Yi Tang

List of Publications by Citations

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	A nanoporous molybdenum carbide nanowire as an electrocatalyst for hydrogen evolution reaction. *Energy and Environmental Science*, **2014**, 7, 387-392	35.4	841
132	Heteronanowires of MoC-MoC as efficient electrocatalysts for hydrogen evolution reaction. *Chemical Science*, **2016**, 7, 3399-3405	9.4	412
131	Hierarchically structured zeolites: synthesis, mass transport properties and applications. *Journal of Materials Chemistry*, **2012**, 22, 17381		327
130	Cobalt-Doping in Molybdenum-Carbide Nanowires Toward Efficient Electrocatalytic Hydrogen Evolution. *Advanced Functional Materials*, **2016**, 26, 5590-5598	15.6	311
129	Phosphorus-Mo2C@carbon nanowires toward efficient electrochemical hydrogen evolution: composition, structural and electronic regulation. *Energy and Environmental Science*, **2017**, 10, 1262-1271	35.4	295
128	Structural Design and Electronic Modulation of Transition-Metal-Carbide Electrocatalysts toward Efficient Hydrogen Evolution. *Advanced Materials*, **2019**, 31, e1802880	24	267
127	Recent advances of pore system construction in zeolite-catalyzed chemical industry processes. *Chemical Society Reviews*, **2015**, 44, 8877-903	58.5	199
126	Porous nanoMoC@graphite shell derived from a MOFs-directed strategy: an efficient electrocatalyst for the hydrogen evolution reaction. *Journal of Materials Chemistry A*, **2016**, 4, 6006-6013	13	158
125	Hollow Zeolite Capsules:□A Novel Approach for Fabrication and Guest Encapsulation. *Chemistry of Materials*, **2002**, 14, 3217-3219	9.6	136
124	Flexible Nitrogen-Doped 2D Titanium Carbides (MXene) Films Constructed by an Ex Situ Solvothermal Method with Extraordinary Volumetric Capacitance. *Advanced Energy Materials*, **2018**, 8, 1802087	21.8	133
123	CoNiSe2 heteronanorods decorated with layered-double-hydroxides for efficient hydrogen evolution. *Applied Catalysis B: Environmental*, **2019**, 242, 132-139	21.8	132
122	Synthesis, characterization and lithium-storage performance of MoO2/carbon hybrid nanowires. *Journal of Materials Chemistry*, **2010**, 20, 2807		129
121	Dehydration of Glycerol to Acrolein over Hierarchical ZSM-5 Zeolites: Effects of Mesoporosity and Acidity. *ACS Catalysis*, **2015**, 5, 2548-2558	13.1	126
120	Synthesis of Nanoporous Molybdenum Carbide Nanowires Based on Organic□Inorganic Hybrid Nanocomposites with Sub-Nanometer Periodic Structures. *Chemistry of Materials*, **2009**, 21, 5560-5562	9.6	115
119	Nano-crystallite oriented self-assembled ZSM-5 zeolite and its LDPE cracking properties: Effects of accessibility and strength of acid sites. *Journal of Catalysis*, **2013**, 302, 115-125	7.3	107
118	Zeolitization of diatomite to prepare hierarchical porous zeolite materials through a vapor-phase transport process. *Journal of Materials Chemistry*, **2002**, 12, 1812-1818		98
117	Highly stable boron-modified hierarchical nanocrystalline ZSM-5 zeolite for the methanol to propylene reaction. *Catalysis Science and Technology*, **2014**, 4, 2891-2895	5.5	92

116	One-dimensional growth of MoOx-based organic–inorganic hybrid nanowires with tunable photochromic properties. *Journal of Materials Chemistry*, **2012**, 22, 4709		89
