

Alfredo Aloise

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hierarchical Low Si/Al Ratio Ferrierite Zeolite by Sequential Postsynthesis Treatment: Catalytic Assessment in Dehydration Reaction of Methanol. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	1.9	95
2	Higher methane storage at low pressure and room temperature in new easily scalable large-scale production activated carbon for static and vehicular applications. <i>Fuel</i> , 2013, 104, 813-821.	6.4	86
3	Dimethyl ether synthesis via methanol dehydration: Effect of zeolite structure. <i>Applied Catalysis A: General</i> , 2015, 502, 215-220.	4.3	86
4	Catalytic application of ferrierite nanocrystals in vapour-phase dehydration of methanol to dimethyl ether. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 273-282.	20.2	65
5	From 1-D to 3-D zeolite structures: performance assessment in catalysis of vapour-phase methanol dehydration to DME. <i>Microporous and Mesoporous Materials</i> , 2017, 243, 102-111.	4.4	54
6	Kinetic Analysis of Methanol to Dimethyl Ether Reaction over H-MFI Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 14885-14891.	3.7	47
7	Modelling of adsorption of textile dyes over multi-walled carbon nanotubes: Equilibrium and kinetic. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 523-532.	3.5	42
8	New insights about coke deposition in methanol-to-DME reaction over MOR-, MFI- and FER-type zeolites. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 68, 196-208.	5.8	41
9	The effect of FER zeolite acid sites in methanol-to-dimethyl-ether catalytic dehydration. <i>Journal of Energy Chemistry</i> , 2017, 26, 406-415.	12.9	38
10	Desilicated ZSM-5 zeolite: Catalytic performances assessment in methanol to DME dehydration. <i>Microporous and Mesoporous Materials</i> , 2020, 302, 110198.	4.4	37
11	Methanol to dimethylether on H-MFI catalyst: The influence of the Si/Al ratio on kinetic parameters. <i>Catalysis Today</i> , 2014, 227, 138-143.	4.4	35
12	ZSM-5 zeolites performance assessment in catalytic pyrolysis of PVC-containing real WEEE plastic wastes. <i>Catalysis Today</i> , 2022, 390-391, 210-220.	4.4	34
13	Methanol conversion over ZSM-12, ZSM-22 and EU-1 zeolites: from DME to hydrocarbons production. <i>Catalysis Today</i> , 2018, 304, 39-50.	4.4	33
14	Liquid-like hydrogen in the micropores of commercial activated carbons. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 14562-14572.	7.1	27
15	MFI vs. FER zeolite during methanol dehydration to dimethyl ether: The crystal size plays a key role. <i>Catalysis Communications</i> , 2021, 149, 106214.	3.3	25
16	Pinecone-Derived Activated Carbons as an Effective Medium for Hydrogen Storage. <i>Energies</i> , 2020, 13, 2237.	3.1	21
17	HMF etherification using NH ₄ -exchanged zeolites. <i>New Journal of Chemistry</i> , 2016, 40, 4300-4306.	2.8	18
18	Simplified Kinetic Modeling of Propane Aromatization over Ga-ZSM-5 Zeolites: Comparison with Experimental Data. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 10309-10317.	3.7	15

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19	Low Pressure Methane Storage in Pinecone-Derived Activated Carbons. Energy & Fuels, 2018, 32, 10891-10897.	5.1	14
20	Catalytic behavior in propane aromatization using GA-MFI catalyst. Chinese Journal of Chemical Engineering, 2017, 25, 1863-1870.	3.5	9
21	Steam Reforming of Bioethanol Using Metallic Catalysts on Zeolitic Supports: An Overview. Catalysts, 2022, 12, 617.	3.5	9
22	Study of Adsorption Behavior of Multi-Walled Carbon Nanotubes Towards Dyes Applied in Textile Applications. Advanced Science Letters, 2017, 23, 5851-5854.	0.2	5