

Jinli Zhang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/385403/jinli-zhang-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

254
papers

6,209
citations

43
h-index

65
g-index

270
ext. papers

7,604
ext. citations

5.8
avg, IF

6.25
L-index

#	Paper	IF	Citations
254	Catalytic acetylene hydration over the Zn/Zr-MCM catalyst: Effect of preparation methods for doping zirconia on catalytic performance. <i>Applied Catalysis A: General</i> , 2022 , 633, 118476	5.1	0
253	High-efficiency catalysis of Ru-based catalysts assisted by triazine-based ligands containing different heteroatoms (N, O, S) for acetylene hydrochlorination. <i>Molecular Catalysis</i> , 2022 , 519, 112142	3.3	2
252	Crystal facet dependence of SiHCl ₃ reduction to Si mechanism on silicon rod. <i>Applied Surface Science</i> , 2022 , 580, 152366	6.7	1
251	Insights into the mechanism during viscosity reduction process of heavy oil through molecule simulation. <i>Fuel</i> , 2022 , 310, 122270	7.1	2
250	Termination effects of single-atom decorated v-MoCT MXene for the electrochemical nitrogen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2022 , 605, 897-905	9.3	3
249	Comparison and estimation on deagglomeration performance of batch high shear mixers for nanoparticle suspensions. <i>Chemical Engineering Journal</i> , 2022 , 429, 132420	14.7	1
248	3D porous Ca-modified Mg-Zr mixed metal oxide for fluoride adsorption. <i>Chemical Engineering Journal</i> , 2022 , 428, 131371	14.7	5
247	Novel Rotor-Stator Assembly Promotes the Emulsification Performance in an Inline High-Shear Mixer. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 4722-4737	3.9	0
246	Highly dispersed and stabilized Pd species on H ₂ pre-treated Al ₂ O ₃ for anthraquinone hydrogenation and H ₂ O ₂ production. <i>Molecular Catalysis</i> , 2022 , 524, 112264	3.3	0
245	Titanium and fluorine co-modification strengthens high-voltage electrochemical performance of LiCoO ₂ . <i>Journal of Alloys and Compounds</i> , 2022 , 909, 164787	5.7	0
244	Hollow Carbon Nanospheres Decorated with Abundant Pyridinic N+O for Efficient Acetylene Hydrochlorination. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 194-203	8.3	3
243	Construction of multistage porous carbon materials for the hydrochlorination of acetylene: Impact of nitrogen incorporation. <i>Molecular Catalysis</i> , 2022 , 527, 112405	3.3	1
242	Energy consumption, flow characteristics and energy-efficient design of cup-shape blade stirred tank reactors: Computational fluid dynamics and artificial neural network investigation. <i>Energy</i> , 2021 , 122474	7.9	2
241	Phosphine-oxide organic ligand improved Cu-based catalyst for acetylene hydrochlorination. <i>Applied Catalysis A: General</i> , 2021 , 630, 118461	5.1	1
240	Molecular Design of the Amphiphilic Polymer as a Viscosity Reducer for Heavy Crude Oil: From Mesoscopic to Atomic Scale. <i>Energy & Fuels</i> , 2021 , 35, 1152-1164	4.1	7
239	Cu-Si bond and Cl defect synergistical catalysis for SiCl ₄ dissociation on CuCl ₂ (1 0 0): A DFT study. <i>Applied Surface Science</i> , 2021 , 543, 148777	6.7	2
238	In Situ Induced Surface Reconstruction of Single-Crystal Lithium-Ion Cathode Toward Effective Interface Compatibility. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 13771-13780	9.5	5

237	Reversible Removal of SO ₂ with Amine-Functionalized ZIF8 Dispersed in n-Heptanol. <i>Energy & Fuels</i> , 2021 , 35, 5110-5121	4.1	1
236	Boron Doping and LiBO ₂ Coating Synergistically Enhance the High-Rate Performance of LiNi _{0.6} Co _{0.1} Mn _{0.3} O ₂ Cathode Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 5322-5333	8.3	6
235	Investigation of gas-liquid mass transfer and power consumption characteristics in jet-flow high shear mixers. <i>Chemical Engineering Journal</i> , 2021 , 411, 128580	14.7	5
234	Amino-functionalized MXenes for efficient removal of Cr(VI). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 617, 126388	5.1	17
233	Enhanced low-temperature CO/CO ₂ methanation performance of Ni/Al ₂ O ₃ microspheres prepared by the spray drying method combined with high shear mixer-assisted coprecipitation. <i>Fuel</i> , 2021 , 291, 120127	7.1	4
232	Evaluation and DFT analysis of 3D porous rhombohedral Fe-modified MgO for removing fluoride efficiently. <i>Applied Surface Science</i> , 2021 , 552, 149423	6.7	2
231	Investigating the Cu-based catalysts for char catalytic hydrogasification and its recovery. <i>Fuel</i> , 2021 , 294, 120567	7.1	2
230	Solvent-Antisolvent Competitive Interactions Mediate Imidacloprid Polymorphs in Antisolvent Crystallization. <i>Crystal Growth and Design</i> , 2021 , 21, 4318-4328	3.5	2
229	Single-Atom Ruthenium Catalytic Sites for Acetylene Hydrochlorination. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 7350-7356	6.4	3
228	Effects of rotor and stator geometry on dissolution process and power consumption in jet-flow high shear mixers. <i>Frontiers of Chemical Science and Engineering</i> , 2021 , 15, 384-398	4.5	4
227	Solvent-assisted synthesis of N-doped activated carbon-based catalysts for acetylene hydrochlorination. <i>Applied Catalysis A: General</i> , 2021 , 611, 117902	5.1	7
226	Boosting electrocatalytic hydrogen generation by a renewable porous wood membrane decorated with Fe-doped NiP alloys. <i>Journal of Energy Chemistry</i> , 2021 , 56, 23-33	12	24
225	Pyrrolidone ligand improved Cu-based catalysts with high performance for acetylene hydrochlorination. <i>Applied Organometallic Chemistry</i> , 2021 , 35,	3.1	7
224	Visible-light-mediated organoboron-catalysed metal-free dehydrogenation of N-heterocycles using molecular oxygen. <i>Green Chemistry</i> , 2021 , 23, 4446-4450	10	5
223	Titanium and fluorine synergetic modification improves the electrochemical performance of Li(Ni _{0.8} Co _{0.1} Mn _{0.1})O ₂ . <i>Journal of Materials Chemistry A</i> , 2021 , 9, 9354-9363	13	15
222	Effects of N-, P-, or O-containing ligands on gold-based complex catalysts for acetylene hydrochlorination. <i>Applied Catalysis A: General</i> , 2021 , 612, 118015	5.1	5
221	Nitrogen-Modified Activated Carbon Supported Cu(II)Cu(I)/NAC Catalysts for Gas-Solid Acetylene Dimerization. <i>Catalysis Letters</i> , 2021 , 151, 2990-2995	2.8	1
220	Liquid-Liquid Dispersion and Selectivity of Chemical Reactions in the Inline Teethed High Shear Mixers. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 4498-4509	3.9	1