115	Microwave-Assisted Reactant-Protecting Strategy toward Efficient MoS2 Electrocatalysts in Hydrogen Evolution Reaction. *ACS Applied Materials & Interfaces*, **2015**, 7, 23741-9	9.5	88
114	Electrospinning Hetero-Nanofibers of Fe C-Mo C/Nitrogen-Doped-Carbon as Efficient Electrocatalysts for Hydrogen Evolution. *ChemSusChem*, **2017**, 10, 2597-2604	8.3	82
113	Unusual Pathway of Crystallization of Zeolite ZSM-5 in a Heterogeneous System: Phenomenology and Starting Considerations. *Chemistry of Materials*, **2012**, 24, 1726-1737	9.6	81
112	Controllable fabrication of uniform core–shell structured zeolite@SBA-15 composites. *Chemical Science*, **2011**, 2, 2006	9.4	80
111	Achieving of Flexible, Free-Standing, Ultracompact Delaminated Titanium Carbide Films for High Volumetric Performance and Heat-Resistant Symmetric Supercapacitors. *Advanced Functional Materials*, **2018**, 28, 1705487	15.6	79
110	Future of nano-/hierarchical zeolites in catalysis: gaseous phase or liquid phase system. *Catalysis Science and Technology*, **2015**, 5, 772-785	5.5	74
109	High-Concentration Preparation of Silver Nanowires: Restraining in Situ Nitric Acidic Etching by Steel-Assisted Polyol Method. *Chemistry of Materials*, **2008**, 20, 1699-1704	9.6	71
108	Floating conductive catalytic nano-rafts at soft interfaces for hydrogen evolution. *Chemical Science*, **2013**, 4, 3432	9.4	67
107	Synthesis of Chemically Asymmetric Silica Nanobottles and Their Application for Cargo Loading and as Nanoreactors and Nanomotors. *Angewandte Chemie - International Edition*, **2016**, 55, 14733-14737	16.4	64
106	Zeolite microspheres with hierarchical structures: formation, mechanism and catalytic performance. *Journal of Materials Chemistry*, **2011**, 21, 16223		59
105	One-Step Synthesis of Dimethyl Ether from Syngas with Fe-Modified Zeolite ZSM-5 as Dehydration Catalyst. *Catalysis Letters*, **2004**, 98, 235-240	2.8	59
104	Chemical Liquid Deposition Zeolites with Controlled Pore-Opening Size and Shape-Selective Separation of Isomers. *Industrial & Engineering Chemistry Research*, **1996**, 35, 430-433	3.9	55
103	Mesoporous microcapsules with noble metal or noble metal oxide shells and their application in electrocatalysis. *Journal of Materials Chemistry*, **2004**, 14, 3548		45
102	Fast synthesis of nanosized zeolite beta from a low-seeded, low-templated dry gel with a seeding-steam-assisted conversion method. *Journal of Materials Chemistry A*, **2014**, 2, 1247-1251	13	44
101	Controllable synthesis of organic-inorganic hybrid MoOx/polyaniline nanowires and nanotubes. *Chemistry - A European Journal*, **2011**, 17, 1465-72	4.8	43
100	Metal non-oxide nanostructures developed from organic-inorganic hybrids and their catalytic application. *Nanoscale*, **2014**, 6, 14106-20	7.7	42
99	LAYER-BY-LAYER ASSEMBLY OF NANOZEOLITE BASED ON POLYMERIC MICROSPHERE: ZEOLITE COATED SPHERE AND HOLLOW ZEOLITE SPHERE. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2002**, 39, 509-526	2.2	41

98	Hierarchical mesoporous ZSM-5 zeolite with increased external surface acid sites and high catalytic performance in o-xylene isomerization. *Chinese Journal of Catalysis*, **2013**, 34, 1429-1433	11.3	35
97	Tailoring the Morphology of MTW Zeolite Mesocrystals: Intertwined Classical/Nonclassical Crystallization. *Chemistry of Materials*, **2017**, 29, 3387-3396	9.6	33
