Epitaxially Anisotropic Growth. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 9247-9255	9.6	18
75	Microwave Influence on Different M-O Bonds During MFI-Type Heteroatom (M) Zeolite Preparation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 11167-11174	3.9	3
74	Silica nanowire assemblies as three-dimensional, optically transparent platforms for constructing highly active SERS substrates. <i>Nanoscale</i> , <b>2017</b> , 9, 15901-15910	7.7	19
73	Fractal MTW Zeolite Crystals: Hidden Dimensions in Nanoporous Materials. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 11764-11768	16.4	11
72	Fractal MTW Zeolite Crystals: Hidden Dimensions in Nanoporous Materials. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 11926-11930	3.6	2
71	Bimetallic Platinum-Tin Nanoparticles on Hydrogenated Molybdenum Oxide for the Selective Hydrogenation of Functionalized Nitroarenes. <i>ChemCatChem</i> , <b>2017</b> , 9, 4199-4205	5.2	18
70	Efficient Production of Biomass-Derived C4 Chiral Synthons in Aqueous Solution. <i>ChemCatChem</i> , <b>2017</b> , 9, 4179-4184	5.2	8
69	Specific microwave effect on Sn- and Ti-MFI zeolite synthesis. <i>RSC Advances</i> , <b>2017</b> , 7, 35252-35256	3.7	2
68	Mesoporous and Skeletal Molybdenum Carbide for Hydrogen Evolution Reaction: Diatomite-type Structure and Formation Mechanism. <i>ChemElectroChem</i> , <b>2017</b> , 4, 2129-2129	4.3	
67	Direct Transformation of HMF into 2,5-Diformylfuran and 2,5-Dihydroxymethylfuran without an External Oxidant or Reductant. <i>ChemSusChem</i> , <b>2017</b> , 10, 494-498	8.3	32
66	Mesoporous nano-WO <sub>x</sub> /ZrO <sub>2</sub> : facile synthesis and improved catalysis. <i>RSC Advances</i> , <b>2016</b> , 6, 82537-82549	4.9	2
65	Enhanced hydrogenation of ethyl-levulinate to Valerolactone over NiO <sub>x</sub> stabilized Cu <sup>+</sup> surface sites. <i>RSC Advances</i> , <b>2016</b> , 6, 87294-87298	3.7	11
64	Efficient hydrogenation of dimethyl oxalate to ethylene glycol via nickel stabilized copper catalysts. <i>RSC Advances</i> , <b>2016</b> , 6, 111415-111420	3.7	7
63	Continuous hydrogenation of ethyl levulinate to Valerolactone and 2-methyl tetrahydrofuran over alumina doped Cu/SiO <sub>2</sub> catalyst: the potential of commercialization. <i>Scientific Reports</i> , <b>2016</b> , 6, 28858	4.9	22

62	Chemoselective hydrogenation of $\beta$ -unsaturated aldehydes on hydrogenated MoOx nanorods supported iridium nanoparticles. <i>Journal of Molecular Catalysis A</i> , <b>2016</b> , 425, 248-254		33
61	Synthesis of Chemically Asymmetric Silica Nanobottles and Their Application for Cargo Loading and as Nanoreactors and Nanomotors. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 14733-14737	16.4	64
60	Synthesis of Chemically Asymmetric Silica Nanobottles and Their Application for Cargo Loading and as Nanoreactors and Nanomotors. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 14953-14957	3.6	17
59	Enhancing Metal-Support Interactions by Molybdenum Carbide: An Efficient Strategy toward the Chemoselective Hydrogenation of $\beta$ -Unsaturated Aldehydes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5698-704	4.8	31
58	Tailoring Zeolite ZSM-5 Crystal Morphology/Porosity through Flexible Utilization of Silicalite-1 Seeds as Templates: Unusual Crystallization Pathways in a Heterogeneous System. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 7141-51	4.8	21
57	Ordered, Highly Zeolitized Mesoporous Aluminosilicates Produced by a Gradient Acidic Assembly Growth Strategy in a Mixed Template System. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 4859-4866	9.6	10
56	An FeMnCu/SiO <sub>2</sub> @silicalite-1 catalyst for CO hydrogenation: the role of the zeolite shell on light-olefin production. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 3559-3567	5.5	7
55	Porous nanoMoC@graphite shell derived from a MOFs-directed strategy: an efficient electrocatalyst for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 6006-6013 <sup>13</sup>		158
54	Heteronanowires of MoC-MoC as efficient electrocatalysts for hydrogen evolution reaction. <i>Chemical Science</i> , <b>2016</b> , 7, 3399-3405	9.4	412
53	Cobalt-Doping in Molybdenum-Carbide Nanowires Toward Efficient Electrocatalytic Hydrogen Evolution. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 5590-5598	15.6	311
52	Direct production of levulinic acid in high yield from cellulose: joint effect of high ion strength and microwave field. <i>RSC Advances</i> , <b>2016</b> , 6, 39131-39136	3.7	20
