

# Xiaolong Tang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5011803/xiaolong-tang-publications-by-year.pdf>

**Version:** 2024-04-27

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.

105  
papers

2,472  
citations

25  
h-index

46  
g-index

106  
ext. papers

3,194  
ext. citations

5.9  
avg, IF

5.39  
L-index

#	Paper	IF	Citations
105	Application of MCM-48 with large specific surface area for VOCs elimination: synthesis and hydrophobic functionalization for highly efficient adsorption.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
104	Structural control for inhibiting SO <sub>2</sub> adsorption in porous MnCe nanowire aerogel catalysts for low-temperature NH <sub>3</sub> -SCR. <i>Chemical Engineering Journal</i> , <b>2022</b> , 434, 134729	14.7	2
103	Efficient catalytic oxidation of methyl mercaptan to sulfur dioxide with NiCuFe mixed metal oxides. <i>Environmental Technology and Innovation</i> , <b>2022</b> , 26, 102252	7	1
102	Selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> on Mn, Co-BTC-derived catalysts: Influence of thermal treatment temperature. <i>Journal of Solid State Chemistry</i> , <b>2022</b> , 307, 122843	3.3	1
101	Co- or Ni-modified Sn-MnO <sub>x</sub> low-dimensional multi-oxides for high-efficient NH-SCR De-NO <sub>x</sub> : Performance optimization and reaction mechanism.. <i>Journal of Environmental Sciences</i> , <b>2022</b> , 113, 204-218	6.4	5
100	One-step synthesis by redox co-precipitation method for low-dimensional Me-Mn bi-metal oxides (Me=Co, Ni, Sn) as SCR DeNO <sub>x</sub> catalysts. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 29, 21210	5.1	1
99	Trends in air pollutant emissions from the sintering process of the iron and steel industry in the Fenwei Plain and surrounding regions in China, 2014-2017. <i>Chemosphere</i> , <b>2021</b> , 291, 132917	8.4	1
98	Transition in air pollution, disease burden and health cost in China: A comparative study of long-term and short-term exposure. <i>Environmental Pollution</i> , <b>2021</b> , 277, 116770	9.3	16
97	Evolution mechanism of transition metal in NH-SCR reaction over Mn-based bimetallic oxide catalysts: Structure-activity relationships. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 413, 125361	12.8	9
96	Simultaneous removal of gaseous CO and elemental mercury over Cu-Co modified activated coke at low temperature. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 101, 36-48	6.4	4
95	Recent advances in selective catalytic oxidation of nitric oxide (NO-SCO) in emissions with excess oxygen: a review on catalysts and mechanisms. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 2549-2571	5.1	9
94	Byproducts Generation Characteristics of Non-thermal Plasma for NO Conversion: Effect of Reaction Conditions. <i>Plasma Chemistry and Plasma Processing</i> , <b>2021</b> , 41, 369-387	3.6	0
93	MnCo binary oxides for low-temperature catalytic oxidation of NO: effect of SO <sub>2</sub> and regeneration. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 2956-2964	3.5	1
92	The optimization of hydrothermal synthesis of Mn <sub>x</sub> Co <sub>3-x</sub> O <sub>4</sub> /GC catalyst for low temperature NH <sub>3</sub> -SCR /using design of experiments. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 2965-2975	3.5	1
91	Enhancement strategies for SCR activity, H <sub>2</sub> O & SO <sub>2</sub> resistances and N <sub>2</sub> selectivity on upgraded HMoP/Co/MnCeO <sub>x</sub> /NF catalysts. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106190	6.8	2
90	Acid modification enhances selective catalytic reduction activity and sulfur dioxide resistance of manganese-cerium-cobalt catalysts: Insight into the role of phosphotungstic acid. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 603, 291-306	9.3	4
89	Novel Ni-Mn Bi-oxides Doped Active Coke Catalysts for NH <sub>3</sub> -SCR De-NO <sub>x</sub> at Low Temperature. <i>ChemistrySelect</i> , <b>2020</b> , 5, 6494-6503	1.8	5