96	Chemoselective hydrogenation of α,β-unsaturated aldehydes on hydrogenated MoOx nanorods supported iridium nanoparticles. *Journal of Molecular Catalysis A*, **2016**, 425, 248-254		33
95	Magnetically Separable Nanozeolites: Promising Candidates for Bio-Applications. *Chemistry of Materials*, **2006**, 18, 3169-3172	9.6	33
94	Direct Transformation of HMF into 2,5-Diformylfuran and 2,5-Dihydroxymethylfuran without an External Oxidant or Reductant. *ChemSusChem*, **2017**, 10, 494-498	8.3	32
93	Enhancing Metal-Support Interactions by Molybdenum Carbide: An Efficient Strategy toward the Chemoselective Hydrogenation of α,β-Unsaturated Aldehydes. *Chemistry - A European Journal*, **2016**, 22, 5698-704	4.8	31
92	Electrostatic-induced synthesis of tungsten bronze nanostructures with excellent photo-to-thermal conversion behavior. *Journal of Materials Chemistry A*, **2013**, 1, 10120	13	31
91	A Partially Graphitic Mesoporous Carbon Membrane with Three-Dimensionally Networked Nanotunnels for Ultrasensitive Electrochemical Detection. *Chemistry of Materials*, **2017**, 29, 5286-5293	9.6	30
90	Organic Structure Directing Agent-Free and Seed-Induced Synthesis of Enriched Intracrystal Mesoporous ZSM-5 Zeolite for Shape-Selective Reaction. *ChemCatChem*, **2013**, 5, 2874-2878	5.2	30
89	Controlled release and conversion of guest species in zeolite microcapsules. *New Journal of Chemistry*, **2005**, 29, 272	3.6	30
88	Experimental exploration and research prospect of physical bases and functional characteristics of meridians. *Science Bulletin*, **1998**, 43, 1233-1252		28
87	Mo2C/Reduced-Graphene-Oxide Nanocomposite: An Efficient Electrocatalyst for the Hydrogen Evolution Reaction. *ChemElectroChem*, **2016**, 3, 2110-2115	4.3	25
86	Microwave-assisted highly efficient transformation of ketose/aldose to 5-hydroxymethylfurfural (5-HMF) in a simple phosphate buffer system. *RSC Advances*, **2012**, 2, 7652	3.7	24
85	Mesoporous and Skeletal Molybdenum Carbide for Hydrogen Evolution Reaction: Diatomite-Type Structure and Formation Mechanism. *ChemElectroChem*, **2017**, 4, 2169-2177	4.3	23
84	The effect of in situ nitrogen doping on the oxygen evolution reaction of MXenes. *Nanoscale Advances*, **2020**, 2, 1187-1194	5.1	23
83	Enhanced accessibility and utilization efficiency of acid sites in hierarchical MFI zeolite catalyst for effective diffusivity improvement. *RSC Advances*, **2014**, 4, 43752-43755	3.7	23
82	Continuous hydrogenation of ethyl levulinate to γ-valerolactone and 2-methyl tetrahydrofuran over alumina doped Cu/SiO2 catalyst: the potential of commercialization. *Scientific Reports*, **2016**, 6, 28898	4.9	22
81	Tailoring Zeolite ZSM-5 Crystal Morphology/Porosity through Flexible Utilization of Silicalite-1 Seeds as Templates: Unusual Crystallization Pathways in a Heterogeneous System. *Chemistry - A European Journal*, **2016**, 22, 7141-51	4.8	21

80	Organic template-free synthesis of zeolite mordenite nanocrystals through exotic seed-assisted conversion. *RSC Advances*, **2016**, 6, 47623-47631	3.7	21
79	Direct production of levulinic acid in high yield from cellulose: joint effect of high ion strength and microwave field. *RSC Advances*, **2016**, 6, 39131-39136	3.7	20
78	A novel two-dimensional accordion-like titanium carbide (MXene) for adsorption of Cr(VI) from aqueous solution. *Journal of Advanced Dielectrics*, **2018**, 08, 1850035	1.3	20