219	Supercritical water gasification of fuel gas production from waste lignin: The effect mechanism of different oxidized iron-based catalysts. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 30288-30299	6.7	2
218	Theoretical design of ruthenium single-atom catalysts with different substrates for acetylene hydrochlorination. <i>Molecular Catalysis</i> , 2021 , 513, 111826	3.3	1
217	The surface triple-coupling on single crystalline cathode for lithium ion batteries. <i>Nano Energy</i> , 2021 , 86, 106096	17.1	4
216	Wood aerogel-derived sandwich-like layered nanoelectrodes for alkaline overall seawater electrosplitting. <i>Applied Catalysis B: Environmental</i> , 2021 , 293, 120215	21.8	23
215	Solubility and thermodynamic properties of flonicamid in pure and binary solvents in the temperature range of 283.15-323.15K. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116233	6	4
214	Rapid and economical conversion of Beta zeolite to SSZ-13 zeolite. <i>Microporous and Mesoporous Materials</i> , 2021 , 111469	5.3	1
213	Synergetic control of Ru/MXene 3D electrode with superhydrophilicity and superaerophobicity for overall water splitting. <i>Chemical Engineering Journal</i> , 2021 , 426, 131234	14.7	7
212	Investigation and estimation on deagglomeration of nanoparticle clusters in teathed in-line high shear mixers. <i>Chemical Engineering Journal</i> , 2021 , 426, 130795	14.7	1
211	Synthesis of a vinyl chloride monomer via acetylene hydrochlorination with a ruthenium-based N-heterocyclic carbene complex catalyst. <i>Catalysis Science and Technology</i> , 2020 , 10, 3552-3560	5.5	10
210	Gas Absorption and Mass Transfer in a Pore-Array Intensified Tube-in-Tube Microchannel. <i>Transactions of Tianjin University</i> , 2020 , 27, 409	2.9	1
209	-Butyl Bromide-Promoted Intramolecular Cyclization of 2-Arylamino Phenyl Ketones and Its Combination with Cu-Catalyzed C-N Coupling: Synthesis of Acridines at Room Temperature. <i>Journal of Organic Chemistry</i> , 2020 , 85, 10167-10174	4.2	6
208	Synthesis of nano-octahedral MgO a solvothermal-solid-decomposition method for the removal of methyl orange from aqueous solutions.. <i>RSC Advances</i> , 2020 , 10, 10681-10688	3.7	3
207	Synergistically Catalytic Hydrochlorination of Acetylene over the Highly Dispersed Ru Active Species Embedded in P-Containing Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 10173-10184	8.3	9
206	A DFT screening of single transition atoms supported on MoS as highly efficient electrocatalysts for the nitrogen reduction reaction. <i>Nanoscale</i> , 2020 , 12, 10035-10043	7.7	40
205	Mechanistic understanding of Cu-based bimetallic catalysts. <i>Frontiers of Chemical Science and Engineering</i> , 2020 , 14, 689-748	4.5	15
204	Insights into the Enhanced Cycle and Rate Performances of the F-Substituted P2-Type Oxide Cathodes for Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 2000135	21.8	28
203	Enhanced catalytic activity and stability over P-modified alumina supported Pd for anthraquinone hydrogenation. <i>Applied Catalysis A: General</i> , 2020 , 593, 117422	5.1	11
202	Enhanced catalytic performance of activated carbon-supported ru-based catalysts for acetylene hydrochlorination byazole ligands. <i>Applied Catalysis A: General</i> , 2020 , 592, 117431	5.1	13