88	Isolated single-atom Pt sites for highly selective electrocatalytic hydrogenation of formaldehyde to methanol. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 8913-8919	13	19
87	A novel semi-dry method for the simultaneous removal of Hg and SO <sub>2</sub> using spray drying absorption method. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2020</b> , 95, 1431-1440	3.5	2
86	Ultrasound-assisted modification of Al <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> -Ce core-shell structure adsorbent for simultaneous desulfurization and denitrification. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2020</b> , 95, 2261-2271	3.5	2
85	Formation of active oxygen species on single-atom Pt catalyst and promoted catalytic oxidation of toluene. <i>Nano Research</i> , <b>2020</b> , 13, 1544-1551	10	33
84	Fix of Zn species in silicalite-2 via a facile crystallisation process control route. <i>Micro and Nano Letters</i> , <b>2020</b> , 15, 451-454	0.9	
83	Novel Mn <sub>2</sub> Te bi-oxides loaded on 3D monolithic nickel foam for low-temperature NH <sub>3</sub> -SCR de-NO : Preparation optimization and reaction mechanism. <i>Journal of Rare Earths</i> , <b>2020</b> ,	3.7	8
82	Selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> over iron-cerium mixed oxide catalyst prepared by different methods. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2020</b> , 95, 232-245	3.5	10
81	Manganese oxides supported on ACFN by a one-step redox method for the low-temperature NO <sub>x</sub> reduction with NH <sub>3</sub> : effect of acid addition. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2020</b> , 95, 1380-1391	3.5	2
80	The effect of non-selective oxidation on the Mn <sub>2</sub> Co <sub>1</sub> O <sub>x</sub> catalysts for NH <sub>3</sub> -SCR: Positive and non-positive. <i>Chemical Engineering Journal</i> , <b>2020</b> , 385, 123797	14.7	20
79	MnNiO spinel catalyst for high-efficiency selective catalytic reduction of nitrogen oxides with good resistance to H <sub>2</sub> O and SO <sub>2</sub> at low temperature. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 89, 145-155	6.4	15
78	Effect of hierarchical element doping on the low-temperature activity of manganese-based catalysts for NH <sub>3</sub> -SCR. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104399	6.8	24
77	Comparison of Selective Catalytic Reduction Performance of Mn <sub>2</sub> Co Bi-Metal Oxides Prepared by Different Methods. <i>ChemistrySelect</i> , <b>2020</b> , 5, 9409-9416	1.8	3
76	Spinel-structured Mn <sub>2</sub> Ni nanosheets for NH <sub>3</sub> -SCR of NO with good H <sub>2</sub> O and SO <sub>2</sub> resistance at low temperature. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 7486-7501	5.5	11
75	Spontaneous Formation of Asymmetric Oxygen Vacancies in Transition-Metal-Doped CeO <sub>2</sub> Nanorods with Improved Activity for Carbonyl Sulfide Hydrolysis. <i>ACS Catalysis</i> , <b>2020</b> , 10, 11739-11750	13.1	44
74	Mn-CeO <sub>x</sub> /MeO <sub>x</sub> (Ti, Al)/cordierite preparation with ultrasound-assisted for non-methane hydrocarbon removal from cooking oil fumes. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 53, 126-133	8.9	5
73	Reducing the competitive adsorption between SO <sub>2</sub> and NO by Al <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> core-shell structure adsorbent. <i>Chemical Engineering Journal</i> , <b>2019</b> , 364, 420-427	14.7	10
72	Improving simultaneous removal efficiency of SO <sub>2</sub> and NO <sub>x</sub> from flue gas by surface modification of MgO with organic component. <i>Journal of Cleaner Production</i> , <b>2019</b> , 230, 508-517	10.3	23
71	Characterization of Metal Oxide-modified Walnut-shell Activated Carbon and Its Application for Phosphine Adsorption: Equilibrium, Regeneration, and Mechanism Studies. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2019</b> , 34, 487-495	1	13