77	Silica nanowires with tunable hydrophobicity for lipase immobilization and biocatalytic membrane assembly. *Journal of Colloid and Interface Science*, **2018**, 531, 555-563	9.3	19
76	Silica nanowire assemblies as three-dimensional, optically transparent platforms for constructing highly active SERS substrates. *Nanoscale*, **2017**, 9, 15901-15910	7.7	19
75	Methanol and Diethanolamine Assisted Synthesis of Flexible Nitrogen-Doped Ti3C2 (MXene) Film for Ultrahigh Volumetric Performance Supercapacitor Electrodes. *ACS Applied Energy Materials*, **2020**, 3, 586-596	6.1	19
74	Organic□Inorganic-Hybrid-Derived Molybdenum Carbide Nanoladders: Impacts of Surface Oxidation for Hydrogen Evolution Reaction. *ChemNanoMat*, **2018**, 4, 194-202	3.5	19
73	Seeding Bundlelike MFI Zeolite Mesocrystals: A Dynamic, Nonclassical Crystallization via Epitaxially Anisotropic Growth. *Chemistry of Materials*, **2017**, 29, 9247-9255	9.6	18
72	Bimetallic Platinum-Tin Nanoparticles on Hydrogenated Molybdenum Oxide for the Selective Hydrogenation of Functionalized Nitroarenes. *ChemCatChem*, **2017**, 9, 4199-4205	5.2	18
71	Rapid detemplation of nanozeolite □microwave-assisted Fenton-like oxidation. *RSC Advances*, **2012**, 2, 6036	3.7	18
70	Ultrathin dodecyl-sulfate-intercalated Mg-Al layered double hydroxide nanosheets with high adsorption capability for dye pollution. *Journal of Colloid and Interface Science*, **2020**, 577, 181-190	9.3	18
69	Polylysine-modified MXene nanosheets with highly loaded glucose oxidase as cascade nanoreactor for glucose decomposition and electrochemical sensing. *Journal of Colloid and Interface Science*, **2021**, 586, 20-29	9.3	18
68	A Scalable Upgrading of Concentrated Furfural in Ethanol: Combining Meerwein□Ponndorf□Verley Reduction with in Situ Cross Aldol Condensation. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 4316-4320	8.3	17
67	Synthesis of Chemically Asymmetric Silica Nanobottles and Their Application for Cargo Loading and as Nanoreactors and Nanomotors. *Angewandte Chemie*, **2016**, 128, 14953-14957	3.6	17
66	CoxNi1□ nanoalloys on N-doped carbon nanofibers: Electronic regulation toward efficient electrochemical CO2 reduction. *Journal of Catalysis*, **2019**, 372, 277-286	7.3	15
65	Alkali-metal-ions promoted Zr-Al-Beta zeolite with high selectivity and resistance to coking in the conversion of furfural toward furfural alcohol. *Journal of Catalysis*, **2020**, 389, 623-630	7.3	15
64	Synergistically Coupling Phosphorus-Doped Molybdenum Carbide with MXene as a Highly Efficient and Stable Electrocatalyst for Hydrogen Evolution Reaction. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 12990-12998	8.3	15
63	Studies on the Colloidization and Stability of Layered M(IV) Phosphates in Aqueous Amine Solutions. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1997**, 27, 303-317		14

62	Fabrication of zeolite coatings on stainless steel grids. *Journal of Materials Science Letters*, **2001**, 20, 2091-2094		14
61	Alkylation of hydroquinone with tert-butanol over AlSBA-15 mesoporous molecular sieves. *Catalysis Letters*, **2005**, 100, 95-100	2.8	13
60	Template-Free Synthesis of Chemically Asymmetric Silica Nanotubes for Selective Cargo Loading and Sustained Drug Release. *Chemistry of Materials*, **2019**, 31, 4291-4298	9.6	12
