

Lin Dong

List of Publications by Year in descending order

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131
papers

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36691

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docs citations

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times ranked

6696
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#	ARTICLE	IF	CITATIONS
1	Molybdenum oxide as an efficient promoter to enhance the NH ₃ -SCR performance of CeO ₂ -SiO ₂ catalyst for NO removal. <i>Catalysis Today</i> , 2022, 397-399, 475-483.	2.2	19
2	Synergistic effects of CeO ₂ /Cu ₂ O on CO catalytic oxidation: Electronic interaction and oxygen defect. <i>Journal of Rare Earths</i> , 2022, 40, 1211-1218.	2.5	17
3	Enhancing low-temperature NH ₃ -SCR performance of Fe-Mn/CeO ₂ catalyst by Al ₂ O ₃ modification. <i>Journal of Rare Earths</i> , 2022, 40, 1454-1461.	2.5	26
4	Catalytic enhancement of small sizes of CeO ₂ additives on Ir/Al ₂ O ₃ for toluene oxidation. <i>Applied Surface Science</i> , 2022, 571, 151200.	3.1	23
5	Effect of different introduction methods of cerium and tin on the properties of titanium-based catalysts for the selective catalytic reduction of NO by NH ₃ . <i>Journal of Colloid and Interface Science</i> , 2022, 613, 320-336.	5.0	11
6	Enhanced methanol selectivity of Cu O/TiO ₂ photocatalytic CO ₂ reduction: Synergistic mechanism of surface hydroxyl and low-valence copper species. <i>Journal of CO₂ Utilization</i> , 2022, 55, 101825.	3.3	18
7	CeO ₂ doping boosted low-temperature NH ₃ -SCR activity of FeTiO _x catalyst: A microstructure analysis and reaction mechanistic study. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	3.3	5
8	Copper Single Atom-Triggered Niobia-Ceria Catalyst for Efficient Low-Temperature Reduction of Nitrogen Oxides. <i>ACS Catalysis</i> , 2022, 12, 2441-2453.	5.5	48
9	Sulfur Vacancy-Rich MoS ₂ -Catalyzed Hydrodeoxygenation of Lactic Acid to Biopropionic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5463-5475.	3.2	18
10	Single-Atom Ce-Modified γ -Fe ₂ O ₃ for Selective Catalytic Reduction of NO with NH ₃ . <i>Environmental Science & Technology</i> , 2022, 56, 10442-10453.	4.6	52
11	Unraveling the SO ₂ Poisoning Effect over the Lifetime of MeO _x (Me = Tj ETQq1 1 0.784314 rgBT /Ove with Surface Species. <i>Journal of Physical Chemistry C</i> , 2022, 126, 12168-12177.	1.5	12
12	Understanding the high performance of an iron-antimony binary metal oxide catalyst in selective catalytic reduction of nitric oxide with ammonia and its tolerance of water/sulfur dioxide. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 427-441.	5.0	28
13	The facet-regulated oxidative dehydrogenation of lactic acid to pyruvic acid on γ -Fe ₂ O ₃ . <i>Green Chemistry</i> , 2021, 23, 328-332.	4.6	18
14	Pilot test of environment-friendly catalysts for the DeNO _x of low-temperature flue gas from a coal-fired plant. <i>Catalysis Science and Technology</i> , 2021, 11, 3164-3175.	2.1	3
15	Advantageous Role of Ir ⁰ Supported on TiO ₂ Nanosheets in Photocatalytic CO ₂ Reduction to CH ₄ : Fast Electron Transfer and Rich Surface Hydroxyl Groups. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6219-6228.	4.0	52
16	The effects of dopant on catalytic activity of Pd/mesoporous alumina for toluene oxidation. <i>Research on Chemical Intermediates</i> , 2021, 47, 1239-1251.	1.3	1
17	Ce-Si Mixed Oxide: A High Sulfur Resistant Catalyst in the NH ₃ -SCR Reaction through the Mechanism-Enhanced Process. <i>Environmental Science & Technology</i> , 2021, 55, 4017-4026.	4.6	66
18	One-Pot Synthesis of CeO ₂ Modified SBA-15 With No Pore Clogging for NO Reduction by CO. <i>Frontiers in Environmental Chemistry</i> , 2021, 2, .	0.7	2

