Lin Dong

List of Publications by Year
in descending order

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131 papers	9,455 citations	31976 53 h-index	40979 93 g-index
131 all docs	131 docs citations	131 times ranked	6016 citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar amendment improves crop production in problem soils: A review. Journal of Environmental Management, 2019, 232, 8-21.	7.8	377
2	Influence of cerium precursors on the structure and reducibility of mesoporous CuO-CeO2 catalysts for CO oxidation. Applied Catalysis B: Environmental, 2012, 119-120, 308-320.	20.2	348
3	Getting insight into the influence of SO2 on TiO2/CeO2 for the selective catalytic reduction of NO by NH3. Applied Catalysis B: Environmental, 2015, 165, 589-598.	20.2	307
4	Integrated adsorption and photocatalytic degradation of volatile organic compounds (VOCs) using carbon-based nanocomposites: A critical review. Chemosphere, 2019, 218, 845-859.	8.2	299
5	Improved activity and significant SO2 tolerance of samarium modified CeO2-TiO2 catalyst for NO selective catalytic reduction with NH3. Applied Catalysis B: Environmental, 2019, 244, 671-683.	20.2	294
6	Ceria-based catalysts for low-temperature selective catalytic reduction of NO with NH₃. Catalysis Science and Technology, 2016, 6, 1248-1264.	4.1	293
7	Morphology and Crystalâ€Plane Effects of Nanoscale Ceria on the Activity of CuO/CeO₂ for NO Reduction by CO. ChemCatChem, 2011, 3, 978-989.	3.7	255
8	Insights into the Sm/Zr co-doping effects on N2 selectivity and SO2 resistance of a MnOx-TiO2 catalyst for the NH3-SCR reaction. Chemical Engineering Journal, 2018, 347, 27-40.	12.7	233
9	Correlation between the physicochemical properties and catalytic performances of CexSn1â€"xO2 mixed oxides for NO reduction by CO. Applied Catalysis B: Environmental, 2014, 144, 152-165.	20.2	224
10	Investigation of the structure, acidity, and catalytic performance of CuO/Ti0.95Ce0.05O2 catalyst for the selective catalytic reduction of NO by NH3 at low temperature. Applied Catalysis B: Environmental, 2014, 150-151, 315-329.	20.2	221
11	Effect of metal ions doping (M = Ti4+, Sn4+) on the catalytic performance of MnO /CeO2 catalyst for low temperature selective catalytic reduction of NO with NH3. Applied Catalysis A: General, 2015, 495, 206-216.	4.3	189
12	Correlation of structural characteristics with catalytic performance of CuO/CexZr1â^'xO2 catalysts for NO reduction by CO. Journal of Catalysis, 2010, 275, 45-60.	6.2	185
13	Crystal-plane-dependent metal oxide-support interaction in CeO2/g-C3N4 for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 238, 111-118.	20.2	178
14	Investigation of the physicochemical properties and catalytic activities of Ce_{0.67}M_{0.33}O₂(M = Zr⁴⁺, Ti⁴⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 688-698.	4.1	165
15	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.	20.2	165
16	Enhanced visible light photocatalytic hydrogen evolution via cubic CeO2 hybridized g-C3N4 composite. Applied Catalysis B: Environmental, 2017, 218, 51-59.	20.2	165
17	CeO2 nanocrystal-modified layered MoS2/g-C3N4 as 0D/2D ternary composite for visible-light photocatalytic hydrogen evolution: Interfacial consecutive multi-step electron transfer and enhanced H2O reactant adsorption. Applied Catalysis B: Environmental, 2019, 259, 118072.	20.2	158