59	Oxidant-Free Transformation of Ethylene Glycol toward Glycolic Acid in Water. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17559-17564	8.3	12
58	Microexplosion under Microwave Irradiation: A Facile Approach to Create Mesopores in Zeolites. *Chemistry of Materials*, **2016**, 28, 2757-2767	9.6	12
57	Engineering Fractal MTW Zeolite Mesocrystal: Particle-Based Dendritic Growth via Twinning-Plane Induced Crystallization. *Crystal Growth and Design*, **2018**, 18, 1101-1108	3.5	12
56	Enhanced hydrogenation of ethyl-levulinate to γ-valerolactone over NiOx stabilized Cu+ surface sites. *RSC Advances*, **2016**, 6, 87294-87298	3.7	11
55	Fractal MTW Zeolite Crystals: Hidden Dimensions in Nanoporous Materials. *Angewandte Chemie - International Edition*, **2017**, 56, 11764-11768	16.4	11
54	Silanization-Based Zeolite Crystallization: Participation Degree and Pathway. *Chemistry - A European Journal*, **2015**, 21, 12161-70	4.8	11
53	Interlayer engineering of molybdenum disulfide toward efficient electrocatalytic hydrogenation. *Science Bulletin*, **2021**, 66, 1003-1012	10.6	11
52	MXene Nanoarchitectonics: Defect-Engineered 2D MXenes towards Enhanced Electrochemical Water Splitting. *Advanced Energy Materials*, **2022**, 12, 2103867	21.8	11
51	Controlled nitridation of tantalum (oxy)nitride nanoparticles towards optimized metal-support interactions with gold nanocatalysts. *RSC Advances*, **2015**, 5, 89282-89289	3.7	10
50	Ordered, Highly Zeolitized Mesoporous Aluminosilicates Produced by a Gradient Acidic Assembly Growth Strategy in a Mixed Template System. *Chemistry of Materials*, **2016**, 28, 4859-4866	9.6	10
49	Facile Fabrication and Morphology Regulation of Crossed MFI Zeolite with Improved Performance on LDPE Cracking. *Industrial & Engineering Chemistry Research*, **2019**, 58, 13174-13181	3.9	10
48	SiO2-Surface-Assisted Controllable Synthesis of TaON and Ta3N5 Nanoparticles for Alkene Epoxidation. *Angewandte Chemie*, **2012**, 124, 985-989	3.6	10
47	Catalytic hydrolysis of chlorofluorocarbon (CFC-12) over WO3/ZrO2. *Catalysis Letters*, **2000**, 65, 85-89	2.8	10
46	Observing a Zeolite Nucleus (Subcrystal) with a Uniform Framework Structure and Its Oriented Attachment without Single-Molecule Addition. *Angewandte Chemie - International Edition*, **2021**, 60, 13444-13451	16.4	10
45	Molybdenum-Incorporated Mesoporous Silica: Surface Engineering toward Enhanced Metal-Support Interactions and Efficient Hydrogenation. *ACS Applied Materials & Interfaces*, **2018**, 10, 42475-42483	9.5	10

44	Phosphorus-doped molybdenum carbide/MXene hybrid architectures for upgraded hydrogen evolution reaction performance over a wide pH range. *Chemical Engineering Journal*, **2021**, 423, 130183	14.7	10
43	A Zr-Al-Beta zeolite with open Zr(IV) sites: an efficient bifunctional Lewis–Brønsted acid catalyst for a cascade reaction. *Catalysis Science and Technology*, **2019**, 9, 4055-4065	5.5	9
42	Borate-Stabilized Transformation of C6 Aldose to C4 Aldose. *ACS Catalysis*, **2017**, 7, 4473-4478	13.1	8
41	Core–Shell Zeolite Y@γ-Al2O3 Nanorod Composites: Optimized Fluid Catalytic Cracking Catalyst Assembly for Processing Heavy Oil. *ChemCatChem*, **2017**, 9, 2574-2583	5.2	8