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19	Evaluation of Manganese Oxide Octahedral Molecular Sieves for CO and C ₃ H ₆ Oxidation at Diesel Exhaust Conditions. <i>Frontiers in Environmental Chemistry</i> , 2021, 2, .	0.7	8
20	Construction of Fe ₂ O ₃ loaded and mesopore confined thin-layer titania catalyst for efficient NH ₃ -SCR of NO _x with enhanced H ₂ O/SO ₂ tolerance. <i>Applied Catalysis B: Environmental</i> , 2021, 287, 119982.	10.8	64
21	Edge-Rich Bicrystalline 1T/2H-MoS ₂ Cocatalyst-Decorated {110} Terminated CeO ₂ Nanorods for Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35818-35827.	4.0	65
22	Revealing the effect of paired redox-acid sites on metal oxide catalysts for efficient NO removal by NH ₃ -SCR. <i>Journal of Hazardous Materials</i> , 2021, 416, 125826.	6.5	43
23	Transformation of Highly Stable Pt Single Sites on Defect Engineered Ceria into Robust Pt Clusters for Vehicle Emission Control. <i>Environmental Science & Technology</i> , 2021, 55, 12607-12618.	4.6	21
24	Effects of different methods of introducing Mo on denitration performance and anti-SO ₂ poisoning performance of CeO ₂ . <i>Chinese Journal of Catalysis</i> , 2021, 42, 1488-1499.	6.9	19
25	Relationships between Adsorption Amount of Surface Sulfate and NH ₃ -SCR Performance over CeO ₂ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 21964-21974.	1.5	19
26	Conquering ammonium bisulfate poison over low-temperature NH ₃ -SCR catalysts: A critical review. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120388.	10.8	120
27	Highly efficient Pt catalyst on newly designed CeO ₂ -ZrO ₂ -Al ₂ O ₃ support for catalytic removal of pollutants from vehicle exhaust. <i>Chemical Engineering Journal</i> , 2021, 426, 131855.	6.6	30
28	Effects of different treatment atmospheres on CeO ₂ /g-C ₃ N ₄ photocatalytic CO ₂ reduction: good or bad?. <i>Catalysis Science and Technology</i> , 2021, 11, 2827-2833.	2.1	9
29	Porous biochar supported Ag ₃ PO ₄ photocatalyst for "two-in-one" synergistic adsorptive-photocatalytic removal of methylene blue under visible light irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106753.	3.3	14
30	Enhanced low-temperature NH ₃ -SCR performance of CeTiO catalyst via surface Mo modification. <i>Chinese Journal of Catalysis</i> , 2020, 41, 364-373.	6.9	44
31	Regeneration of deactivated CeCo O ₂ catalyst by simple thermal treatment. <i>Journal of Rare Earths</i> , 2020, 38, 899-905.	2.5	4
32	Gas phase sulfation of ceria-zirconia solid solutions for generating highly efficient and SO ₂ resistant NH ₃ -SCR catalysts for NO removal. <i>Journal of Hazardous Materials</i> , 2020, 388, 121729.	6.5	72
33	Adsorption of acetone and cyclohexane onto CO ₂ activated hydrochars. <i>Chemosphere</i> , 2020, 245, 125664.	4.2	43
34	High Resistance of SO ₂ and H ₂ O over Monolithic Mn-Fe-Ce-Al-O Catalyst for Low Temperature NH ₃ -SCR. <i>Catalysts</i> , 2020, 10, 1329.	1.6	8
35	Morphology-Sensitive Sulfation Effect on Ceria Catalysts for NH ₃ -SCR. <i>Topics in Catalysis</i> , 2020, 63, 932-943.	1.3	24
36	Crystal-Plane Effects of CeO ₂ {110} and CeO ₂ {100} on Photocatalytic CO ₂ Reduction: Synergistic Interactions of Oxygen Defects and Hydroxyl Groups. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14397-14406.	3.2	80