70	Mn-Fe-Ce Coating onto Cordierite Monoliths as Structured Catalysts for NO Catalytic Oxidation. <i>ChemistrySelect</i> , <b>2019</b> , 4, 4664-4671	1.8	7
69	Promoting Simultaneous Desulfurization and Denitrification Performance of Al <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> CoreShell Structure Adsorbents by Enhancing Oxidation Performance: Modification by Rare Earth Elements (La, Ce, and Y), Reaction Temperature, and Oxygen Concentration. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 5188-5201	3.9	3
68	Study of reaction mechanism based on further promotion of low temperature degradation of toluene using nano-CeO/CoO under microwave radiation for cleaner production in spraying processing. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 373, 321-334	12.8	16
67	High-efficiency catalytic oxidation of nitric oxide over spherical Mn Co spinel catalyst at low temperature. <i>Applied Surface Science</i> , <b>2019</b> , 479, 548-556	6.7	28
66	Controlled Synthesis of Spinel-Type Mesoporous MnCo Rods for SCR of NO <sub>x</sub> with NH <sub>3</sub> at Low Temperature. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 3606-3617	3.9	37
65	Using CuO-MnO/AC-H as catalyst for simultaneous removal of Hg <sup>0</sup> and NO from coal-fired flue gas. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 364, 700-709	12.8	34
64	Fe-modified Ce-MnO/ACF catalysts for selective catalytic reduction of NO by NH <sub>3</sub> at low-middle temperature. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 27940-27952	5.1	13
63	Non-thermal plasma-assisted catalytic oxidation of NO in a dielectric barrier discharge reactor packed with MO <sub>x</sub> /Al <sub>2</sub> O <sub>3</sub> (M = Mn or Co) as catalysts. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2019</b> , 94, 3180-3189	3.5	2
62	Influence mechanism of different precursors on the adsorption behavior of NO <sub>x</sub> over Cu <sup>2+</sup> ion-exchange ZSM-5. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2019</b> , 94, 3356-3366	3.5	1
61	Facile fabrication of nanosheet-assembled MnCoO hollow flower-like microspheres as highly effective catalysts for the low-temperature selective catalytic reduction of NO by NH <sub>3</sub> . <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 35846-35859	5.1	6
60	Promotional Effects of Transition Metal Modification over Al <sub>2</sub> O <sub>3</sub> for CH <sub>3</sub> SH Catalytic Oxidation. <i>ChemistrySelect</i> , <b>2019</b> , 4, 9901-9907	1.8	3
59	Improvement of activity, selectivity and H <sub>2</sub> O&SO <sub>2</sub> -tolerance of micro-mesoporous CrMn <sub>2</sub> O <sub>4</sub> spinel catalyst for low-temperature NH <sub>3</sub> -SCR of NO <sub>x</sub> . <i>Applied Surface Science</i> , <b>2019</b> , 466, 411-424	6.7	84
58	Cordierite-supported metal oxide for non-methane hydrocarbon oxidation in cooking oil fumes. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 3358-3363	2.6	4
57	Nitrogen Fixation and NO Conversion using Dielectric Barrier Discharge Reactor: Identification and Evolution of Products. <i>Plasma Chemistry and Plasma Processing</i> , <b>2018</b> , 38, 485-501	3.6	18
56	Removal of volatile odorous organic compounds over NiAl mixed oxides at low temperature. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 344, 797-810	12.8	20
55	Improving the Efficiency of Mn-CeO <sub>x</sub> /Cordierite Catalysts for Nonmethane Hydrocarbon Oxidation in Cooking Oil Fumes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 4186-4194	3.9	9
54	An experimental and theoretical study of the adsorption removal of toluene and chlorobenzene on coconut shell derived carbon. <i>Chemosphere</i> , <b>2018</b> , 206, 285-292	8.4	63
53	Removal of Toluene from Industrial Gas by AdsorptionPlasma Catalytic Process: Comparison of Closed Discharge and Ventilated Discharge. <i>Plasma Chemistry and Plasma Processing</i> , <b>2018</b> , 38, 331-345	3.6	12