40	Noble-Metal-Free Electrocatalysts: Structural Design and Electronic Modulation of Transition-Metal-Carbide Electrocatalysts toward Efficient Hydrogen Evolution (Adv. Mater. 2/2019). *Advanced Materials*, **2019**, 31, 1970009	24	8
39	Efficient Production of Biomass-Derived C4 Chiral Synthons in Aqueous Solution. *ChemCatChem*, **2017**, 9, 4179-4184	5.2	8
38	Nickel-doped Co4N nanowire bundles as efficient electrocatalysts for oxygen evolution reaction. *Science China Materials*, **2021**, 64, 1889-1899	7.1	8
37	Efficient and cost-effective method to synthesize highly purified Ti4AlN3 and Ti2AlN. *Journal of Advanced Dielectrics*, **2019**, 09, 1950008	1.3	7
36	Efficient hydrogenation of dimethyl oxalate to ethylene glycol via nickel stabilized copper catalysts. *RSC Advances*, **2016**, 6, 111415-111420	3.7	7
35	An Fe–Mn–Cu/SiO2@silicalite-1 catalyst for CO hydrogenation: the role of the zeolite shell on light-olefin production. *Catalysis Science and Technology*, **2016**, 6, 3559-3567	5.5	7
34	MoC nanodots toward efficient electrocatalytic hydrogen evolution: an interlayer-confined strategy with a 2D-zeolite precursor. *Journal of Materials Chemistry A*, **2021**, 9, 4724-4733	13	7
33	Self-supporting composited electrocatalysts of ultrafine Mo2C on 3D-hierarchical porous carbon monoliths for efficient hydrogen evolution. *Journal of Materials Chemistry A*, **2020**, 8, 23265-23273	13	6
32	Effect of pyrazolium-derived compounds as templates in zeolite synthesis. *RSC Advances*, **2017**, 7, 23272–23278	3.7	5
31	Facile fabrication of manganese carbonate and oxides shell structure. *Journal of Materials Science*, **2005**, 40, 5025-5027	4.3	5
30	Activity modulation of core and shell in nanozeolite@enzyme bi-functional catalyst for dynamic kinetic resolution. *Journal of Colloid and Interface Science*, **2015**, 438, 22-28	9.3	4
29	Chinese ink-promoted co-assembly synthesis of 3D hierarchically structured and porous MoCx/C nanocomposites for highly efficient hydrogen evolution reaction. *Carbon*, **2020**, 170, 558-566	10.4	4
28	Direct conversion of C6 sugars to methyl glycerate and glycolate in methanol.. *RSC Advances*, **2018**, 8, 30163-30170	3.7	4
27	Selectively Functionalized Zeolite NaY Composite Materials for High-Efficiency Multiple Protection of Paper Relics. *Industrial & Engineering Chemistry Research*, **2020**, 59, 11196-11205	3.9	3

26	Microwave Influence on Different M□ Bonds During MFI-Type Heteroatom (M) Zeolite Preparation. *Industrial & Engineering Chemistry Research*, **2017**, 56, 11167-11174	3.9	3
25	Nanowire accumulated Fe2O3/SiO2 spherical catalyst for Fischer-Tropsch synthesis. *Chinese Journal of Catalysis*, **2014**, 35, 1661-1668	11.3	3
24	Catalysis and Stability Effect of Solvent Alcohol on the C6 Aldose Conversion toward Tetrose. *ChemCatChem*, **2019**, 11, 4182-4188	5.2	3
23	Colloidal magnesium hydroxide Nanoflake: One-Step Surfactant-Assisted preparation and Paper-Based relics protection with Long-Term Anti-Acidification and Flame-Retardancy. *Journal of Colloid and Interface Science*, **2022**, 607, 992-1004	9.3	3
22	In-situ reconstruction of catalysts in cathodic electrocatalysis: New insights into active-site structures and working mechanisms. *Journal of Energy Chemistry*, **2022**, 70, 414-436	12	3
21	Mesoporous nano-WOx/ZrO2: facile synthesis and improved catalysis. *RSC Advances*, **2016**, 6, 82537-82540	3.7	2