18	Ultra-low loading of copper modified TiO2/CeO2 catalysts for low-temperature selective catalytic reduction of NO by NH3. Applied Catalysis B: Environmental, 2017, 207, 366-375.	20.2	156

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19	Enhancing the deNO performance of MnO /CeO2-ZrO2 nanorod catalyst for low-temperature NH3-SCR by TiO2 modification. Chemical Engineering Journal, 2019, 369, 46-56.	12.7	153
20	NO reduction by CO over CuOâ€“CeO2 catalysts: effect of preparation methods. Catalysis Science and Technology, 2013, 3, 1355.	4.1	148
21	Chemically activated hydrochar as an effective adsorbent for volatile organic compounds (VOCs). Chemosphere, 2019, 218, 680-686.	8.2	145
22	A comparative study of different doped metal cations on the reduction, adsorption and activity of CuO/Ce0.67M0.33O2 (M=Zr4+, Sn4+, Ti4+) catalysts for NO+CO reaction. Applied Catalysis B: Environmental, 2013, 130-131, 293-304.	20.2	137
23	Influence of different supports on the physicochemical properties and denitration performance of the supported Mn-based catalysts for NH3-SCR at low temperature. Applied Surface Science, 2017, 402, 208-217.	6.1	129
24	Dispersion, reduction and catalytic performance of CuO supported on ZrO2-doped TiO2 for NO removal by CO. Applied Catalysis B: Environmental, 2011, 103, 206-220.	20.2	128
25	Conquering ammonium bisulfate poison over low-temperature NH3-SCR catalysts: A critical review. Applied Catalysis B: Environmental, 2021, 297, 120388.	20.2	120
26	Influence of CO pretreatment on the activities of CuO/Î³-Al2O3 catalysts in CO+O2 reaction. Applied Catalysis B: Environmental, 2008, 79, 254-261.	20.2	118
27	In situ FT-infrared investigation of CO or/and NO interaction with CuO/Ce0.67Zr0.33O2 catalysts. Applied Catalysis B: Environmental, 2009, 90, 578-586.	20.2	112
28	The Remarkable Enhancement of COâ€Pretreated CuOï£¿Mn₂O₃/Î³â€Al₂O₃ Supported Catalyst for the Reduction of NO with CO: The Formation of Surface Synergetic Oxygen Vacancy. Chemistry - A European Journal, 2011, 17, 5668-5679.	3.3	109
29	Efficient fabrication of active CuO-CeO2/SBA-15 catalysts for preferential oxidation of CO by solid state impregnation. Applied Catalysis B: Environmental, 2014, 146, 201-212.	20.2	105
30	Promotional effect of doping SnO₂ into TiO₂ over a CeO₂/TiO₂ catalyst for selective catalytic reduction of NO by NH₃. Catalysis Science and Technology, 2015, 5, 2188-2196.	4.1	103
31	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.	4.3	100
32	Mn-Modified CuO, CuFe₂O₄, and Î³-Fe₂O₃ 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.	8.0	92
33	Study of the Properties of CuO/VO_{<i>x</i>}/Ti_{0.5}Sn_{0.5}O₂ Catalysts and Their Activities in NO + CO Reaction. ACS Catalysis, 2011, 1, 468-480.	11.2	91
34	Enhanced low-temperature NH 3 -SCR performance of MnO x /CeO 2 catalysts by optimal solvent effect. Applied Surface Science, 2017, 420, 407-415.	6.1	91
35	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
36	Studies on surface structure of MxOy/MoO3/CeO2 system (M=Ni, Cu, Fe) and its influence on SCR of NO by NH3. Applied Catalysis B: Environmental, 2010, 95, 144-152.	20.2	90

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37	Synthesis of sandwich-like TiO2@C composite hollow spheres with high rate capability and stability for lithium-ion batteries. Journal of Power Sources, 2013, 221, 141-148.	7.8	90
