

Nengjie Feng

List of Publications by Year in descending order

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papers

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29
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#	ARTICLE	IF	CITATIONS
1	Palladium (II) Complex Supported on Magnetic Nanoparticles Modified with Phenanthroline: A Highly Active Reusable Nanocatalyst for the Synthesis of Benzoxazoles, Benzothiazoles and Cyanation of Aryl Halides. <i>Catalysis Letters</i> , 2023, 153, 460-476.	2.6	6
2	Promoting the generation of active oxygen species on 3DOM K/LaMnO ₃ interface by introducing CeO ₂ to boost the NO _x -assisted soot combustion. <i>Fuel</i> , 2022, 317, 123405.	6.4	10
3	Leaching inhibition of K species over 3DOM La _{0.8} Sr _{0.2} MnO ₃ perovskite through CuO embedding: Enhanced stability induced by phase transition for soot elimination. <i>Applied Catalysis A: General</i> , 2022, 637, 118599.	4.3	4
4	Enhanced catalytic oxidation of soot over 3DOM LaMnO ₃ by adding Ag and CeO ₂ : Improving the generation and delivery of active oxygen species. <i>Applied Surface Science</i> , 2022, 600, 154204.	6.1	15
5	Potassium promoted macro-mesoporous Co ₃ O ₄ -La _{0.88} Sr _{0.12} CoO ₃ nanotubes with large surface area: A high-performance catalyst for soot removal. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 569-580.	9.4	15
6	Surface Modification of Cobalt-Manganese Mixed Oxide and Its Application for Low-Temperature Propane Catalytic Combustion. <i>ChemistrySelect</i> , 2021, 6, 522-531.	1.5	4
7	Surface acid etching for efficient anchoring of potassium on 3DOM La _{0.8} Sr _{0.2} MnO ₃ catalyst: An integration strategy for boosting soot and NO _x simultaneous elimination. <i>Journal of Hazardous Materials</i> , 2021, 409, 124916.	12.4	23
8	Surface engineering on porous perovskite-type La _{0.6} Sr _{0.4} CoO ₃ nanotubes for an enhanced performance in diesel soot elimination. <i>Journal of Hazardous Materials</i> , 2020, 399, 123014.	12.4	37
9	Facile fabrication of trepan-like CeO ₂ @MnO ₂ nanocomposite with high catalytic activity for soot removal. <i>Applied Surface Science</i> , 2020, 515, 146013.	6.1	34
10	MnO _x dispersed on attapulgite derived Al-SBA-15: a promising catalyst for volatile organic compound combustion. <i>RSC Advances</i> , 2020, 10, 2472-2482.	3.6	5
11	Construction of a hollow structure in La _{0.9} K _{0.1} CoO ₃ nanofibers via grain size control by Sr substitution with an enhanced catalytic performance for soot removal. <i>Catalysis Science and Technology</i> , 2019, 9, 4938-4951.	4.1	13
12	Promoting Diesel Soot Combustion Efficiency over Hierarchical Brushlike Mn ₂ O ₃ and Co ₃ O ₄ Nanoarrays by Improving Reaction Sites. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 13935-13949.	3.7	25
13	Construction of substrate-dependent 3D structured MnO ₂ catalysts for diesel soot elimination. <i>Applied Surface Science</i> , 2019, 484, 197-208.	6.1	18
14	In situ exsolution of Co/CoO _x core-shell nanoparticles on double perovskite porous nanotubular webs: A synergistically active catalyst for soot efficient oxidation. <i>Chemical Engineering Journal</i> , 2019, 372, 752-764.	12.7	53
15	Self-templating construction of mesopores on three-dimensionally ordered macroporous La _{0.5} Sr _{0.5} MnO ₃ perovskite with enhanced performance for soot combustion. <i>Catalysis Science and Technology</i> , 2019, 9, 1835-1846.	4.1	26
16	Core-Shell-Structured Co@TiO ₂ Catalysts Derived from ZIF-67 for Efficient Production of C ₅₊ Hydrocarbons in Fischer-Tropsch Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7900-7908.	3.7	14
17	Effect of calcination temperature on structural properties and catalytic soot combustion activity of MnO _x /wire-mesh monoliths. <i>Applied Surface Science</i> , 2019, 467-468, 1088-1103.	6.1	32
18	Surface engineering of a chromium metal-organic framework with bifunctional ionic liquids for selective CO ₂ adsorption: Synergistic effect between multiple active sites. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 91-101.	9.4	53

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19	Template-directed fabrication of MIL-101(Cr)/mesoporous silica composite: Layer-packed structure and enhanced performance for CO ₂ capture. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 891-902.	9.4	54
20	Interphase strengthening birnessite MnO ₂ coating on three-dimensional Ni foam for soot removal. <i>Applied Catalysis A: General</i> , 2018, 568, 157-167.	4.3	22
21	Facile synthesis of three-dimensional ordered macroporous Sr _{1-x} K _x TiO ₃ perovskites with enhanced catalytic activity for soot combustion. <i>Catalysis Science and Technology</i> , 2018, 8, 5462-5472.	4.1	30
22	Fabrication of perovskite-type macro/mesoporous La _{1-x} K _x FeO ₃ nanotubes as an efficient catalyst for soot combustion. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 184-194.	20.2	123
23	Constructing a three-dimensionally ordered macroporous LaCrO ₃ composite oxide via cerium substitution for enhanced soot abatement. <i>Catalysis Science and Technology</i> , 2017, 7, 2204-2212.	4.1	22
24	Synthesis of Hierarchically Structured Hybrid Materials by Controlled Self-Assembly of Metal-Organic Framework with Mesoporous Silica for CO ₂ Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23060-23071.	8.0	105
25	K ⁺ Mn supported on three-dimensionally ordered macroporous La _{0.8} Ce _{0.2} FeO ₃ catalysts for the catalytic combustion of soot. <i>Applied Surface Science</i> , 2017, 399, 114-122.	6.1	64
26	Accelerated synthesis of MnO ₂ nanocomposites by acid-free hydrothermal route for catalytic soot combustion. <i>RSC Advances</i> , 2016, 6, 50288-50296.	3.6	23
27	Facile synthesis of three-dimensionally ordered macroporous silicon-doped La _{0.8} K _{0.2} CoO ₃ perovskite catalysts for soot combustion. <i>Catalysis Science and Technology</i> , 2016, 6, 7718-7728.	4.1	40
28	KNO ₃ supported on three-dimensionally ordered macroporous La _{0.8} Ce _{0.2} Mn _{1-x} Fe _x O ₃ for soot removal. <i>Catalysis Science and Technology</i> , 2016, 6, 2930-2941.	4.1	58
29	Catalytic combustion of soot over Ce and Co substituted three-dimensionally ordered macroporous La _{1-x} Ce _x Fe _{1-y} Co _y O ₃ perovskite catalysts. <i>RSC Advances</i> , 2015, 5, 91609-91618.	3.6	39