20	Constructing Mosaic-Tiling MFI Zeolite Mesocrystal with Enhanced Catalytic Performance. *Crystal Growth and Design*, **2019**, 19, 6192-6198	3.5	2
19	Condition screening and process investigation of aldose transformation in borate-containing acidic phosphate buffer system under microwave irradiation. *RSC Advances*, **2014**, 4, 39453-39462	3.7	2
18	Fractal MTW Zeolite Crystals: Hidden Dimensions in Nanoporous Materials. *Angewandte Chemie*, **2017**, 129, 11926-11930	3.6	2
17	Specific microwave effect on Sn- and Ti-MFI zeolite synthesis. *RSC Advances*, **2017**, 7, 35252-35256	3.7	2
16	Co-hydrolysis and Seed-Induced Synthesis of Basic Mesoporous ZSM-5 Zeolites with Enhanced Catalytic Performance. *Chemistry - A European Journal*, **2020**, 26, 6147-6157	4.8	2
15	Seed-induced synthesis of functional MFI zeolite materials: Method development, crystallization mechanisms, and catalytic properties. *Frontiers of Chemical Science and Engineering*, **2020**, 14, 143-158	4.5	2
14	Alkali-exchanged Y zeolites as superior deacidifying protective materials for paper relics: Effects of accessibility and strength of basic sites. *Microporous and Mesoporous Materials*, **2020**, 293, 109786	5.3	2
13	Intercalation-Driven Defect-Engineering of MoS 2 for Catalytic Transfer Hydrogenation. *Advanced Materials Interfaces*,2200505	4.6	2
12	Hierarchically porous graphitic carbon membrane with homogeneously encapsulated metallic nanoparticles as monolith electrodes for high-performance electrocatalysis and sensing. *Journal of Colloid and Interface Science*, **2020**, 570, 223-231	9.3	1
11	FTIR Spectroscopy in Cultural Heritage Studies: Non-destructive Analysis of Chinese Handmade Papers. *Chemical Research in Chinese Universities*, **2019**, 35, 586-591	2.2	1
10	Micro-Macroporous Structured Zeolite **2011**, 457-479		1
9	Absorption and desorption characteristic of zeolites in gas sensor system **2008**,		1

8	One-Pot Exfoliation and Functionalization of Zeolite Nanosheets for Protection of Paper-Based Relics. *ACS Applied Nano Materials*, **2021**, 4, 10645-10656	5.6	1
7	Direct Preparation of High Thermal Stable PLA-Based Nanocomposite via Extra-Low Loading of In Situ Exfoliated Ultrathin MWW Zeolite Nanosheets. *Macromolecular Materials and Engineering*, **2020**, 305, 2000406	3.9	1
6	Observing a Zeolite Nucleus (Subcrystal) with a Uniform Framework Structure and Its Oriented Attachment without Single-Molecule Addition. *Angewandte Chemie*, **2021**, 133, 13556-13563	3.6	1
5	N-Doped Molybdenum Carbides Embedded in Porous Carbon for Efficient Hydrogen Evolution. *Materials Today Energy*, **2022**, 100992	7	1
4	Mesocrystal morphology regulation by "alkali metals ion switch": Re-examining zeolite nonclassical crystallization in seed-induced process. *Journal of Colloid and Interface Science*, **2021**, 608, 1366-1376	9.3	0
3	Determination of crystallinity of Chinese handmade papers by means of X-ray diffraction. *Restaurator*, **2020**, 41, 69-86	0	0
2	Mesoporous and Skeletal Molybdenum Carbide for Hydrogen Evolution Reaction: Diatomite-type Structure and Formation Mechanism. *ChemElectroChem*, **2017**, 4, 2129-2129	4.3	
1	Product Control and Insight into Conversion of C6 Aldose Toward C2, C4 and C6 Alditols in One-Pot Retro-Aldol Condensation and Hydrogenation Processes. *ChemistryOpen*, **2021**, 10, 560-566	2.3	