38	Morphology and Crystal-Plane Effects of CeO₂ on TiO₂/CeO₂ Catalysts during NH₃-SCR Reaction. Industrial & Engineering Chemistry Research, 2018, 57, 12407-12419.	3.7	90
39	Effect of CO-pretreatment on the CuOâ€“V₂O₅/Î³-Al₂O₃ catalyst for NO reduction by CO. Catalysis Science and Technology, 2014, 4, 4416-4425.	4.1	88
40	Engineering the NiO/CeO₂ interface to enhance the catalytic performance for CO oxidation. RSC Advances, 2015, 5, 98335-98343.	3.6	87
41	Synthesis, characterization and catalytic performance of FeMnTiOx mixed oxides catalyst prepared by a CTAB-assisted process for mid-low temperature NH3-SCR. Applied Catalysis A: General, 2015, 505, 235-242.	4.3	82
42	Pore Size Expansion Accelerates Ammonium Bisulfate Decomposition for Improved Sulfur Resistance in Low-Temperature NH₃-SCR. ACS Applied Materials & Interfaces, 2019, 11, 4900-4907.	8.0	81
43	Crystal-Plane Effects of CeO₂{110} and CeO₂{100} on Photocatalytic CO₂ Reduction: Synergistic Interactions of Oxygen Defects and Hydroxyl Groups. ACS Sustainable Chemistry and Engineering, 2020, 8, 14397-14406.	6.7	80
44	Facile Ball-Milling Synthesis of CuO/Biochar Nanocomposites for Efficient Removal of Reactive Red 120. ACS Omega, 2020, 5, 5748-5755.	3.5	79
45	Effect of Ti4+ and Sn4+ co-incorporation on the catalytic performance of CeO2-MnO catalyst for low temperature NH3-SCR. Applied Surface Science, 2019, 476, 283-292.	6.1	75
46	Gas phase sulfation of ceria-zirconia solid solutions for generating highly efficient and SO2 resistant NH3-SCR catalysts for NO removal. Journal of Hazardous Materials, 2020, 388, 121729.	12.4	72
47	Improved low temperature NH₃-SCR performance of FeMnTiO_x mixed oxide with CTAB-assisted synthesis. Chemical Communications, 2015, 51, 3470-3473.	4.1	69
48	Ceâ€“Si Mixed Oxide: A High Sulfur Resistant Catalyst in the NH₃â€“SCR Reaction through the Mechanism-Enhanced Process. Environmental Science & Technology, 2021, 55, 4017-4026.	10.0	66
49	Edge-Rich Bicrystalline 1T/2H-MoS₂ Cocatalyst-Decorated {110} Terminated CeO₂ Nanorods for Photocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2021, 13, 35818-35827.	8.0	65
50	Construction of Fe2O3 loaded and mesopore confined thin-layer titania catalyst for efficient NH3-SCR of NOx with enhanced H2O/SO2 tolerance. Applied Catalysis B: Environmental, 2021, 287, 119982.	20.2	64
51	Influence of CeO₂modification on the properties of Fe₂O₃â€“Ti_{0.5}Sn_{0.5}O₂catalyst for NO reduction by CO. Catalysis Science and Technology, 2014, 4, 482-493.	4.1	59
52	Catalytic reduction of NO by CO over B-site partially substituted LaM0.25Co0.75O3 (Mâ€‰=â€‰Cu, Mn, Fe) perovskite oxide catalysts: The correlation between physicochemical properties and catalytic performance. Applied Catalysis A: General, 2018, 568, 43-53.	4.3	59
53	Comparative study on the catalytic CO oxidation properties of CuO/CeO2 catalysts prepared by solid state and wet impregnation. Chinese Journal of Catalysis, 2014, 35, 1347-1358.	14.0	55
54	Controlling Dynamic Structural Transformation of Atomically Dispersed CuO_{<i>x</i>} Species and Influence on Their Catalytic Performances. ACS Catalysis, 2019, 9, 9840-9851.	11.2	52

