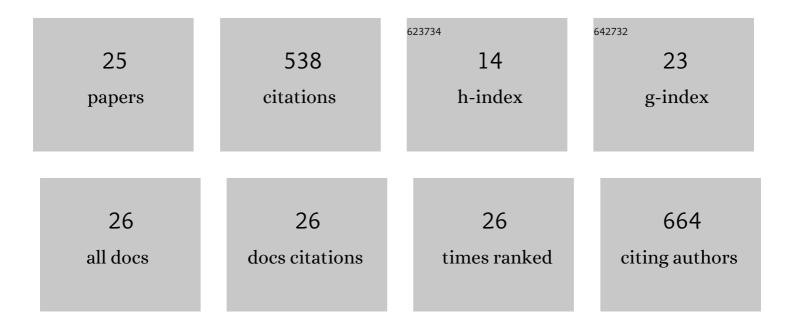
Pavel Topka

List of Publications by Year in descending order

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DAVEL TOPKA

#	Article	IF	CITATIONS
1	Metathesis of 1-octene over MoO3 supported on mesoporous molecular sieves: The influence of the support architecture. Microporous and Mesoporous Materials, 2006, 96, 44-54.	4.4	77
2	Total oxidation of model volatile organic compounds over some commercial catalysts. Applied Catalysis A: General, 2012, 443-444, 40-49.	4.3	47
3	Performance of platinum and gold catalysts supported on ceria–zirconia mixed oxide in the oxidation of chlorobenzene. Catalysis Today, 2015, 253, 172-177.	4.4	44
4	Total oxidation of dichloromethane and ethanol over ceria–zirconia mixed oxide supported platinum and gold catalysts. Applied Catalysis B: Environmental, 2013, 142-143, 54-64.	20.2	41
5	Preparation of Al–SBA-15 pellets with low amount of additives: Effect of binder content on texture and mechanical properties. Application to Friedel–Crafts alkylation. Chemical Engineering Journal, 2011, 168, 433-440.	12.7	31
6	Gold versus platinum on ceria–zirconia mixed oxides in oxidation of ethanol and toluene. Catalysis Today, 2011, 175, 231-237.	4.4	29
7	Cobalt Oxide Catalysts in the Form of Thin Films Prepared by Magnetron Sputtering on Stainless-Steel Meshes: Performance in Ethanol Oxidation. Catalysts, 2019, 9, 806.	3.5	28
8	Comparison of textural information from argon(87ÂK) and nitrogen(77ÂK) physisorption. Journal of Porous Materials, 2011, 18, 557-565.	2.6	23
9	Remediation of contaminated soils by thermal desorption; effect of benzoyl peroxide addition. Journal of Cleaner Production, 2016, 125, 309-313.	9.3	23
10	Total oxidation of ethanol over Au/Ce0.5Zr0.5O2 cordierite monolithic catalysts. Applied Catalysis A: General, 2016, 522, 130-137.	4.3	21
11	Preparation of cobalt oxide catalysts on stainless steel wire mesh by combination of magnetron sputtering and electrochemical deposition. Catalysis Today, 2019, 334, 13-23.	4.4	19
12	Noble metal catalysts supported on nanofibrous polymeric membranes for environmental applications. Catalysis Today, 2014, 236, 3-11.	4.4	18
13	Effect of gold loading on ceria-zirconia support in total oxidation of VOCs. Catalysis Today, 2019, 333, 190-195.	4.4	18
14	Polymerization of aliphatic alkynes with heterogeneous Mo catalysts supported on mesoporous molecular sieves. Journal of Polymer Science Part A, 2008, 46, 2593-2599.	2.3	16
15	Structured cobalt oxide catalysts for VOC abatement: the effect of preparation method. Environmental Science and Pollution Research, 2020, 27, 7608-7617.	5.3	15
16	Gold and Ceria as Catalysts for VOC Abatement: A Review. Catalysts, 2021, 11, 789.	3.5	15
17	Total oxidation of ethanol and toluene over ceria—zirconia supported platinum catalysts. Chemical Papers, 2016, 70, .	2.2	14
18	Preparation and characterization of electrospun poly(p-phenylene oxide) membranes. Catalysis Today, 2012, 193, 165-171.	4.4	13

PAVEL TOPKA

#	Article	IF	CITATIONS
19	Metathesis of linear α-olefins with MoO3 supported on MCM-41 catalyst. Studies in Surface Science and Catalysis, 2005, 156, 795-802.	1.5	11
20	Activated Carbon from Renewable Material as an Efficient Support for Palladium Oxidation Catalysts. Chemical Engineering and Technology, 2019, 42, 851-858.	1.5	11
21	Hydrothermal deposition as a novel method for the preparation of Co–Mn mixed oxide catalysts supported on stainless steel meshes: application to VOC oxidation. Environmental Science and Pollution Research, 2022, 29, 5172-5183.	5.3	10
22	One-pot synthesis of mesoporous SBA-15 containing protonated 3-aminopropyl groups. Journal of Porous Materials, 2013, 20, 1315-1321.	2.6	8
23	Modification of Cobalt Oxide Electrochemically Deposited on Stainless Steel Meshes with Co-Mn Thin Films Prepared by Magnetron Sputtering: Effect of Preparation Method and Application to Ethanol Oxidation. Catalysts, 2021, 11, 1453.	3.5	4
24	Solid waste decontamination by thermal desorption and catalytic oxidation methods. Chemical Papers, 2014, 68, .	2.2	1
25	Remediation of brownfields contaminated by organic compounds and heavy metals: a bench-scale test of a sulfur/vermiculite sorbent for mercury vapor removal. Environmental Science and Pollution	5.3	1