51	Microexplosion under Microwave Irradiation: A Facile Approach to Create Mesopores in Zeolites. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 2757-2767	9.6	12
50	Organic template-free synthesis of zeolite mordenite nanocrystals through exotic seed-assisted conversion. <i>RSC Advances</i> , <b>2016</b> , 6, 47623-47631	3.7	21
49	Mo <sub>2</sub> C/Reduced-Graphene-Oxide Nanocomposite: An Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , <b>2016</b> , 3, 2110-2115	4.3	25
48	Dehydration of Glycerol to Acrolein over Hierarchical ZSM-5 Zeolites: Effects of Mesoporosity and Acidity. <i>ACS Catalysis</i> , <b>2015</b> , 5, 2548-2558	13.1	126
47	Microwave-Assisted Reactant-Protecting Strategy toward Efficient MoS <sub>2</sub> Electrocatalysts in Hydrogen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 23741-9	9.5	88
46	Controlled nitridation of tantalum (oxy)nitride nanoparticles towards optimized metal-support interactions with gold nanocatalysts. <i>RSC Advances</i> , <b>2015</b> , 5, 89282-89289	3.7	10
45	Future of nano-/hierarchical zeolites in catalysis: gaseous phase or liquid phase system. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 772-785	5.5	74

44	Activity modulation of core and shell in nanozeolite@enzyme bi-functional catalyst for dynamic kinetic resolution. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 438, 22-28	9.3	4
43	Silanization-Based Zeolite Crystallization: Participation Degree and Pathway. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 12161-70	4.8	11
42	Recent advances of pore system construction in zeolite-catalyzed chemical industry processes. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 8877-903	58.5	199
41	Fast synthesis of nanosized zeolite beta from a low-seeded, low-templated dry gel with a seeding-steam-assisted conversion method. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 1247-1251	13	44
40	Enhanced accessibility and utilization efficiency of acid sites in hierarchical MFI zeolite catalyst for effective diffusivity improvement. <i>RSC Advances</i> , <b>2014</b> , 4, 43752-43755	3.7	23
39	Condition screening and process investigation of aldose transformation in borate-containing acidic phosphate buffer system under microwave irradiation. <i>RSC Advances</i> , <b>2014</b> , 4, 39453-39462	3.7	2
38	A nanoporous molybdenum carbide nanowire as an electrocatalyst for hydrogen evolution reaction. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 387-392	35.4	841
37	Metal non-oxide nanostructures developed from organic-inorganic hybrids and their catalytic application. <i>Nanoscale</i> , <b>2014</b> , 6, 14106-20	7.7	42
36	Highly stable boron-modified hierarchical nanocrystalline ZSM-5 zeolite for the methanol to propylene reaction. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 2891-2895	5.5	92
35	Nanowire accumulated Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> spherical catalyst for Fischer-Tropsch synthesis. <i>Chinese Journal of Catalysis</i> , <b>2014</b> , 35, 1661-1668	11.3	3
34	Organic Structure Directing Agent-Free and Seed-Induced Synthesis of Enriched Intracrystal Mesoporous ZSM-5 Zeolite for Shape-Selective Reaction. <i>ChemCatChem</i> , <b>2013</b> , 5, 2874-2878	5.2	30
33	Floating conductive catalytic nano-rafts at soft interfaces for hydrogen evolution. <i>Chemical Science</i> , <b>2013</b> , 4, 3432	9.4	67
32	Electrostatic-induced synthesis of tungsten bronze nanostructures with excellent photo-to-thermal conversion behavior. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 10120	13	31
31	Hierarchical mesoporous ZSM-5 zeolite with increased external surface acid sites and high catalytic performance in o-xylene isomerization. <i>Chinese Journal of Catalysis</i> , <b>2013</b> , 34, 1429-1433	11.3	35
30	Nano-crystallite oriented self-assembled ZSM-5 zeolite and its LDPE cracking properties: Effects of accessibility and strength of acid sites. <i>Journal of Catalysis</i> , <b>2013</b> , 302, 115-125	7.3	107
29	One-dimensional growth of MoO <sub>x</sub> -based organic-inorganic hybrid nanowires with tunable photochromic properties. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 4709		89
28	Rapid detemplation of nanozeolite - microwave-assisted Fenton-like oxidation. <i>RSC Advances</i> , <b>2012</b> , 2, 6036	3.7	18