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55	Advantageous Role of Ir⁰ Supported on TiO₂ Nanosheets in Photocatalytic CO₂ Reduction to CH₄: Fast Electron Transfer and Rich Surface Hydroxyl Groups. ACS Applied Materials & Interfaces, 2021, 13, 6219-6228.	8.0	52
56	Single-Atom Ce-Modified Î±-Fe₂O₃ for Selective Catalytic Reduction of NO with NH₃. Environmental Science & Technology, 2022, 56, 10442-10453.	10.0	52
57	Efficient fabrication of ZrO2-doped TiO2 hollow nanospheres with enhanced photocatalytic activity of rhodamine B degradation. Journal of Colloid and Interface Science, 2011, 364, 288-297.	9.4	50
58	Effects of different manganese precursors as promoters on catalytic performance of CuOâ€"MnO_x/TiO₂ catalysts for NO removal by CO. Physical Chemistry Chemical Physics, 2015, 17, 15996-16006.	2.8	49
59	Copper Single Atom-Triggered Niobiaâ€"Ceria Catalyst for Efficient Low-Temperature Reduction of Nitrogen Oxides. ACS Catalysis, 2022, 12, 2441-2453.	11.2	48
60	Doping effect of Sm on the TiO₂/CeSmO_x catalyst in the NH₃-SCR reaction: structureâ€"activity relationship, reaction mechanism and SO₂ tolerance. Catalysis Science and Technology, 2019, 9, 3554-3567.	4.1	46
61	Effect of precursors on the structure and activity of CuO-CoOx/Î³-Al2O3 catalysts for NO reduction by CO. Journal of Colloid and Interface Science, 2018, 509, 334-345.	9.4	45
62	Enhanced low-temperature NH3-SCR performance of CeTiO catalyst via surface Mo modification. Chinese Journal of Catalysis, 2020, 41, 364-373.	14.0	44
63	Investigation of Two-Phase Intergrowth and Coexistence in Mnâ€"Ceâ€"Tiâ€"O Catalysts for the Selective Catalytic Reduction of NO with NH₃: Structureâ€"Activity Relationship and Reaction Mechanism. Industrial & Engineering Chemistry Research, 2019, 58, 849-862.	3.7	43
64	Adsorption of acetone and cyclohexane onto CO2 activated hydrochars. Chemosphere, 2020, 245, 125664.	8.2	43
65	Revealing the effect of paired redox-acid sites on metal oxide catalysts for efficient NO removal by NH3-SCR. Journal of Hazardous Materials, 2021, 416, 125826.	12.4	43
66	Ultrafine Bi₃TaO₇ Nanodot-Decorated V, N Codoped TiO₂ Nanoblocks for Visible-Light Photocatalytic Activity: Interfacial Effect and Mechanism Insight. ACS Applied Materials & Interfaces, 2019, 11, 13011-13021.	8.0	41
67	Promoting N₂ Selectivity of CeMnO_{<i>x</i>} Catalyst by Supporting TiO₂ in NH₃-SCR Reaction. Industrial & Engineering Chemistry Research, 2019, 58, 6325-6332.	3.7	40
68	Comparative Study of Different Doped Metal Cations on the Reduction, Acidity, and Activity of Fe₉M₁O_{<i>x</i>} (M = Ti⁴⁺, Ce^{4+/3+},) Tj ETQq0 0 0 rgBT /Overlock 10 Research, 2017, 56, 12101-12110.	3.7	39
69	Cavity size dependent SO2 resistance for NH3-SCR of hollow structured CeO2-TiO2 catalysts. Catalysis Communications, 2019, 128, 105719.	3.3	38
70	Novel MnO -CeO2 nanosphere catalyst for low-temperature NH3-SCR. Catalysis Communications, 2017, 100, 98-102.	3.3	36
71	NO Reduction by CO over Highly Active and Stable Perovskite Oxide Catalysts La_{0.8}Ce_{0.2}M_{0.25}Co_{0.75}O₃ (M = Cu, Mn,) Tj ETQq1 1 0.784314 rgBT	3.7	36
72	Sorption of tetracycline on H₂O₂-modified biochar derived from rape stalk. Environmental Pollutants and Bioavailability, 2019, 31, 198-207.	3.0	36

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73	The dispersion of molybdena on ceria. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4589.	1.7	35
