

Viviana G Milt

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

250
citations

840776

11
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Soot combustion and NO _x adsorption on Co,Ba,K/ZrO ₂ . Catalysis Today, 2008, 133-135, 435-440.	4.4	32
2	Ceramic papers containing Y zeolite for toluene removal. Microporous and Mesoporous Materials, 2011, 145, 51-58.	4.4	18
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	Catalytic ceramic papers for diesel soot oxidation: A spray method for enhanced performance. Catalysis Communications, 2015, 72, 116-120.	3.3	16
5	Structured catalysts based on sepiolite with tailored porosity to remove diesel soot. Applied Catalysis A: General, 2015, 498, 41-53.	4.3	15
6	Catalytic paper made from ceramic fibres and natural ulexite. Application to diesel particulate removal. Chemical Engineering Journal, 2017, 317, 394-403.	12.7	15
7	Ce-Mn oxides synthesized with citric acid on ceramic papers used as diesel particulate filters. Catalysis Today, 2022, 383, 277-286.	4.4	15
8	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
9	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
10	Development of sepiolite/SiC porous catalytic filters for diesel soot abatement. Microporous and Mesoporous Materials, 2016, 230, 11-19.	4.4	12
11	Ultrasound-Assisted Deposition of Co@CeO ₂ 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	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
14	Cobalt deposited on micro and nanometric structures of ceria and zirconia applied in diesel soot combustion. Molecular Catalysis, 2020, 481, 100636.	2.0	9
15	Ceramic Fiber-Based Structures as Catalyst Supports: A Study on Mass and Heat Transport Behavior Applied to CO ₂ Methanation. Industrial & Engineering Chemistry Research, 2020, 59, 16539-16552.	3.7	9
16	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
17	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
18	Impact of heat transport properties and configuration of ceramic fibrous catalyst structures for CO ₂ methanation: A simulation study. Journal of Environmental Chemical Engineering, 2022, 10, 107148.	6.7	7

#	ARTICLE	IF	CITATIONS
19	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
20	Simulation Study of Ceramic Fibrous Structured Catalysts for CO ₂ Methanation – Enhancement of the Performance and Comparison to Pellet Catalysts. Topics in Catalysis, 2022, 65, 1317-1330.	2.8	1