52	Novel Co <sub>2</sub> NiMn binary oxide catalysts with hydroxyl groups for NH <sub>3</sub> SCR of NO <sub>x</sub> at low temperature. <i>Applied Surface Science</i> , <b>2018</b> , 443, 103-113	6.7	70
51	Behaviors and kinetics of toluene adsorption-desorption on activated carbons with varying pore structure. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 67, 104-114	6.4	88
50	Promotion of low temperature oxidation of toluene vapor derived from the combination of microwave radiation and nano-size Co <sub>3</sub> O <sub>4</sub> . <i>Chemical Engineering Journal</i> , <b>2018</b> , 333, 554-563	14.7	28
49	Facile and fast synthesis of novel Mn <sub>2</sub> CoO <sub>4</sub> @rGO catalysts for the NH <sub>3</sub> -SCR of NO <sub>x</sub> at low temperature. <i>Chemical Engineering Journal</i> , <b>2018</b> , 333, 467-476	14.7	38
48	Study of the properties of adsorption of SO <sub>2</sub> thermal regeneration cycle of activated coke modified by oxidization. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2018</b> , 93, 720-729	3.5	9
47	Study on the Behavior of Divalent Metal Ion in the Crystallization of Hierarchical ZSM-11. <i>Chemistry Letters</i> , <b>2018</b> , 47, 1158-1161	1.7	2
46	Novel synthesis of MeO (Ni, Cu, La)@Nano-CoO from combination of complexation and impregnation in ultrasonic intervention for low temperature oxidation of toluene under microwave radiation. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 40, 543-551	8.9	14
45	NiO-Modified Coconut Shell Based Activated Carbon Pretreated with KOH for the High-Efficiency Adsorption of NO at Ambient Temperature. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 16593-16603	3.9	11
44	Adsorption behavior of chloroform, carbon disulfide, and acetone on coconut shell-derived carbon: experimental investigation, simulation, and model study. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 31219-31229	5.1	17
43	Novel synthesis of Pd-CeMnO perovskite based on unique ultrasonic intervention from combination of Sol-Gel and impregnation method for low temperature efficient oxidation of benzene vapour. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 48, 418-423	8.9	16
42	Promotional mechanisms of activity and SO <sub>2</sub> tolerance of Co- or Ni-doped MnO <sub>x</sub> -CeO <sub>2</sub> catalysts for SCR of NO <sub>x</sub> with NH <sub>3</sub> at low temperature. <i>Chemical Engineering Journal</i> , <b>2017</b> , 317, 20-31	14.7	236
41	Effects of copper-precursors on the catalytic activity of Cu/graphene catalysts for the selective catalytic oxidation of ammonia. <i>Applied Surface Science</i> , <b>2017</b> , 412, 37-44	6.7	34
40	Removal of toluene from industrial gas over 13X zeolite supported catalysts by adsorption-plasma catalytic process. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2017</b> , 92, 2276-2286	3.5	15
39	In-situ DRIFTS for the mechanistic studies of NO oxidation over FeMnO <sub>2</sub> , FeMnO <sub>2</sub> and FeMnO <sub>2</sub> catalysts. <i>Chemical Engineering Journal</i> , <b>2017</b> , 322, 525-537	14.7	111
38	Adsorptive removal of carbonyl sulfide by Fe-modified activated carbon: experiments and DFT calculations. <i>Adsorption</i> , <b>2017</b> , 23, 1013-1022	2.6	8
37	Performance and Pathways of Toluene Degradation over Co/13X by Different Processes Based on Nonthermal Plasma. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 11217-11224	4.1	14
36	Products Yield and Energy Efficiency of Dielectric Barrier Discharge for NO Conversion: Effect of O <sub>2</sub> Content, NO Concentration, and Flow Rate. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 9675-9683	4.1	9
35	Studies on the calcium poisoning and regeneration of commercial De-NO <sub>x</sub> SCR catalyst. <i>Chemical Papers</i> , <b>2017</b> , 71, 1921-1928	1.9	5