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37	Pt Deposites on TiO ₂ for Photocatalytic H ₂ Evolution: Pt Is Not Only the Cocatalyst, but Also the Defect Repair Agent. <i>Catalysts</i> , 2020, 10, 1047.	1.6	12
38	Tuning Single-Atom Pt ₁ ~CeO ₂ Catalyst for Efficient CO and C ₃ H ₆ Oxidation: Size Effect of Ceria on Pt Structural Evolution. <i>ChemNanoMat</i> , 2020, 6, 1797-1805.	1.5	27
39	Unravelling the structure sensitivity of CuO/SiO ₂ catalysts in the NO + CO reaction. <i>Catalysis Science and Technology</i> , 2020, 10, 3848-3856.	2.1	7
40	Facile Ball-Milling Synthesis of CuO/Biochar Nanocomposites for Efficient Removal of Reactive Red 120. <i>ACS Omega</i> , 2020, 5, 5748-5755.	1.6	79
41	The dual effects of ammonium bisulfate on the selective catalytic reduction of NO with NH ₃ over Fe ₂ O ₃ -WO ₃ catalyst confined in MCM-41. <i>Chemical Engineering Journal</i> , 2020, 389, 124271.	6.6	24
42	Sustainable production of pyruvic acid: oxidative dehydrogenation of lactic acid over the FeMoO/P catalyst. <i>New Journal of Chemistry</i> , 2020, 44, 5884-5894.	1.4	8
43	CeO ₂ nanocrystal-modified layered MoS ₂ /g-C ₃ N ₄ as 0D/2D ternary composite for visible-light photocatalytic hydrogen evolution: Interfacial consecutive multi-step electron transfer and enhanced H ₂ O reactant adsorption. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118072.	10.8	158
44	Getting Insights into the Temperature-Specific Active Sites on Platinum Nanoparticles for CO Oxidation: A Combined in Situ Spectroscopic and ab Initio Density Functional Theory Study. <i>ACS Catalysis</i> , 2019, 9, 7759-7768.	5.5	33
45	Insights into the precursor effect on the surface structure of γ -Al ₂ O ₃ and NO ⁻ + ⁻ CO catalytic performance of CO-pretreated CuO/MnOx/ γ -Al ₂ O ₃ catalysts. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 611-618.	5.0	15
46	Controlling Dynamic Structural Transformation of Atomically Dispersed CuO _x Species and Influence on Their Catalytic Performances. <i>ACS Catalysis</i> , 2019, 9, 9840-9851.	5.5	52
47	Pore Size Expansion Accelerates Ammonium Bisulfate Decomposition for Improved Sulfur Resistance in Low-Temperature NH ₃ -SCR. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4900-4907.	4.0	81
48	Doping effect of Sm on the TiO ₂ /CeSmO _x catalyst in the NH ₃ -SCR reaction: structure-activity relationship, reaction mechanism and SO ₂ tolerance. <i>Catalysis Science and Technology</i> , 2019, 9, 3554-3567.	2.1	46
49	Sorption of tetracycline on H ₂ O ₂ -modified biochar derived from rape stalk. <i>Environmental Pollutants and Bioavailability</i> , 2019, 31, 198-207.	1.3	36
50	Cavity size dependent SO ₂ resistance for NH ₃ -SCR of hollow structured CeO ₂ -TiO ₂ catalysts. <i>Catalysis Communications</i> , 2019, 128, 105719.	1.6	38
51	Ultrafine Bi ₃ Ta ₇ Nanodot-Decorated V, N Codoped TiO ₂ Nanoblocks for Visible-Light Photocatalytic Activity: Interfacial Effect and Mechanism Insight. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13011-13021.	4.0	41
52	An efficient and durable hierarchically porous KLA/TiPO catalyst for vapor phase condensation of lactic acid to 2,3-pentanedione. <i>New Journal of Chemistry</i> , 2019, 43, 5972-5979.	1.4	3
53	Surface hydroxylated hematite promotes photoinduced hole transfer for water oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8050-8054.	5.2	27
54	Enhancing the deNO performance of MnO/CeO ₂ -ZrO ₂ nanorod catalyst for low-temperature NH ₃ -SCR by TiO ₂ modification. <i>Chemical Engineering Journal</i> , 2019, 369, 46-56.	6.6	153