201	The effect of chlorine vacancy in CuCl ₂ (001) catalyst on the mechanism of SiCl ₄ dissociation into SiHCl ₃ : A DFT study. <i>Applied Surface Science</i> , 2020 , 515, 146100	6.7	3
200	High performance of supported Cu-based catalysts modulated via phosphamide coordination in acetylene hydrochlorination. <i>Applied Catalysis A: General</i> , 2020 , 591, 117408	5.1	17
199	A novel risedronic acid-modified Nieuwland catalyst for acetylene dimerization. <i>Catalysis Communications</i> , 2020 , 136, 105922	3.2	0
198	In situ polymerized succinonitrile-based solid polymer electrolytes for lithium ion batteries. <i>Solid State Ionics</i> , 2020 , 345, 115159	3.3	11
197	Characteristics of activated carbons modulate the catalytic performance for acetylene hydrochlorination. <i>Molecular Catalysis</i> , 2020 , 483, 110707	3.3	3
196	Hydrazinylbenzenesulfonic Acid-Modified Nieuwland Catalyst for Acetylene Dimerization Reaction. <i>Catalysis Letters</i> , 2020 , 150, 1766-1773	2.8	0
195	Characterization of liquid-liquid mass transfer performance in a novel pore-array intensified tube-in-tube microchannel. <i>AIChE Journal</i> , 2020 , 66, e16893	3.6	5
194	Copper-catalyzed synthesis of N-aryl acridones from 2-amino benzophenones and aryl boronic acids via sequential double oxidative C-N coupling. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5316	3.1	2
193	The single-Mo-atom-embedded-graphdiyne monolayer with ultra-low onset potential as high efficient electrocatalyst for N ₂ reduction reaction. <i>Applied Surface Science</i> , 2020 , 506, 144941	6.7	29
192	Cu(II)Cu(I)/AC Catalysts for Gas-Solid Acetylene Dimerization. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 110-117	3.9	3
191	In-situ polymerization of hydroquinone-formaldehyde resin to construct 3D porous composite LiFePO ₄ /carbon for remarkable performance of lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020 , 818, 152858	5.7	7
190	Sulphur-doped activated carbon as a metal-free catalyst for acetylene hydrochlorination.. <i>RSC Advances</i> , 2020 , 10, 34612-34620	3.7	4
189	Preparation and Electrochemical Properties of Mesoporous NiFe ₂ O ₄ /N-Doped Carbon Nanocomposite as an Anode for Lithium Ion Battery. <i>Frontiers in Materials</i> , 2020 , 7,	4	1
188	Effects of Small Biomolecules on Lysozyme Crystallization. <i>Transactions of Tianjin University</i> , 2020 , 27, 359	2.9	1
187	Visible-Light-Mediated Aminoquinolate Diarylboron-Catalyzed Metal-Free Hydroxylation of Organoboronic Acids under Air and Room Temperature. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 13894-13899	8.3	6
186	Ruthenium catalyst coordinated with [N4444+][PF6-] ionic liquid for acetylene hydrochlorination. <i>Catalysis Today</i> , 2020 , 355, 205-213	5.3	7
185	Rapid and efficient synthesis of highly crystalline SSZ-13 zeolite by applying high shear mixing in the aging process. <i>Microporous and Mesoporous Materials</i> , 2020 , 293, 109812	5.3	10
184	Study of Cu-Ni-Co Composite Catalysts in Catalytic Hydrogasification of Char. <i>Energy & Fuels</i> , 2019 , 33, 9661-9670	4.1	5

183	MOMTPPC improved Cu-based heterogeneous catalyst with high efficiency for acetylene hydrochlorination. <i>Molecular Catalysis</i> , 2019 , 479, 110612	3.3	10
182	Zn supported on titania-doped mesoporous silicate MCM-41 as efficient catalysts for acetylene hydration. <i>Catalysis Science and Technology</i> , 2019 , 9, 981-991	5.5	13
181	Numerical investigation on the efficient mixing of overbridged split-and-recombine micromixer at low Reynolds number. <i>Microsystem Technologies</i> , 2019 , 25, 3447-3461	1.7	5
180	Hydrochlorination of Acetylene Over the Activated-Carbon-Supported Au Catalysts Modified by NBD-Containing Ligand. <i>ChemCatChem</i> , 2019 , 11, 3441-3450	5.2	14
179	Tailoring the degradation and mechanical properties of poly(ϵ -caprolactone) incorporating functional ϵ -caprolactone-based copolymers. <i>Polymer Chemistry</i> , 2019 , 10, 3786-3796	4.9	8
178	Highly Dispersed Pd Nanoparticles Supported on Zr-Doped MgAl Mixed Metal Oxides for 2-Ethylanthraquinone Hydrogenation. <i>Transactions of Tianjin University</i> , 2019 , 25, 576-585	2.9	1
177	Molecular interaction transfer among solvents and solutes modulates the formation of linezolid crystals. <i>CrystEngComm</i> , 2019 , 21, 3209-3217	3.3	3
176	Charged polymeric additives affect the nucleation of lysozyme crystals. <i>CrystEngComm</i> , 2019 , 21, 1992-2001	3.9	2
175	Numerical and experimental investigations of micromixing performance and efficiency in a pore-array intensified tube-in-tube microchannel reactor. <i>Chemical Engineering Journal</i> , 2019 , 370, 1350-1365	14.7	13
174	Molecular design of ionic liquids as novel non-metal catalysts for the acetylene hydrochlorination reaction. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 7635-7644	3.6	5
173	Hydrochlorination of acetylene over the Ru-based catalysts treated by plasma under different atmospheres. <i>Plasma Science and Technology</i> , 2019 , 21, 085501	1.5	4
172	N-doped activated carbon from used dyeing wastewater adsorbent as a metal-free catalyst for acetylene hydrochlorination. <i>Chemical Engineering Journal</i> , 2019 , 371, 118-129	14.7	37
171	Enhanced catalytic performance of Zr-modified ZSM-5-supported Zn for the hydration of acetylene to acetaldehyde. <i>Catalysis Communications</i> , 2019 , 120, 33-37	3.2	12
170	Solid acetylene dimerization over copper-based catalysts. <i>New Journal of Chemistry</i> , 2019 , 43, 13608-13615	3.6	14
169	Highly effective carbon-supported gold-ionic liquid catalyst for acetylene hydrochlorination.. <i>RSC Advances</i> , 2019 , 9, 21931-21938	3.7	6
168	Mixing Performance of an Inline High-Shear Mixer with a Novel Pore-Array Liquid Distributor. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 20213-20225	3.9	8
167	Hierarchical Cross-Linked Poly(caprolactone-co-urethane) toward Connective Tissue-like Properties and Multifunctional Integration. <i>Chemistry of Materials</i> , 2019 , 31, 9295-9306	9.6	6
166	The evolution of Fe and Fe-Ca catalysts during char catalytic hydrogasification. <i>Fuel</i> , 2019 , 257, 116040	7.1	9

