

Fan Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9745409/publications.pdf>

Version: 2024-02-01

23
papers

666
citations

567281

15
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	La,Al-Codoped SrTiO ₃ as a Photocatalyst in Overall Water Splitting: Significant Surface Engineering Effects on Defect Engineering. <i>ACS Catalysis</i> , 2021, 11, 11429-11439.	11.2	83
3	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
4	In situ exsolution of Co/CoOx 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
5	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
6	Effect of calcination temperature on structural properties and catalytic soot combustion activity of MnOx/wire-mesh monoliths. <i>Applied Surface Science</i> , 2019, 467-468, 1088-1103.	6.1	32
7	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
8	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
9	Promoting Diesel Soot Combustion Efficiency over Hierarchical Brushlike \pm -MnO ₂ and Co ₃ O ₄ Nanoarrays by Improving Reaction Sites. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 13935-13949.	3.7	25
10	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 NOx simultaneous elimination. <i>Journal of Hazardous Materials</i> , 2021, 409, 124916.	12.4	23
11	Synergistic surface oxygen defect and bulk Ti ³⁺ defect engineering on SrTiO ₃ for enhancing photocatalytic overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 662-673.	9.4	23
12	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
13	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
14	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
15	Understanding targeted modulation mechanism in SrTiO ₃ using K ⁺ for solar water splitting. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121613.	20.2	18
16	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
17	Gel-assisted synthesis of CIZS for visible-light photocatalytic reduction reaction. <i>Chemical Engineering Journal</i> , 2022, 429, 132364.	12.7	14
18	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

#	ARTICLE	IF	CITATIONS
19	The effect of Fe(ⁱⁱⁱ) ions on oxygen-vacancy-rich BiVO ₄ on the photocatalytic oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2021, 11, 7598-7607.	4.1	7
20	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
21	Insight into the regulation between crystallinity and oxygen vacancies of BiVO ₄ affecting the photocatalytic oxygen evolution activity. <i>Catalysis Science and Technology</i> , 2022, 12, 4040-4049.	4.1	5
22	Insight of SrCl ₂ as an Appropriate Flux Medium in Synthesizing Al-Doped SrTiO ₃ Photocatalyst for Overall Water Splitting. <i>Catalysis Letters</i> , 2023, 153, 1083-1088.	2.6	5
23	Transition metal oxides (TMOs) supported on ordered mesoporous Ce _{0.1} Mn _{0.9} O ₇ as high-efficient catalysts for toluene combustion. <i>Materials Letters</i> , 2020, 263, 127230.	2.6	3