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55	Promoting N ₂ Selectivity of CeMnO _x Catalyst by Supporting TiO ₂ in NH ₃ -SCR Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 6325-6332.	1.8	40
56	Vapor-Phase Deoxygenation of Lactic Acid to Biopropionic Acid over Dispersant-Enhanced Molybdenum Oxide Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 101-109.	1.8	16
57	Investigation of Two-Phase Intergrowth and Coexistence in Mn-Ce-Ti-O Catalysts for the Selective Catalytic Reduction of NO with NH ₃ : Structure-Activity Relationship and Reaction Mechanism. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 849-862.	1.8	43
58	Biochar amendment improves crop production in problem soils: A review. <i>Journal of Environmental Management</i> , 2019, 232, 8-21.	3.8	377
59	Chemically activated hydrochar as an effective adsorbent for volatile organic compounds (VOCs). <i>Chemosphere</i> , 2019, 218, 680-686.	4.2	145
60	Effect of Ti ⁴⁺ and Sn ⁴⁺ co-incorporation on the catalytic performance of CeO ₂ -MnO catalyst for low temperature NH ₃ -SCR. <i>Applied Surface Science</i> , 2019, 476, 283-292.	3.1	75
61	Integrated adsorption and photocatalytic degradation of volatile organic compounds (VOCs) using carbon-based nanocomposites: A critical review. <i>Chemosphere</i> , 2019, 218, 845-859.	4.2	299
62	Improved activity and significant SO ₂ tolerance of samarium modified CeO ₂ -TiO ₂ catalyst for NO selective catalytic reduction with NH ₃ . <i>Applied Catalysis B: Environmental</i> , 2019, 244, 671-683.	10.8	294
63	Synthesis of CrO _x /C catalysts for low temperature NH ₃ -SCR with enhanced regeneration ability in the presence of SO ₂ . <i>RSC Advances</i> , 2018, 8, 3858-3868.	1.7	20
64	Nonmetal element doped g-C ₃ N ₄ with enhanced H ₂ evolution under visible light irradiation. <i>Journal of Materials Research</i> , 2018, 33, 1268-1278.	1.2	35
65	Selective Catalytic Reduction of NO by NH ₃ on CeO ₂ -MO _x (M = Ti, Si, and Al) Dual Composite Catalysts: Impact of Surface Acidity. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 490-497.	1.8	31
66	Insights into the Sm/Zr co-doping effects on N ₂ selectivity and SO ₂ resistance of a MnO _x -TiO ₂ catalyst for the NH ₃ -SCR reaction. <i>Chemical Engineering Journal</i> , 2018, 347, 27-40.	6.6	233
67	Influence of calcination temperature on the plate-type V ₂ O ₅ -MoO ₃ /TiO ₂ catalyst for selective catalytic reduction of NO. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 124, 603-617.	0.8	12
68	Effect of precursors on the structure and activity of CuO-CoO _x /Al ₂ O ₃ catalysts for NO reduction by CO. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 334-345.	5.0	45
69	Synthesis of Surface-Controlled CePO ₄ and Its Application for Catalyzed Decarbonylation of Lactic Acid to Acetaldehyde. <i>ChemistrySelect</i> , 2018, 3, 12389-12395.	0.7	2
70	NO Reduction by CO over Highly Active and Stable Perovskite Oxide Catalysts La _{0.8} Ce _{0.2} M _{0.25} Co _{0.75} O ₃ (M = Cu, Mn, Tj ETQ 0 0 rg 85 /Overlo	1.8	28
71	Preparation and Investigation of Iron-Cerium Oxide Compounds for NO Reduction. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 16675-16683.	1.8	28
72	Catalytic reduction of NO by CO over B-site partially substituted LaM _{0.25} Co _{0.75} O ₃ (M = Cu, Mn, Fe) perovskite oxide catalysts: The correlation between physicochemical properties and catalytic performance. <i>Applied Catalysis A: General</i> , 2018, 568, 43-53.	2.2	59