165	Graphene-induced hierarchical mesoporous MgO for the Claisen-Schmidt condensation reaction. <i>New Journal of Chemistry</i> , 2019 , 43, 4698-4705	3.6	9
164	Supercritical water gasification of naphthalene over iron oxide catalyst: A ReaxFF molecular dynamics study. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 30486-30498	6.7	22
163	Size Effect of a Ni Nanocatalyst on Supercritical Water Gasification of Lignin by Reactive Molecular Dynamics Simulations. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 23014-23024	3.9	10
162	Enhancing the high voltage interface compatibility of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ in the succinonitrile-based electrolyte. <i>Electrochimica Acta</i> , 2019 , 298, 818-826	6.7	24
161	Synergistic Mechanism of Ni Catalyst and Supercritical Water during Refractory Organic Wastewater Treatment. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 1535-1547	3.9	14
160	An ultralight nitrogen-doped carbon aerogel anchored by Ni-NiO nanoparticles for enhanced microwave adsorption performance. <i>Journal of Alloys and Compounds</i> , 2019 , 776, 43-51	5.7	35
159	Novel nonmetal catalyst of supported tetraphenylphosphonium bromide for acetylene hydrochlorination. <i>Catalysis Science and Technology</i> , 2019 , 9, 188-198	5.5	9
158	Zn/Cu bimetallic catalysts supported on pure silica MCM-41 for acetylene hydration reaction. <i>New Journal of Chemistry</i> , 2018 , 42, 6507-6514	3.6	17
157	Interfacial functional terminals enhance the heterogeneous nucleation of lysozyme crystals. <i>CrystEngComm</i> , 2018 , 20, 2499-2510	3.3	5
156	MOF-derived various morphologies of N-doped carbon composites for acetylene hydrochlorination. <i>Journal of Materials Science</i> , 2018 , 53, 4913-4926	4.3	35
155	Synthesis of aromatic-doped polycaprolactone with tunable degradation behavior. <i>Polymer Chemistry</i> , 2018 , 9, 3931-3943	4.9	4
154	Synthesis of Vinyl Chloride Monomer over Carbon-Supported Tris-(Triphenylphosphine) Ruthenium Dichloride Catalysts. <i>Catalysts</i> , 2018 , 8, 276	4	5
153	Hydrochlorination of acetylene catalyzed by activated carbon supported highly dispersed gold nanoparticles. <i>Applied Catalysis A: General</i> , 2018 , 566, 15-24	5.1	12
152	Dehydrochlorination of 1,2-dichloroethane over a tetraphenylphosphonium chloride-supported carbon catalyst. <i>New Journal of Chemistry</i> , 2018 , 42, 18729-18738	3.6	8
151	Histidine-assisted synthesis of CeO ₂ nanoparticles for improving the catalytic performance of Pt-based catalysts in methanol electrooxidation. <i>New Journal of Chemistry</i> , 2018 , 42, 18159-18165	3.6	4
150	Effects of Coordination Ability of Nitrogen-Containing Carboxylic Acid Ligands on Nieuwland Catalyst. <i>Catalysts</i> , 2018 , 8, 337	4	8
149	Synergistic Effect of F Doping and LiF Coating on Improving the High-Voltage Cycling Stability and Rate Capacity of LiNiCoMnO Cathode Materials for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34153-34162	9.5	79
148	Performance of bimetallic PdRu catalysts supported on gamma alumina for 2-ethylantraquinone hydrogenation. <i>RSC Advances</i> , 2017 , 7, 6447-6456	3.7	25

147	CO ₂ -activated porous carbon derived from cattail biomass for removal of malachite green dye and application as supercapacitors. <i>Chemical Engineering Journal</i> , 2017 , 317, 493-502	14.7	166
146	Highly Efficient Ru@IL/AC To Substitute Mercuric Catalyst for Acetylene Hydrochlorination. <i>ACS Catalysis</i> , 2017 , 7, 3510-3520	13.1	65
145	H ₂ and CO production through coking wastewater in supercritical water condition: ReaxFF reactive molecular dynamics simulation. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 9667-9678	6.7	29
144	Oxidation modification of Ru-based catalyst for acetylene hydrochlorination. <i>RSC Advances</i> , 2017 , 7, 23742-23750	3.7	23
143	Catalytic Pyrolysis of Bituminous Coal under Pyrolysis Gas over a Ni/MgO Catalyst. <i>Chemical Engineering and Technology</i> , 2017 , 40, 1605-1610	2	16
142	A Review of Challenges and Recent Progress in Supercritical Water Oxidation of Wastewater. <i>Chemical Engineering Communications</i> , 2017 , 204, 265-282	2.2	37
141	Geometrical improvement of inline high shear mixers to intensify micromixing performance. <i>Chemical Engineering Journal</i> , 2017 , 319, 307-320	14.7	17
140	Effect of Ru/Cl ratio on the reaction of acetylene hydrochlorination. <i>New Journal of Chemistry</i> , 2017 , 41, 14675-14682	3.6	16
139	Chemoselective N-arylation of aminobenzamides via copper catalysed Chan-Evans-Lam reactions. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 9288-9292	3.9	21
138	Effect of Stator Geometry on the Emulsification and Extraction in the Inline Single-Row Blade-Screen High Shear Mixer. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 9376-9388	3.9	18
137	Safety-Reinforced Succinonitrile-Based Electrolyte with Interfacial Stability for High-Performance Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29820-29828	9.5	45
136	Improvement of imidazolium-based ionic liquids on the activity of ruthenium catalyst for acetylene hydrochlorination. <i>Molecular Catalysis</i> , 2017 , 443, 220-227	3.3	25
135	Non-stoichiometric carbon-coated LiFePO ₄ as cathode materials for high-performance Li-ion batteries. <i>RSC Advances</i> , 2017 , 7, 33544-33551	3.7	8
134	Measurement and correlation of solubility of trimethylolethane in different pure solvents and binary mixtures. <i>Chinese Journal of Chemical Engineering</i> , 2017 , 25, 1473-1480	3.2	2
133	Catalytic Performance of Oligonucleotide-Templated Pt Nanozyme Evaluated by Laccase Substrates. <i>Catalysis Letters</i> , 2017 , 147, 2144-2152	2.8	20
132	CFD analysis of flow pattern and power consumption for viscous fluids in in-line high shear mixers. <i>Chemical Engineering Research and Design</i> , 2017 , 117, 190-204	5.5	22
131	Determination and correlation of solubility of linezolid form II in different pure and binary solvents. <i>Fluid Phase Equilibria</i> , 2017 , 432, 18-27	2.5	15
130	Nitrogen-Doped Carbon Nanoparticles for Oxygen Reduction Prepared via a Crushing Method Involving a High Shear Mixer. <i>Materials</i> , 2017 , 10,	3.5	13