74	Effect of MnOx modification on the activity and adsorption of CuO/Ce0.67Zr0.33O2 catalyst for NO reduction. Journal of Colloid and Interface Science, 2010, 349, 246-255.	9.4	35
75	Nonmetal element doped g-C₃N₄ with enhanced H₂ evolution under visible light irradiation. Journal of Materials Research, 2018, 33, 1268-1278.	2.6	35
76	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.	3.1	35
77	Influence of preparation method on the catalytic activities of CuO/Ce0.67Zr0.33O2 catalysts in CO+O2 reaction. Applied Catalysis B: Environmental, 2010, 96, 449-457.	20.2	34
78	Improving the dispersion of CeO2 on Î³-Al2O3 to enhance the catalytic performances of CuO/CeO2/Î³-Al2O3 catalysts for NO removal by CO. Catalysis Communications, 2014, 51, 95-99.	3.3	33
79	Migration of copper species in Ce_xCu_{1âˆ’x}O₂ catalyst driven by thermal treatment and the effect on CO oxidation. Physical Chemistry Chemical Physics, 2017, 19, 21840-21847.	2.8	33
80	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. ACS Catalysis, 2019, 9, 7759-7768.	11.2	33
81	Selective Catalytic Reduction of NO by NH₃ on CeO₂â€“MO_{<i>x</i>} (M = Ti, Si, and Al) Dual Composite Catalysts: Impact of Surface Acidity. Industrial & Engineering Chemistry Research, 2018, 57, 490-497.	3.7	31
82	Highly efficient Pt catalyst on newly designed CeO2-ZrO2-Al2O3 support for catalytic removal of pollutants from vehicle exhaust. Chemical Engineering Journal, 2021, 426, 131855.	12.7	30
83	Tailoring copper valence states in CuOÎ´/Î³-Al2O3 catalysts by an in situ technique induced superior catalytic performance for simultaneous elimination of NO and CO. Physical Chemistry Chemical Physics, 2013, 15, 14945.	2.8	29
84	Construction of hybrid multi-shell hollow structured CeO₂â€“MnO_x materials for selective catalytic reduction of NO with NH₃. RSC Advances, 2017, 7, 5989-5999.	3.6	28
85	Preparation and Investigation of Ironâ€“Cerium Oxide Compounds for NO_{<i>x</i>} Reduction. Industrial & Engineering Chemistry Research, 2018, 57, 16675-16683.	3.7	28
86	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. Journal of Colloid and Interface Science, 2021, 581, 427-441.	9.4	28
87	Efficient Conversion of Bioâ€Lactic Acid to 2,3â€Pentanedione on Cesiumâ€Doped Hydroxyapatite Catalysts with Balanced Acidâ€“Base Sites. ChemCatChem, 2017, 9, 4621-4627.	3.7	27
88	Surface hydroxylated hematite promotes photoinduced hole transfer for water oxidation. Journal of Materials Chemistry A, 2019, 7, 8050-8054.	10.3	27
89	Tuning Singleâ€atom Pt₁âˆ’CeO₂ Catalyst for Efficient CO and C₃H₆ Oxidation: Size Effect of Ceria on Pt Structural Evolution. ChemNanoMat, 2020, 6, 1797-1805.	2.8	27
90	Enhancing low-temperature NH3-SCR performance of Feâ€“Mn/CeO2 catalyst by Al2O3 modification. Journal of Rare Earths, 2022, 40, 1454-1461.	4.8	26

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91	Studies on supported metal oxide-oxide support interactions (An Incorporation Model). Studies in Surface Science and Catalysis, 1996, 101, 1293-1302.	1.5	25
92	Preparation, Characterization and Catalytic Activity for CO Oxidation of SiO2 Hollow Spheres Supporting CuO Catalysts. Catalysis Letters, 2008, 120, 215-220.	2.6	24
93	Morphology-Sensitive Sulfation Effect on Ceria Catalysts for NH3-SCR. Topics in Catalysis, 2020, 63, 932-943.	2.8	24