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73	Mn-Modified CuO, CuFe ₂ O ₄ , and γ -Fe ₂ O ₃ Three-Phase Strong Synergistic Coexistence Catalyst System for NO Reduction by CO with a Wider Active Window. ACS Applied Materials & Interfaces, 2018, 10, 40509-40522.	4.0	92
74	Morphology and Crystal-Plane Effects of CeO ₂ on TiO ₂ /CeO ₂ Catalysts during NH ₃ -SCR Reaction. Industrial & Engineering Chemistry Research, 2018, 57, 12407-12419.	1.8	90
75	Synthesis of Both Powdered and Preformed MnO _x /CeO ₂ /Al ₂ O ₃ Catalysts by Self-Propagating High-Temperature Synthesis for the Selective Catalytic Reduction of NO _x with NH ₃ . ACS Omega, 2018, 3, 5692-5703.	1.6	17
76	Crystal-plane-dependent metal oxide-support interaction in CeO ₂ /g-C ₃ N ₄ for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 238, 111-118.	10.8	178
77	Getting Insights into the Influence of Crystal Plane Effect of Shaped Ceria on Its Catalytic Performances. Journal of Physical Chemistry C, 2018, 122, 20402-20409.	1.5	35
78	Construction of hybrid multi-shell hollow structured CeO ₂ /MnO _x materials for selective catalytic reduction of NO with NH ₃ . RSC Advances, 2017, 7, 5989-5999.	1.7	28
79	Influence of different supports on the physicochemical properties and denitration performance of the supported Mn-based catalysts for NH ₃ -SCR at low temperature. Applied Surface Science, 2017, 402, 208-217.	3.1	129
80	Selective catalytic reduction of NO _x by NH ₃ over CeO ₂ supported on TiO ₂ : Comparison of anatase, brookite, and rutile. Applied Catalysis B: Environmental, 2017, 208, 82-93.	10.8	165
81	Ultra-low loading of copper modified TiO ₂ /CeO ₂ catalysts for low-temperature selective catalytic reduction of NO by NH ₃ . Applied Catalysis B: Environmental, 2017, 207, 366-375.	10.8	156
82	Enhanced visible light photocatalytic hydrogen evolution via cubic CeO ₂ hybridized g-C ₃ N ₄ composite. Applied Catalysis B: Environmental, 2017, 218, 51-59.	10.8	165
83	Novel MnO _x -CeO ₂ nanosphere catalyst for low-temperature NH ₃ -SCR. Catalysis Communications, 2017, 100, 98-102.	1.6	36
84	Enhanced low-temperature NH ₃ -SCR performance of MnO _x /CeO ₂ catalysts by optimal solvent effect. Applied Surface Science, 2017, 420, 407-415.	3.1	91
85	Acid pretreatment effect on the physicochemical property and catalytic performance of CeO ₂ for NH ₃ -SCR. Applied Catalysis A: General, 2017, 542, 282-288.	2.2	100
86	Efficient Conversion of Bio-lactic Acid to 2,3-Pentanedione on Cesium-Doped Hydroxyapatite Catalysts with Balanced Acid-Base Sites. ChemCatChem, 2017, 9, 4621-4627.	1.8	27
87	Migration of copper species in Ce _x Cu _{1-x} O ₂ catalyst driven by thermal treatment and the effect on CO oxidation. Physical Chemistry Chemical Physics, 2017, 19, 21840-21847.	1.3	33
88	Comparative Study of Different Doped Metal Cations on the Reduction, Acidity, and Activity of Fe ₉ M ₁ O ₁₀ (M = Ti ⁴⁺ , Ce ^{4+/3+} ,) Tj ETQq 0 0 0 rgBT / Overlock 10 Research, 2017, 56, 12101-12110.	1.8	39
89	Ammonia promoted barium sulfate catalyst for dehydration of lactic acid to acrylic acid. RSC Advances, 2017, 7, 54696-54705.	1.7	12
90	Sustainable Production of 2,3-Pentanedione: Catalytic Performance of Ba ₂ P ₂ O ₇ Doped with Cs for Vapor-Phase Condensation of Lactic Acid. Industrial & Engineering Chemistry Research, 2017, 56, 14437-14446.	1.8	11