129	Hydrochlorination of Acetylene Catalyzed by an Activated Carbon-Supported Ammonium Hexachlororuthenate Complex. <i>Catalysts</i> , 2017 , 7, 17	4	15
128	Activated Carbon-Supported Tetrapropylammonium Perruthenate Catalysts for Acetylene Hydrochlorination. <i>Catalysts</i> , 2017 , 7, 311	4	11
127	Direct synthesis of hydrogen peroxide from hydrogen and oxygen over activated-carbon-supported PdAg alloy catalysts. <i>Catalysis Science and Technology</i> , 2016 , 6, 809-817	5.5	45
126	Bio-inspired enantioseparation for chiral compounds. <i>Chinese Journal of Chemical Engineering</i> , 2016 , 24, 31-38	3.2	6
125	Hydrochlorination of acetylene catalyzed by an activated carbon supported chlorotriphenylphosphine gold complex. <i>Catalysis Science and Technology</i> , 2016 , 6, 7946-7955	5.5	27
124	Sulfur transformation in coal during supercritical water gasification. <i>Fuel</i> , 2016 , 186, 394-404	7.1	36
123	MOF-derived nitrogen-doped porous carbon as metal-free catalysts for acetylene hydrochlorination. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 44, 146-154	6.3	56
122	Gold-glutathione complex catalysts with carbon support for non-mercury catalytic acetylene hydrochlorination. <i>RSC Advances</i> , 2016 , 6, 105110-105118	3.7	10
121	Colorimetric detection of cysteine and homocysteine based on an oligonucleotide-stabilized Pd nanozyme. <i>Analytical Methods</i> , 2016 , 8, 5111-5116	3.2	18
120	Liquid-liquid mass transfer property of two inline high shear mixers. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016 , 101, 16-24	3.7	8
119	Strontium promoted activated carbon-supported gold catalysts for non-mercury catalytic acetylene hydrochlorination. <i>Catalysis Science and Technology</i> , 2016 , 6, 3230-3237	5.5	24
118	Ru-Co(III)-Cu(II)/SAC catalyst for acetylene hydrochlorination. <i>Applied Catalysis B: Environmental</i> , 2016 , 189, 56-64	21.8	62
117	Effects of nitrogen-dopants on Ru-supported catalysts for acetylene hydrochlorination. <i>RSC Advances</i> , 2016 , 6, 18026-18032	3.7	28
116	Design of distributed wastewater treatment networks of multiple contaminants with maximum inlet concentration constraints. <i>Journal of Cleaner Production</i> , 2016 , 118, 170-178	10.3	5
115	Bimetallic AuSn/AC catalysts for acetylene hydrochlorination. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 35, 177-184	6.3	46
114	Highly active and stable CeO ₂ /BiO ₂ supported Cu catalysts for the hydrogenation of methyl acetate to ethanol. <i>Fuel Processing Technology</i> , 2016 , 143, 219-224	7.2	35
113	Development, applications and challenges of ReaxFF reactive force field in molecular simulations. <i>Frontiers of Chemical Science and Engineering</i> , 2016 , 10, 16-38	4.5	60
112	Metal organic frameworks derived porous lithium iron phosphate with continuous nitrogen-doped carbon networks for lithium ion batteries. <i>Journal of Power Sources</i> , 2016 , 304, 42-50	8.9	37

111	Guanine-rich DNA-based peroxidase mimetics for colorimetric assays of alkaline phosphatase. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 549-56	11.8	69
110	Lithium difluoro(oxalate)borate and LiBF ₄ blend salts electrolyte for LiNi _{0.5} Mn _{1.5} O ₄ cathode material. <i>Journal of Power Sources</i> , 2016 , 302, 274-282	8.9	47
109	Ru/N-AC catalyst to produce vinyl chloride from acetylene and 1,2-dichloroethane. <i>Catalysis Science and Technology</i> , 2016 , 6, 1402-1409	5.5	36
108	Non-mercury catalytic acetylene hydrochlorination over activated carbon-supported Au catalysts promoted by CeO ₂ . <i>Catalysis Science and Technology</i> , 2016 , 6, 1821-1828	5.5	20
107	Simultaneous optimization of heat-integrated water networks by a nonlinear program. <i>Chemical Engineering Science</i> , 2016 , 140, 76-89	4.4	29
106	Effect of Sludge Conditioning Temperature on the Thickening and Dewatering Performance of Polymers. <i>Journal of Residuals Science and Technology</i> , 2016 , 13, 215-224		5
105	A poly(amide-co-ester) nanofiltration membrane using monomers of glucose and trimesoyl chloride. <i>Journal of Membrane Science</i> , 2016 , 504, 185-195	9.6	43
104	A Cross-Linking Succinonitrile-Based Composite Polymer Electrolyte with Uniformly Dispersed Vinyl-Functionalized SiO ₂ Particles for Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23668-75	9.5	63
103	Thin film composite nanofiltration membrane prepared by the interfacial polymerization of 1,2,4,5-benzene tetracarboxyl chloride on the mixed amines cross-linked poly(ether imide) support. <i>Journal of Membrane Science</i> , 2016 , 520, 19-28	9.6	61
102	Analysis of degradation mechanism of disperse orange 25 in supercritical water oxidation using molecular dynamic simulations based on the reactive force field. <i>Journal of Molecular Modeling</i> , 2015 , 21, 54	2	18
101	Polyamide thin film composite membrane using mixed amines of thiourea and m-phenylenediamine. <i>RSC Advances</i> , 2015 , 5, 54125-54132	3.7	8
100	DNA-stabilized bimetallic nanozyme and its application on colorimetric assay of biothiols. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 1038-46	11.8	56
99	Glutathione-stabilized palladium nanozyme for colorimetric assay of silver(I) ions. <i>Analyst, The</i> , 2015 , 140, 6676-83	5	48
98	Effects of potassium additive on the activity of Ru catalyst for acetylene hydrochlorination. <i>RSC Advances</i> , 2015 , 5, 37774-37779	3.7	35
97	Synthesis and sensing application of glutathione-capped platinum nanoparticles. <i>Analytical Methods</i> , 2015 , 7, 4464-4471	3.2	23
96	Performance of facet-controlled Pd nanocrystals in 2-ethylanthraquinone hydrogenation. <i>Catalysis Science and Technology</i> , 2015 , 5, 2630-2639	5.5	23
95	LiFePO ₄ nanoparticles growth with preferential (010) face modulated by Tween-80. <i>RSC Advances</i> , 2015 , 5, 9745-9751	3.7	44
94	Influence of chlorine coordination number on the catalytic mechanism of ruthenium chloride catalysts in the acetylene hydrochlorination reaction: a DFT study. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7720-30	3.6	33

