Viviana G Milt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8581019/publications.pdf

Version: 2024-02-01

20	250	840776 11	996975 15
papers	citations	h-index	g-index

20	20	20	194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ce-Mn oxides synthesized with citric acid on ceramic papers used as diesel particulate filters. Catalysis Today, 2022, 383, 277-286.	4.4	15
2	Scaling-up of the catalytic stacked wire mesh filters for the abatement of diesel soot. Catalysis Today, 2022, 394-396, 434-444.	4.4	9
3	Electrospinning synthesis and characterization of nanofibers of Co, Ce and mixed Co-Ce oxides. Their application to oxidation reactions of diesel soot and CO. Catalysis Today, 2022, 383, 266-276.	4.4	17
4	Impact of heat transport properties and configuration of ceramic fibrous catalyst structures for CO2 methanation: A simulation study. Journal of Environmental Chemical Engineering, 2022, 10, 107148.	6.7	7
5	Kinetic, Stability and Characterization Studies of Ce, Mn and Mn-doped Ceria Paper Catalysts Towards Soot Combustion Under Different Reaction Conditions. Topics in Catalysis, 2022, 65, 1262-1272.	2.8	3
6	Simulation Study of Ceramic Fibrous Structured Catalysts for CO2 Methanationâ€"Enhancement of the Performance and Comparison to Pellet Catalysts. Topics in Catalysis, 2022, 65, 1317-1330.	2.8	1
7	Cobalt deposited on micro and nanometric structures of ceria and zirconia applied in diesel soot combustion. Molecular Catalysis, 2020, 481, 100636.	2.0	9
8	Catalytic Paper Filters for Diesel Soot Abatement: Studies at Laboratory and Bench Scales. Emission Control Science and Technology, 2020, 6, 450-461.	1.5	8
9	Ceramic Fiber-Based Structures as Catalyst Supports: A Study on Mass and Heat Transport Behavior Applied to CO₂ Methanation. Industrial & Engineering Chemistry Research, 2020, 59, 16539-16552.	3.7	9
10	Single and double bed stacked wire mesh cartridges for the catalytic treatment of diesel exhausts. Journal of Environmental Chemical Engineering, 2019, 7, 103290.	6.7	12
11	Ultrasound-Assisted Deposition of Coâ€"CeO₂ onto Ceramic Microfibers to Conform Catalytic Papers: Their Application in Engine Exhaust Treatment. ACS Omega, 2018, 3, 18334-18342.	3.5	12
12	Novel ceramic paper structures for diesel exhaust purification. Environmental Science and Pollution Research, 2018, 25, 35276-35286.	5.3	12
13	Catalytic paper made from ceramic fibres and natural ulexite. Application to diesel particulate removal. Chemical Engineering Journal, 2017, 317, 394-403.	12.7	15
14	Development of sepiolite/SiC porous catalytic filters for diesel soot abatement. Microporous and Mesoporous Materials, 2016, 230, 11-19.	4.4	12
15	Structured catalysts based on sepiolite with tailored porosity to remove diesel soot. Applied Catalysis A: General, 2015, 498, 41-53.	4.3	15
16	Catalytic ceramic papers for diesel soot oxidation: A spray method for enhanced performance. Catalysis Communications, 2015, 72, 116-120.	3.3	16
17	Flexible-structured systems made of ceramic fibers containing Pt-NaY zeolite used as CO oxidation catalysts. Journal of Materials Science, 2015, 50, 755-768.	3.7	14
18	New Formulations of Ni-Containing Ceramic Papers to Enhance the Catalytic Performance for the Oxidative Dehydrogenation of Ethane. Industrial & Engineering Chemistry Research, 2014, 53, 17570-17579.	3.7	14

#	ARTICLE	IF	CITATIONS
19	Ceramic papers containing Y zeolite for toluene removal. Microporous and Mesoporous Materials, 2011, 145, 51-58.	4.4	18
20	Soot combustion and NOx adsorption on Co,Ba,K/ZrO2. Catalysis Today, 2008, 133-135, 435-440.	4.4	32