94	The dual effects of ammonium bisulfate on the selective catalytic reduction of NO with NH3 over Fe2O3-WO3 catalyst confined in MCM-41. Chemical Engineering Journal, 2020, 389, 124271.	12.7	24
95	Catalytic enhancement of small sizes of CeO2 additives on Ir/Al2O3 for toluene oxidation. Applied Surface Science, 2022, 571, 151200.	6.1	23
96	Promotional Effect of Ce on Iron-Based Catalysts for Selective Catalytic Reduction of NO with NH3. Catalysts, 2016, 6, 112.	3.5	21
97	Transformation of Highly Stable Pt Single Sites on Defect Engineered Ceria into Robust Pt Clusters for Vehicle Emission Control. Environmental Science & Technology, 2021, 55, 12607-12618.	10.0	21
98	Synthesis of CrOx/C catalysts for low temperature NH3-SCR with enhanced regeneration ability in the presence of SO2. RSC Advances, 2018, 8, 3858-3868.	3.6	20
99	Molybdenum oxide as an efficient promoter to enhance the NH3-SCR performance of CeO2-SiO2 catalyst for NO removal. Catalysis Today, 2022, 397-399, 475-483.	4.4	19
100	Effects of different methods of introducing Mo on denitration performance and anti-SO2 poisoning performance of CeO2. Chinese Journal of Catalysis, 2021, 42, 1488-1499.	14.0	19
101	Relationships between Adsorption Amount of Surface Sulfate and NH₃-SCR Performance over CeO₂. Journal of Physical Chemistry C, 2021, 125, 21964-21974.	3.1	19
102	The facet-regulated oxidative dehydrogenation of lactic acid to pyruvic acid on Î±-Fe₂O₃. Green Chemistry, 2021, 23, 328-332.	9.0	18
103	Enhanced methanol selectivity of Cu O/TiO2 photocatalytic CO2 reduction: Synergistic mechanism of surface hydroxyl and low-valence copper species. Journal of CO2 Utilization, 2022, 55, 101825.	6.8	18
104	Sulfur Vacancy-Rich MoS₂-Catalyzed Hydrodeoxygenation of Lactic Acid to Biopropionic Acid. ACS Sustainable Chemistry and Engineering, 2022, 10, 5463-5475.	6.7	18
105	Synthesis of Both Powdered and Preformed MnO<i>_x</i>â€“CeO₂â€“Al₂O₃Catalysts by Self-Propagating High-Temperature Synthesis for the Selective Catalytic Reduction of NO<i>_x</i>with NH₃. ACS Omega, 2018, 3, 5692-5703.	3.5	17
106	Synergistic effects of CeO2/Cu2O on CO catalytic oxidation: Electronic interaction and oxygen defect. Journal of Rare Earths, 2022, 40, 1211-1218.	4.8	17
107	Vapor-Phase Deoxygenation of Lactic Acid to Biopropionic Acid over Dispersant-Enhanced Molybdenum Oxide Catalyst. Industrial & Engineering Chemistry Research, 2019, 58, 101-109.	3.7	16
108	Influence of ferric oxide modification on the properties of copper oxide supported on Î³-alumina. Journal of Colloid and Interface Science, 2010, 343, 522-528.	9.4	15

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109	Insights into the precursor effect on the surface structure of Î³-Al2O3 and NOâ€¯+â€¯CO catalytic performance of CO-pretreated CuO/MnOx/Î³-Al2O3 catalysts. Journal of Colloid and Interface Science, 2019, 554, 611-618.	9.4	15
110	Porous biochar supported Ag3PO4 photocatalyst for â€œtwo-in-oneâ€•synergistic adsorptive-photocatalytic removal of methylene blue under visible light irradiation. Journal of Environmental Chemical Engineering, 2021, 9, 106753.	6.7	14
111	Ammonia promoted barium sulfate catalyst for dehydration of lactic acid to acrylic acid. RSC Advances, 2017, 7, 54696-54705.	3.6	12