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91	Understanding the effect of CuO dispersion state on the activity of CuO modified Ce _{0.7} Zr _{0.3} O ₂ for NO removal. Applied Surface Science, 2017, 403, 347-355.	3.1	10
92	Promotional Effect of Ce on Iron-Based Catalysts for Selective Catalytic Reduction of NO with NH ₃ . Catalysts, 2016, 6, 112.	1.6	21
93	Ceria-based catalysts for low-temperature selective catalytic reduction of NO with NH ₃ . Catalysis Science and Technology, 2016, 6, 1248-1264.	2.1	293
94	Effects of different manganese precursors as promoters on catalytic performance of CuO-Mn ₂ O ₃ /TiO ₂ catalysts for NO removal by CO. Physical Chemistry Chemical Physics, 2015, 17, 15996-16006.	1.3	49
95	Effect of metal ions doping (M = Ti ⁴⁺ , Sn ⁴⁺) on the catalytic performance of MnO/CeO ₂ catalyst for low temperature selective catalytic reduction of NO with NH ₃ . Applied Catalysis A: General, 2015, 495, 206-216.	2.2	189
96	Improved low temperature NH ₃ -SCR performance of FeMnTiO _x mixed oxide with CTAB-assisted synthesis. Chemical Communications, 2015, 51, 3470-3473.	2.2	69
97	Promotional effect of doping Sn ₂ O into TiO ₂ over a Ce ₂ O ₃ /TiO ₂ catalyst for selective catalytic reduction of NO by NH ₃ . Catalysis Science and Technology, 2015, 5, 2188-2196.	2.1	103
98	Getting insight into the influence of SO ₂ on TiO ₂ /CeO ₂ for the selective catalytic reduction of NO by NH ₃ . Applied Catalysis B: Environmental, 2015, 165, 589-598.	10.8	307
99	Engineering the NiO/Ce ₂ O ₃ interface to enhance the catalytic performance for CO oxidation. RSC Advances, 2015, 5, 98335-98343.	1.7	87
100	Synthesis, characterization and catalytic performance of FeMnTiO _x mixed oxides catalyst prepared by a CTAB-assisted process for mid-low temperature NH ₃ -SCR. Applied Catalysis A: General, 2015, 505, 235-242.	2.2	82
101	Comparative study on the catalytic CO oxidation properties of CuO/CeO ₂ catalysts prepared by solid state and wet impregnation. Chinese Journal of Catalysis, 2014, 35, 1347-1358.	6.9	55
102	Improving the dispersion of CeO ₂ on γ-Al ₂ O ₃ to enhance the catalytic performances of CuO/CeO ₂ /γ-Al ₂ O ₃ catalysts for NO removal by CO. Catalysis Communications, 2014, 51, 95-99.	1.6	33
103	Correlation between the physicochemical properties and catalytic performances of CexSn _{1-x} O ₂ mixed oxides for NO reduction by CO. Applied Catalysis B: Environmental, 2014, 144, 152-165.	10.8	224
104	Effect of CO-pretreatment on the CuO-V ₂ O ₅ /γ-Al ₂ O ₃ catalyst for NO reduction by CO. Catalysis Science and Technology, 2014, 4, 4416-4425.	2.1	88
105	Influence of CeO ₂ modification on the properties of Fe ₂ O ₃ -Ti _{0.5} Sn _{0.5} O ₂ catalyst for NO reduction by CO. Catalysis Science and Technology, 2014, 4, 482-493.	2.1	59
106	Investigation of the structure, acidity, and catalytic performance of CuO/Ti _{0.95} Ce _{0.05} O ₂ catalyst for the selective catalytic reduction of NO by NH ₃ at low temperature. Applied Catalysis B: Environmental, 2014, 150-151, 315-329.	10.8	221
107	Efficient fabrication of active CuO-CeO ₂ /SBA-15 catalysts for preferential oxidation of CO by solid state impregnation. Applied Catalysis B: Environmental, 2014, 146, 201-212.	10.8	105
108	Tailoring copper valence states in CuO/γ-Al ₂ O ₃ catalysts by an in situ technique induced superior catalytic performance for simultaneous elimination of NO and CO. Physical Chemistry Chemical Physics, 2013, 15, 14945.	1.3	29

