

Xiaobo Wang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6777283/publications.pdf>

Version: 2024-02-01

16
papers

380
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyethylene upcycling to fuels: Narrowing the carbon number distribution in n-alkanes by tandem hydrolysis/hydrocracking. <i>Chemical Engineering Journal</i> , 2022, 444, 136360.	12.7	19
2	Effect of synthesis methods on Fe/Ce/Ti catalysts for selective catalytic reduction: the physicochemical properties and catalytic activity. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 132, 331-345.	1.7	2
3	Poisoning effect of calcium hydroxide on Fe/Ce/TiO ₂ catalyst for NO removal: evolution of active species and surface properties. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 245-258.	1.7	5
4	Heterogeneous Diels-Alder tandem catalysis for converting cellulose and polyethylene into BTX. <i>Journal of Hazardous Materials</i> , 2021, 414, 125418.	12.4	30
5	Catalytic degradation of waste rubbers and plastics over zeolites to produce aromatic hydrocarbons. <i>Journal of Cleaner Production</i> , 2021, 309, 127469.	9.3	35
6	Superior activity of iron-manganese supported on kaolin for NO abatement at low temperature. <i>Journal of Environmental Sciences</i> , 2020, 88, 237-247.	6.1	6
7	The effect of different Ca precursors on the activity of manganese and cerium oxides supported on TiO ₂ for NO abatement. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 129, 153-164.	1.7	8
8	Converting polycarbonate and polystyrene plastic wastes into aromatic hydrocarbons via catalytic fast co-pyrolysis. <i>Journal of Hazardous Materials</i> , 2020, 386, 121970.	12.4	45
9	The Effect of SO ₂ and Ca Co-pretreatment on the Catalytic Activity of Mn/Ce/TiO ₂ Catalysts for Selective Catalytic Reduction of NO with NH ₃ . <i>Catalysis Letters</i> , 2020, 150, 3287-3295.	2.6	16
10	Promoting Aromatic Hydrocarbon Formation via Catalytic Pyrolysis of Polycarbonate Wastes over Fe- and Ce-Loaded Aluminum Oxide Catalysts. <i>Environmental Science & Technology</i> , 2020, 54, 8390-8400.	10.0	39
11	Enhanced BTEX formation via catalytic fast pyrolysis of styrene-butadiene rubber: Comparison of different catalysts. <i>Fuel</i> , 2020, 278, 118322.	6.4	21
12	Effect of CaCO ₃ on catalytic activity of Fe/Ce/Ti catalysts for NH ₃ -SCR reaction. <i>RSC Advances</i> , 2020, 10, 44876-44883.	3.6	12
13	Catalytic fast co-pyrolysis of bamboo sawdust and waste plastics for enhanced aromatic hydrocarbons production using synthesized CeO ₂ /β-Al ₂ O ₃ and HZSM-5. <i>Energy Conversion and Management</i> , 2019, 196, 759-767.	9.2	56
14	Precursor and dispersion effects of active species on the activity of Mn-Ce-Ti catalysts for NO abatement. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1991-1999.	2.7	10
15	Promoted dispersion and uniformity of active species on Fe/Ce/Al catalysts for efficient NO abatement. <i>RSC Advances</i> , 2019, 9, 35751-35759.	3.6	4
16	Fe-Mn/Al ₂ O ₃ catalysts for low temperature selective catalytic reduction of NO with NH ₃ . <i>Chinese Journal of Catalysis</i> , 2016, 37, 1314-1323.	14.0	72