34	An Efficient Two-Step Method for NH <sub>3</sub> Removal at Low Temperature Using CoO <sub>x</sub> -CuO <sub>x</sub> /TiO <sub>2</sub> as SCO Catalyst Followed by NiMn <sub>2</sub> O <sub>4</sub> as SCR Catalyst. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 8580-8593	4.1	12
33	Removal of NO Using a Dielectric Barrier Discharge Reactor in a Cycled Adsorption/Desorption and Decomposition System. <i>Arabian Journal for Science and Engineering</i> , <b>2017</b> , 42, 1463-1474	2.5	3
32	N <sub>2</sub> O Formation Characteristics in Dielectric Barrier Discharge Reactor for Environmental Application: Effect of Operating Parameters. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 13901-13908	4.1	13
31	A Review on Selective Catalytic Reduction of NO <sub>x</sub> by NH <sub>3</sub> over Mn-Based Catalysts at Low Temperatures: Catalysts, Mechanisms, Kinetics and DFT Calculations. <i>Catalysts</i> , <b>2017</b> , 7, 199	4	114
30	Effects of seeding on the fast crystallization of ZSM-11 microspheres with intergrowth morphology and small particle size. <i>Journal of Porous Materials</i> , <b>2016</b> , 23, 273-284	2.4	5
29	Adsorption Separation of CO <sub>2</sub> /CH <sub>4</sub> Gas Mixture on Carbon Molecular Sieves Modified by Potassium Carbonate. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2016</b> , 61, 2197-2201	2.8	10
28	Copper modified activated coke for mercury removal from coal-fired flue gas. <i>Chemical Engineering Journal</i> , <b>2016</b> , 286, 585-593	14.7	85
27	The byproduct generation analysis of the NO <sub>x</sub> conversion process in dielectric barrier discharge plasma. <i>RSC Advances</i> , <b>2016</b> , 6, 63946-63953	3.7	12
26	Effects of Preparation Conditions on the Performance of Simultaneous Desulfurization and Denitrification over Ni/Fe Hydrotalcite-like Compounds. <i>Energy &amp; Fuels</i> , <b>2016</b> , 30, 2295-2301	4.1	8
25	Enhancement effects of ultrasound assisted in the synthesis of NiAl hydrotalcite for carbonyl sulfide removal. <i>Ultrasonics Sonochemistry</i> , <b>2016</b> , 32, 336-342	8.9	29
24	NO <sub>x</sub> Removal over Modified Carbon Molecular Sieve Catalysts Using a Combined Adsorption-Discharge Plasma Catalytic Process. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 9097-9103	3.9	14
23	Effect of Potassium-Precursor Promoters on Catalytic Oxidation Activity of Mn-CoO <sub>x</sub> Catalysts for NO Removal. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 9116-9123	3.9	52
22	Study on active coke-based adsorbents for SO <sub>2</sub> removal in flue gas. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2015</b> , 90, 1876-1885	3.5	7
21	Low-temperature selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> over cerium and manganese oxides supported on TiO <sub>2</sub> /graphene. <i>Chemical Engineering Journal</i> , <b>2015</b> , 260, 776-784	14.7	137
20	Energy Utilization of Yellow Phosphorus Tail Gas: Simultaneous Catalytic Hydrolysis of Carbonyl Sulfide and Carbon Disulfide at Low Temperature. <i>Energy Technology</i> , <b>2015</b> , 3, 136-144	3.5	25
19	Study on coadsorption of SO <sub>2</sub> , NO, and CO <sub>2</sub> over copper-supported activated carbon sorbent in different operating conditions. <i>Environmental Progress and Sustainable Energy</i> , <b>2015</b> , 34, 1044-1049	2.5	5
18	One-step synthesis, characterization and catalytic performance of hierarchical Zn-ZSM-11 via facile ZnO routes. <i>RSC Advances</i> , <b>2015</b> , 5, 8152-8162	3.7	10
17	Studies on the Dual-Templating Function of TBA for the Formation of ZSM-11 Intergrowth Morphology. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 2120-2128	3.9	18