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109	Investigation of the physicochemical properties and catalytic activities of $\text{Ce}_{0.67}\text{M}_{0.33}\text{O}_2$ ($\text{M} = \text{Zr}^{4+}, \text{Ti}^{4+}$) catalysts for NO reduction by CO. Applied Catalysis B: Environmental, 2013, 130-131, 293-304.	10.8	137
110	NO reduction by CO over CuO/CeO_2 catalysts: effect of preparation methods. Catalysis Science and Technology, 2013, 3, 1355.	2.1	148
111	Synthesis of sandwich-like TiO_2/C composite hollow spheres with high rate capability and stability for lithium-ion batteries. Journal of Power Sources, 2013, 221, 141-148.	4.0	90
112	Influence of cerium precursors on the structure and reducibility of mesoporous $\text{CuO}-\text{CeO}_2$ catalysts for CO oxidation. Applied Catalysis B: Environmental, 2012, 119-120, 308-320.	10.8	348
113	Study of the Properties of $\text{CuO}/\text{VO}_{0.5}\text{Ti}_{0.5}\text{Sn}_{0.5}\text{O}_2$ Catalysts and Their Activities in NO + CO Reaction. ACS Catalysis, 2011, 1, 468-480.	5.5	91
114	Efficient fabrication of ZrO_2 -doped TiO_2 hollow nanospheres with enhanced photocatalytic activity of rhodamine B degradation. Journal of Colloid and Interface Science, 2011, 364, 288-297.	5.0	50
115	Morphology and Crystal Plane Effects of Nanoscale Ceria on the Activity of CuO/CeO_2 for NO Reduction by CO. ChemCatChem, 2011, 3, 978-989.	1.8	255
116	The Remarkable Enhancement of CO Pretreated $\text{CuO}/\text{Mn}_2\text{O}_3/\text{Al}_2\text{O}_3$ Supported Catalyst for the Reduction of NO with CO: The Formation of Surface Synergetic Oxygen Vacancy. Chemistry - A European Journal, 2011, 17, 5668-5679.	1.7	109
117	Dispersion, reduction and catalytic performance of CuO supported on ZrO_2 -doped TiO_2 for NO removal by CO. Applied Catalysis B: Environmental, 2011, 103, 206-220.	10.8	128
118	Correlation of structural characteristics with catalytic performance of $\text{CuO}/\text{Ce}_x\text{Zr}_{1-x}\text{O}_2$ catalysts for NO reduction by CO. Journal of Catalysis, 2010, 275, 45-60.	3.1	185
119	Influence of preparation method on the catalytic activities of $\text{CuO}/\text{Ce}_{0.67}\text{Zr}_{0.33}\text{O}_2$ catalysts in CO+O ₂ reaction. Applied Catalysis B: Environmental, 2010, 96, 449-457.	10.8	34
120	Influence of ferric oxide modification on the properties of copper oxide supported on γ -alumina. Journal of Colloid and Interface Science, 2010, 343, 522-528.	5.0	15
121	Effect of MnO_x modification on the activity and adsorption of $\text{CuO}/\text{Ce}_{0.67}\text{Zr}_{0.33}\text{O}_2$ catalyst for NO reduction. Journal of Colloid and Interface Science, 2010, 349, 246-255.	5.0	35
122	Studies on surface structure of $\text{MxOy}/\text{MoO}_3/\text{CeO}_2$ system ($\text{M} = \text{Ni}, \text{Cu}, \text{Fe}$) and its influence on SCR of NO by NH_3 . Applied Catalysis B: Environmental, 2010, 95, 144-152.	10.8	90
123	In situ FT-infrared investigation of CO or/and NO interaction with $\text{CuO}/\text{Ce}_{0.67}\text{Zr}_{0.33}\text{O}_2$ catalysts. Applied Catalysis B: Environmental, 2009, 90, 578-586.	10.8	112
124	Preparation, Characterization and Catalytic Activity for CO Oxidation of SiO_2 Hollow Spheres Supporting CuO Catalysts. Catalysis Letters, 2008, 120, 215-220.	1.4	24
125	Influence of CO pretreatment on the activities of $\text{CuO}/\gamma\text{-Al}_2\text{O}_3$ catalysts in CO+O ₂ reaction. Applied Catalysis B: Environmental, 2008, 79, 254-261.	10.8	118

#	ARTICLE	IF	CITATIONS
127	Synthesis, Characterization of Bimetallic V-Fe-SBA-15 and Its Catalytic Performance in the Hydroxylation of Phenol. Journal of Nanoscience and Nanotechnology, 2007, 7, 4508-4514.	0.9	6
128	Activities of supported copper oxide catalysts in the NO+CO reaction at low temperatures. Journal of Molecular Catalysis A, 2000, 162, 307-316.	4.8	90
129	Studies on supported metal oxide-oxide support interactions (An Incorporation Model). Studies in Surface Science and Catalysis, 1996, 101, 1293-1302.	1.5	25
130	The dispersion of molybdena on ceria. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4589.	1.7	35
131	Boosting the catalytic performance of single-atom catalysts by tuning surface lattice expanding confinement. Chemical Communications, 0, , .	2.2	1