93	Nitrogen functional groups on an activated carbon surface to effect the ruthenium catalysts in acetylene hydrochlorination. <i>RSC Advances</i> , 2015 , 5, 86172-86178	3.7	34
92	Boron and Nitrogen Codoped Carbon Layers of LiFePO ₄ Improve the High-Rate Electrochemical Performance for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20134-43	9.5	64
91	Hydrochlorination of acetylene using supported phosphorus-doped Cu-based catalysts. <i>Catalysis Science and Technology</i> , 2015 , 5, 5174-5184	5.5	41
90	Influence of the support composition on the hydrogenation of methyl acetate over Cu/MgO-SiO ₂ catalysts. <i>Journal of Molecular Catalysis A</i> , 2015 , 409, 79-84		23
89	Simultaneous Heat Exchanger Network Synthesis Involving Nonisothermal Mixing Streams with Temperature-Dependent Heat Capacity. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 8979-8987	3.9	12
88	BSA-stabilized Pt nanozyme for peroxidase mimetics and its application on colorimetric detection of mercury(II) ions. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 251-8	11.8	220
87	Intrinsic enantioselectivity of natural polynucleotides modulated by copper ions. <i>Chirality</i> , 2015 , 27, 306-13	1.3	1
86	Novel diamine-modified composite nanofiltration membranes with chlorine resistance using monomers of 1,2,4,5-benzene tetracarbonyl chloride and m-phenylenediamine. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8816-8824	13	44
85	Controllable synthesis of nano-sized LiFePO ₄ /C via a high shear mixer facilitated hydrothermal method for high rate Li-ion batteries. <i>Electrochimica Acta</i> , 2015 , 173, 448-457	6.7	50
84	DRIFTS study of photo-assisted catalytic CO + NO redox reaction over CuO/CeO ₂ -TiO ₂ . <i>Catalysis Today</i> , 2015 , 258, 139-147	5.3	26
83	Catalytic dehydrochlorination of 1,2-dichloroethane to produce vinyl chloride over N-doped coconut activated carbon. <i>RSC Advances</i> , 2015 , 5, 104071-104078	3.7	26
82	Non-mercury catalytic acetylene hydrochlorination over Ru catalysts enhanced by carbon nanotubes. <i>RSC Advances</i> , 2015 , 5, 9002-9008	3.7	43
81	Inflection point method (IPM): A new method for single-contaminant industrial water networks design. <i>Chemical Engineering Science</i> , 2015 , 126, 529-542	4.4	4
80	Application of mesoporous carbon nitride as a support for an Au catalyst for acetylene hydrochlorination. <i>Chemical Engineering Science</i> , 2015 , 135, 472-478	4.4	28
79	Supercritical Water Oxidation vs Supercritical Water Gasification: Which Process Is Better for Explosive Wastewater Treatment?. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 1251-1260	3.9	41
78	Non-mercury catalytic acetylene hydrochlorination over bimetallic AuBa(II)/AC catalysts. <i>Catalysis Science and Technology</i> , 2015 , 5, 1870-1877	5.5	57
77	LDA measurements and CFD simulations of an in-line high shear mixer with ultrafine teeth. <i>AIChE Journal</i> , 2014 , 60, 1143-1155	3.6	28
76	CO methanation over ZrO ₂ /Al ₂ O ₃ supported Ni catalysts: A comprehensive study. <i>Fuel Processing Technology</i> , 2014 , 124, 61-69	7.2	67