16	Low temperature catalytic oxidation of nitric oxide over the Mn <sub>2</sub> O <sub>3</sub> catalyst modified by nonthermal plasma. <i>Catalysis Communications</i> , <b>2015</b> , 64, 12-17	3.2	68
15	Simultaneous Removal of SO <sub>2</sub> , NO, and CO <sub>2</sub> on Metal-Modified Coconut Shell Activated Carbon. <i>Water, Air, and Soil Pollution</i> , <b>2014</b> , 225, 1	2.6	19
14	Nitric oxide decomposition using atmospheric pressure dielectric barrier discharge reactor with different adsorbents. <i>RSC Advances</i> , <b>2014</b> , 4, 58417-58425	3.7	11
13	NO removal in the process of adsorption non-thermal plasma catalytic decomposition. <i>RSC Advances</i> , <b>2014</b> , 4, 8502	3.7	13
12	Manganese Oxides Supported on TiO <sub>2</sub> /Graphene Nanocomposite Catalysts for Selective Catalytic Reduction of NO <sub>x</sub> with NH <sub>3</sub> at Low Temperature. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 11601-11610	3.9	55
11	Simultaneous Adsorption of SO <sub>2</sub> , NO, and CO <sub>2</sub> by K <sub>2</sub> CO <sub>3</sub> -Modified γ-Alumina. <i>Chemical Engineering and Technology</i> , <b>2014</b> , 37, 1049-1054	2	13
10	Simultaneous catalytic hydrolysis of carbonyl sulfide and carbon disulfide over Al <sub>2</sub> O <sub>3</sub> -K/CAC catalyst at low temperature. <i>Journal of Energy Chemistry</i> , <b>2014</b> , 23, 221-226	12	26
9	Catalytic Oxidation of Nitric Oxide over Mn/Be Metal Oxides Catalysts. <i>Journal of Chemical Engineering of Japan</i> , <b>2014</b> , 47, 671-677	0.8	2
8	Preparation and Phosphine Adsorption of Activated Carbon Prepared from Walnut Shells by KOH Chemical Activation. <i>Separation Science and Technology</i> , <b>2014</b> , 49, 2366-2375	2.5	19
7	The poisoning and regeneration effect of alkali metals deposited over commercial V <sub>2</sub> O <sub>5</sub> -WO <sub>3</sub> /TiO <sub>2</sub> catalysts on SCR of NO by NH <sub>3</sub> . <i>Science Bulletin</i> , <b>2014</b> , 59, 3966-3972		26
6	Interactive Effect for Simultaneous Removal of SO <sub>2</sub> , NO, and CO <sub>2</sub> in Flue Gas on Ion Exchanged Zeolites. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 6778-6784	3.9	32
5	Application of AERMOD on near future air quality simulation under the latest national emission control policy of China: a case study on an industrial city. <i>Journal of Environmental Sciences</i> , <b>2013</b> , 25, 1608-17	6.4	21
4	Environmental risk assessment system for phosphogypsum tailing dams. <i>Scientific World Journal</i> , <b>2013</b> , 2013, 680798	2.2	3
3	Low temperature selective catalytic reduction of NO with NH <sub>3</sub> over amorphous MnO catalysts prepared by three methods. <i>Catalysis Communications</i> , <b>2007</b> , 8, 329-334	3.2	208
2	Inhibition of CO in Blast Furnace Flue Gas on Poisoning and Deactivation of a Ni/Activated Carbon Catalyst in COS Hydrolysis. <i>Industrial &amp; Engineering Chemistry Research</i> ,	3.9	2
1	Study on mechanism of low-temperature oxidation of n-hexanal catalysed by 2D ultrathin Co <sub>3</sub> O <sub>4</sub> nanosheets. <i>Nano Research</i> , 1	10	4