27	Unusual Pathway of Crystallization of Zeolite ZSM-5 in a Heterogeneous System: Phenomenology and Starting Considerations. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 1726-1737	9.6	81

26	Microwave-assisted highly efficient transformation of ketose/aldose to 5-hydroxymethylfurfural (5-HMF) in a simple phosphate buffer system. <i>RSC Advances</i> , <b>2012</b> , 2, 7652	3.7	24
25	Hierarchically structured zeolites: synthesis, mass transport properties and applications. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17381		327
24	SiO <sub>2</sub> -Surface-Assisted Controllable Synthesis of TaON and Ta <sub>3</sub> N <sub>5</sub> Nanoparticles for Alkene Epoxidation. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 985-989	3.6	10
23	Micro-Macroporous Structured Zeolite <b>2011</b> , 457-479		1
22	Controllable synthesis of organic-inorganic hybrid MoO <sub>x</sub> /polyaniline nanowires and nanotubes. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 1465-72	4.8	43
21	Controllable fabrication of uniform core-shell structured zeolite@SBA-15 composites. <i>Chemical Science</i> , <b>2011</b> , 2, 2006	9.4	80
20	Zeolite microspheres with hierarchical structures: formation, mechanism and catalytic performance. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 16223		59
19	Synthesis, characterization and lithium-storage performance of MoO <sub>2</sub> /carbon hybrid nanowires. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 2807		129
18	Synthesis of Nanoporous Molybdenum Carbide Nanowires Based on Organic-Inorganic Hybrid Nanocomposites with Sub-Nanometer Periodic Structures. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 5560-5562	9.6	115
17	High-Concentration Preparation of Silver Nanowires: Restraining in Situ Nitric Acidic Etching by Steel-Assisted Polyol Method. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 1699-1704	9.6	71
16	Absorption and desorption characteristic of zeolites in gas sensor system <b>2008</b> ,		1
15	Magnetically Separable Nanozeolites: Promising Candidates for Bio-Applications. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 3169-3172	9.6	33
14	Controlled release and conversion of guest species in zeolite microcapsules. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 272	3.6	30
13	Facile fabrication of manganese carbonate and oxides shell structure. <i>Journal of Materials Science</i> , <b>2005</b> , 40, 5025-5027	4.3	5
12	Alkylation of hydroquinone with tert-butanol over AlSBA-15 mesoporous molecular sieves. <i>Catalysis Letters</i> , <b>2005</b> , 100, 95-100	2.8	13
11	One-Step Synthesis of Dimethyl Ether from Syngas with Fe-Modified Zeolite ZSM-5 as Dehydration Catalyst. <i>Catalysis Letters</i> , <b>2004</b> , 98, 235-240	2.8	59
10	Mesoporous microcapsules with noble metal or noble metal oxide shells and their application in electrocatalysis. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 3548		45
9	Zeolitization of diatomite to prepare hierarchical porous zeolite materials through a vapor-phase transport process. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 1812-1818		98



8	Hollow Zeolite Capsules: A Novel Approach for Fabrication and Guest Encapsulation. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 3217-3219	9.6	136
7	LAYER-BY-LAYER ASSEMBLY OF NANOZEOLITE BASED ON POLYMERIC MICROSPHERE: ZEOLITE COATED SPHERE AND HOLLOW ZEOLITE SPHERE. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2002</b> , 39, 509-526	2.2	41
6	Fabrication of zeolite coatings on stainless steel grids. <i>Journal of Materials Science Letters</i> , <b>2001</b> , 20, 2091-2094	1.4	
5	Catalytic hydrolysis of chlorofluorocarbon (CFC-12) over WO <sub>3</sub> /ZrO <sub>2</sub> . <i>Catalysis Letters</i> , <b>2000</b> , 65, 85-89	2.8	10
4	Experimental exploration and research prospect of physical bases and functional characteristics of meridians. <i>Science Bulletin</i> , <b>1998</b> , 43, 1233-1252		28
3	Studies on the Colloidization and Stability of Layered M(IV) Phosphates in Aqueous Amine Solutions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1997</b> , 27, 303-317		14
2	Chemical Liquid Deposition Zeolites with Controlled Pore-Opening Size and Shape-Selective Separation of Isomers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>1996</b> , 35, 430-433	3.9	55
1	Intercalation-Driven Defect-Engineering of MoS <sub>2</sub> for Catalytic Transfer Hydrogenation. <i>Advanced Materials Interfaces</i> , 2200505	4.6	2