112	Influence of calcination temperature on the plate-type V2O5â€“MoO3/TiO2 catalyst for selective catalytic reduction of NO. Reaction Kinetics, Mechanisms and Catalysis, 2018, 124, 603-617.	1.7	12
113	Pt Deposites on TiO2 for Photocatalytic H2 Evolution: Pt Is Not Only the Cocatalyst, but Also the Defect Repair Agent. Catalysts, 2020, 10, 1047.	3.5	12
114	Unraveling the SO₂ Poisoning Effect over the Lifetime of MeO_{<i>x</i>} (Me =) Tj ETQq0 0 0 rgBT /Overlock 10 with Surface Species. Journal of Physical Chemistry C, 2022, 126, 12168-12177.	3.1	12
115	Sustainable Production of 2,3-Pentanedione: Catalytic Performance of Ba₂P₂O₇ Doped with Cs for Vapor-Phase Condensation of Lactic Acid. Industrial & Engineering Chemistry Research, 2017, 56, 14437-14446.	3.7	11
116	Effect of different introduction methods of cerium and tin on the properties of titanium-based catalysts for the selective catalytic reduction of NO by NH3. Journal of Colloid and Interface Science, 2022, 613, 320-336.	9.4	11
117	Understanding the effect of CuO dispersion state on the activity of CuO modified Ce0.7Zr0.3O2 for NO removal. Applied Surface Science, 2017, 403, 347-355.	6.1	10
118	Effects of different treatment atmospheres on CeO₂/g-C₃N₄ photocatalytic CO₂ reduction: good or bad?. Catalysis Science and Technology, 2021, 11, 2827-2833.	4.1	9
119	High Resistance of SO2 and H2O over Monolithic Mn-Fe-Ce-Al-O Catalyst for Low Temperature NH3-SCR. Catalysts, 2020, 10, 1329.	3.5	8
120	Sustainable production of pyruvic acid: oxidative dehydrogenation of lactic acid over the FeMoO/P catalyst. New Journal of Chemistry, 2020, 44, 5884-5894.	2.8	8
121	Evaluation of Manganese Oxide Octahedral Molecular Sieves for CO and C3H6 Oxidation at Diesel Exhaust Conditions. Frontiers in Environmental Chemistry, 2021, 2, .	1.6	8
122	Unravelling the structure sensitivity of CuO/SiO₂ catalysts in the NO + CO reaction. Catalysis Science and Technology, 2020, 10, 3848-3856.	4.1	7
123	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
124	CeO2 doping boosted low-temperature NH3-SCR activity of FeTiOx catalyst: A microstructure analysis and reaction mechanistic study. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	6.0	5
125	Regeneration of deactivated CeCo O2 catalyst by simple thermal treatment. Journal of Rare Earths, 2020, 38, 899-905.	4.8	4
126	An efficient and durable hierarchically porous KLA/TiPO catalyst for vapor phase condensation of lactic acid to 2,3-pentanedione. New Journal of Chemistry, 2019, 43, 5972-5979.	2.8	3

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127	Pilot test of environment-friendly catalysts for the DeNO_x of low-temperature flue gas from a coal-fired plant. Catalysis Science and Technology, 2021, 11, 3164-3175.	4.1	3
128	Synthesis of Surfaceâ€Controlled CePO4and Its Application for Catalyzed Decarbonylation of Lactic Acid to Acetaldehyde. ChemistrySelect, 2018, 3, 12389-12395.	1.5	2
129	One-Pot Synthesis of CeO2 Modified SBA-15 With No Pore Clogging for NO Reduction by CO. Frontiers in Environmental Chemistry, 2021, 2, .	1.6	2
130	The effects of dopant on catalytic activity of Pd/mesoporous alumina for toluene oxidation. Research on Chemical Intermediates, 2021, 47, 1239-1251.	2.7	1
131	Boosting the catalytic performance of single-atom catalysts by tuning surface lattice expanding confinement. Chemical Communications, 0, , .	4.1	1