75	A review on TiO ₂ -based nanotubes synthesized via hydrothermal method: Formation mechanism, structure modification, and photocatalytic applications. <i>Catalysis Today</i> , 2014 , 225, 34-51	5.3	349
74	CFD modeling of hydrodynamic characteristics of a gas-liquid two-phase stirred tank. <i>Applied Mathematical Modelling</i> , 2014 , 38, 63-92	4.5	52
73	Nanomaterials and nanoclusters based on DNA modulation. <i>Current Opinion in Biotechnology</i> , 2014 , 28, 33-8	11.4	23
72	Bimetallic Au-Pd/CSs catalysts for acetylene hydrochlorination. <i>Catalysis Science and Technology</i> , 2014 , 4, 4426-4432	5.5	49
71	Phosphorus-doped carbon supports enhance gold-based catalysts for acetylene hydrochlorination. <i>RSC Advances</i> , 2014 , 4, 15877-15885	3.7	52
70	Enantioselective separation of chiral ofloxacin using functional Cu(II)-coordinated G-rich oligonucleotides. <i>RSC Advances</i> , 2014 , 4, 1329-1333	3.7	4
69	Enantioselective recognition mechanism of ofloxacin via Cu(II)-modulated DNA. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 5300-9	3.4	11
68	Gas-Liquid Mass Transfer Characteristics in Two Inline High Shear Mixers. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 4894-4901	3.9	13
67	Mechanistic insight into the selective crystallization of the metastable polymorph of tolbutamide in ethanol-water solution. <i>RSC Advances</i> , 2014 , 4, 21599-21607	3.7	10
66	Simultaneous integration of water and energy on conceptual methodology for both single- and multi-contaminant problems. <i>Chemical Engineering Science</i> , 2014 , 117, 436-444	4.4	31
65	Active ruthenium species in acetylene hydrochlorination. <i>Applied Catalysis A: General</i> , 2014 , 488, 28-36	5.1	71
64	DNA-Based Platinum Nanozymes for Peroxidase Mimetics. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 18116-18125	3.8	87
63	Cu(II)-coordinated GpG-duplex DNA as peroxidase mimetics and its application for label-free detection of Cu ²⁺ ions. <i>Biosensors and Bioelectronics</i> , 2014 , 60, 252-8	11.8	26
62	Non-mercury catalytic acetylene hydrochlorination over spherical activated-carbon-supported Au-Pd(III)-Cu(II) catalysts. <i>Journal of Catalysis</i> , 2014 , 316, 141-148	7.3	93
61	Chiral discrimination of ofloxacin enantiomers using DNA double helix regulated by metal ions. <i>Chirality</i> , 2014 , 26, 249-54	2.1	7
60	Nitrogen-doped carbon supports with terminated hydrogen and their effects on active gold species: a density functional study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 25498-507	3.6	21
59	Effects of polymorphic DNA on the fluorescent properties of silver nanoclusters. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 1864-72	4.2	28
58	Effect of supercritical water on the stability and activity of alkaline carbonate catalysts in coal gasification. <i>Journal of Energy Chemistry</i> , 2013 , 22, 459-467	12	23

57	Isobaric Vapor-Liquid Equilibria of Binary Systems (Propyl Acetate + n-Pentanol), (Propyl Acetate + 1-Methyl-1-butanol), and (Propyl Acetate + 3-Methyl-1-butanol) at 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 3254-3258	2.8	2
56	Highly active subnano palladium clusters embedded in i-motif DNA. <i>Langmuir</i> , 2013 , 29, 14345-50	4	17
55	High gradient magnetic separation of catalyst/wax mixture in Fischer-Tropsch synthesis: Modeling and experimental study. <i>Chemical Engineering Science</i> , 2013 , 99, 28-37	4.4	6
54	G-/C-rich Oligonucleotides Stabilized Pd Nanocatalysts for the Suzuki Coupling Reaction Under Mild Conditions. <i>Catalysis Letters</i> , 2013 , 143, 578-586	2.8	12
53	Acetylene hydrochlorination over bimetallic Ru-based catalysts. <i>RSC Advances</i> , 2013 , 3, 21062	3.7	58
52	Residence time distributions of in-line high shear mixers with ultrafine teeth. <i>Chemical Engineering Science</i> , 2013 , 87, 111-121	4.4	23
51	The effect of supercritical water on coal pyrolysis and hydrogen production: A combined ReaxFF and DFT study. <i>Fuel</i> , 2013 , 108, 682-690	7.1	107
50	Enantioselective resolution of chiral drugs using BSA functionalized magnetic nanoparticles. <i>Separation and Purification Technology</i> , 2013 , 107, 11-18	8.3	46
49	Enantioseparation of chiral ofloxacin using biomacromolecules. <i>Korean Journal of Chemical Engineering</i> , 2013 , 30, 1448-1453	2.8	10
48	Non-mercury catalytic acetylene hydrochlorination over bimetallic Au-Co(III)/SAC catalysts for vinyl chloride monomer production. <i>Green Chemistry</i> , 2013 , 15, 829	10	132
47	Single-Pass Emulsification Processes in Two Different Inline High Shear Mixers. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 14463-14471	3.9	14
46	Adsorption of Acetylene on CuCl(111) Surfaces Using Density Functional Theory. <i>Asian Journal of Chemistry</i> , 2013 , 25, 8859-8862	0.4	3
45	Measurement and correlation for solubility of dexibuprofen in different solvents from 263.15 to 293.15 K. <i>Thermochimica Acta</i> , 2012 , 540, 91-97	2.9	8
44	Growth mechanisms of fluorescent silver clusters regulated by polymorphic DNA templates: a DFT study. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 1655-65	3.4	46
43	Measurement and correlation for solubility of levofloxacin in six solvents at temperatures from 288.15 to 328.15 K. <i>Fluid Phase Equilibria</i> , 2012 , 335, 1-7	2.5	32
42	Pump Capacity and Power Consumption of Two Commercial In-line High Shear Mixers. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 121224065209003	3.9	3
41	High shear mixers: A review of typical applications and studies on power draw, flow pattern, energy dissipation and transfer properties. <i>Chemical Engineering and Processing: Process Intensification</i> , 2012 , 57-58, 25-41	3.7	108
40	Deactivation mechanism of AuCl ₃ catalyst in acetylene hydrochlorination reaction: a DFT study. <i>RSC Advances</i> , 2012 , 2, 4814	3.7	79

39	Effect of TiO ₂ support on the structural and electronic properties of PdAg clusters: a first-principles study. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 8683-92	3.6	20
38	Solubility of caprolactam in different organic solvents. <i>Fluid Phase Equilibria</i> , 2012 , 319, 9-15	2.5	10
37	Solubility of Dexibuprofen in Different Solvents from (263.15 to 293.15) K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 671-673	2.8	6
36	Orderly microaggregates of G-/C-rich oligonucleotides associated with spermine. <i>Biomacromolecules</i> , 2011 , 12, 747-56	6.9	9
35	Local heat transfer properties in co- and counter-current GFB magnetically stabilized fluidized beds. <i>Particuology</i> , 2011 , 9, 44-50	2.8	8
34	Progress on cleaner production of vinyl chloride monomers over non-mercury catalysts. <i>Frontiers of Chemical Science and Engineering</i> , 2011 , 5, 514-520	4.5	75
33	Silver Nanomaterials Regulated by Structural Competition of G-/C-Rich Oligonucleotides. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 10370-10379	3.8	37
32	Effects of Self-Assembled Monolayers on Selective Crystallization of Tolbutamide. <i>Crystal Growth and Design</i> , 2011 , 11, 5498-5506	3.5	16
31	Effects of surfactant/water ratio and dye amount on the fluorescent silica nanoparticles. <i>Colloid Journal</i> , 2010 , 72, 723-729	1.1	5
30	Catalytic Performance of Ag Nanoparticles Templated by Polymorphic DNA. <i>Catalysis Letters</i> , 2010 , 139, 145-150	2.8	18
29	Effects of CTAB on porous silica templated by chitosan. <i>Journal of Materials Science</i> , 2010 , 45, 4470-4479	4.3	11
28	Branched silica nanostructures oriented by dynamic G-quadruplex transformation. <i>Materials Research Bulletin</i> , 2010 , 45, 1954-1959	5.1	4
27	Natural isoflavones regulate the quadruplex-duplex competition in human telomeric DNA. <i>Nucleic Acids Research</i> , 2009 , 37, 2471-82	20.1	22
26	Ethanol steam reforming over Ni-Cu/Al ₂ O ₃ -MgO (M = Si, La, Mg, and Zn) catalysts. <i>Journal of Natural Gas Chemistry</i> , 2009 , 18, 55-65		38
25	Light FCC gasoline olefin oligomerization over a magnetic NiSO ₄ /Al ₂ O ₃ catalyst in a magnetically stabilized bed. <i>AIChE Journal</i> , 2009 , 55, 717-725	3.6	18
24	Ethanol steam reforming reactions over Al ₂ O ₃ /SiO ₂ -supported Ni catalysts. <i>Fuel</i> , 2009 , 88, 511-518	7.1	72
23	Theoretical study of the prohibited mechanism for ethylene/vinyl acetate co-polymers to the wax crystal growth. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 36-43	3.4	42
22	Film thickness dependence of protein adsorption from blood serum and plasma onto poly(sulfobetaine)-grafted surfaces. <i>Langmuir</i> , 2008 , 24, 9211-4	4	203

21	Comparative study of LaNiO ₃ and La ₂ NiO ₄ catalysts for partial oxidation of methane. <i>Reaction Kinetics and Catalysis Letters</i> , 2008 , 95, 89-97		16
20	Selective acetylene hydrogenation over core-shell magnetic Pd-supported catalysts in a magnetically stabilized bed. <i>AIChE Journal</i> , 2008 , 54, 1358-1364	3.6	30
19	Critical micelle concentrations of cetyltrimethylammonium chloride and their influence on the periodic structure of mesoporous silica. <i>Colloid Journal</i> , 2008 , 70, 747-752	1.1	8
18	Packing structure of MPS SAMs and its influence on oriented deposition of SnO ₂ crystal films. <i>AIChE Journal</i> , 2007 , 53, 2957-2967	3.6	5
17	Mass transfer in G-L-S countercurrent magnetically stabilized bed with amorphous alloy SRNA-4 catalyst. <i>Particuology: Science and Technology of Particles</i> , 2007 , 5, 116-120		8
16	Preparation of La ₂ NiO ₄ catalyst and catalytic performance for partial oxidation of methane. <i>Journal of Molecular Catalysis A</i> , 2007 , 269, 254-259		39
15	Self-assembly of cetyl trimethylammonium bromide in ethanol-water mixtures. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2006 , 1, 438-442		85
14	Axial Liquid Dispersion Characteristics in Magnetically Stabilized Bed. <i>Chinese Journal of Chemical Engineering</i> , 2006 , 14, 532-536	3.2	10
13	Interphase Mass Transfer in G-L-S Magnetically Stabilized Bed with Amorphous Alloy SRNA-4 Catalyst. <i>Chinese Journal of Chemical Engineering</i> , 2006 , 14, 734-739	3.2	16
12	Interactions between Building Integrated Photovoltaics and Microclimate in Urban Environments. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2006 , 128, 168-172	2.3	8
11	Interactions of daidzin with intramolecular G-quadruplex. <i>FEBS Letters</i> , 2006 , 580, 4905-10	3.8	37
10	Artificial neural network model to predict cold filter plugging point of blended diesel fuels. <i>Fuel Processing Technology</i> , 2006 , 87, 585-590	7.2	18
9	Interactions Between Building Integrated Photovoltaics and Microclimate in Urban Environments 2005 , 499		3
8	Growth of SnO ₂ thin films on self-assembled layers of the short-chain alkoxysilane. <i>Applied Surface Science</i> , 2005 , 245, 94-101	6.7	7
7	DFT and MM calculation: the performance mechanism of pour point depressants study. <i>Fuel</i> , 2004 , 83, 315-326	7.1	50
6	Partial oxidation of methane to syngas over BaTi _{1-x} Ni _x O ₃ catalysts. <i>Catalysis Today</i> , 2004 , 98, 583-587	5.3	14
5	Study on performance mechanism of pour point depressants with differential scanning calorimeter and X-ray diffraction methods?. <i>Fuel</i> , 2003 , 82, 1419-1426	7.1	70
4	Synthesis of mesoporous silica membranes oriented by self-assembles of surfactants. <i>Journal of Membrane Science</i> , 2003 , 222, 219-224	9.6	20

3	Intensifying strategy of ionic liquids for Pd-based catalysts in anthraquinone hydrogenation. <i>Catalysis Science and Technology</i> ,	5.5	1
2	Micromixing performance of the teathed high shear mixer under semi-batch operation. <i>Frontiers of Chemical Science and Engineering</i> ,1	4.5	1
1	Chemical reactions of oily sludge catalyzed by iron oxide under supercritical water gasification condition. <i>Frontiers of Chemical Science and Engineering</i> ,1	4.5	1