Johanne Mouzon

List of Publications by Year
in descending order

31	612	516710 16	610901 24
papers	citations	h-index	g-index

31	31	31	877
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MFI crystal and film growth and defects evolution: Revealed by high resolution electron microscopy. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2022, 61, 439-452.	1.9	0
2	Microstructural evolution of condensed aggregates during the crystallization of ZSM-5 from a heterogeneous system. Journal of Crystal Growth, 2021, 568-569, 126188.	1.5	0
3	Electronically-Coupled Phase Boundaries in Î±-Fe₂O₃/Fe₃O₄ Nanocomposite Photoanodes for Enhanced Water Oxidation. ACS Applied Nano Materials, 2019, 2, 334-342.	5.0	32
4	Stability of colloidal ZSM-5 catalysts synthesized in fluoride and hydroxide media. Microporous and Mesoporous Materials, 2019, 278, 167-174.	4.4	12
5	Solution-mediated growth of NBA-ZSM-5 crystals retarded by gel entrapment. Journal of Crystal Growth, 2018, 487, 57-64.	1.5	4
6	Internal structure of a gel leading to NBA-ZSM-5 single crystals. Journal of Porous Materials, 2018, 25, 1551-1559.	2.6	1
7	The effect of disintegrated iron-ore pellet dust on deposit formation in a pilot-scale pulverized coal combustion furnace. Part II: Thermochemical equilibrium calculations and viscosity estimations. Fuel Processing Technology, 2018, 180, 189-206.	7.2	13
8	Material Characterization and Influence of Sliding Speed and Pressure on Friction and Wear Behavior of Self-Lubricating Bearing Materials for Hydropower Applications. Lubricants, 2018, 6, 39.	2.9	18
9	The effect of disintegrated iron-ore pellet dust on deposit formation in a pilot-scale pulverized coal combustion furnace. Part I: Characterization of process gas particles and deposits. Fuel Processing Technology, 2018, 177, 283-298.	7.2	14
10	Formation of Boundary Film from Ionic Liquids Enhanced by Additives. Applied Sciences (Switzerland), 2017, 7, 433.	2.5	8
11	The structure of montmorillonite gels revealed by sequential cryo-XHR-SEM imaging. Journal of Colloid and Interface Science, 2016, 465, 58-66.	9.4	48
12	A simple method for blocking defects in zeolite membranes. Journal of Membrane Science, 2015, 489, 270-274.	8.2	25
13	Colloidal Defect-Free Silicalite-1 Single Crystals: Preparation, Structure Characterization, Adsorption, and Separation Properties for Alcohol/Water Mixtures. Langmuir, 2015, 31, 8488-8494.	3.5	27
14	Microstructure of Bentonite in Iron Ore Green Pellets. Microscopy and Microanalysis, 2014, 20, 33-41.	0.4	9
15	An experimental study of micropore defects in MFI membranes. Microporous and Mesoporous Materials, 2014, 186, 194-200.	4.4	16
16	Dynamic growth modes of ordered arrays and mesocrystals during drop-casting of iron oxide nanocubes. CrystEngComm, 2014, 16, 1443-1450.	2.6	27
17	Comparison between leached metakaolin and leached diatomaceous earth as raw materials for the synthesis of ZSM-5. SpringerPlus, 2014, 3, 292.	1.2	15
18	Reprint of: An experimental study of micropore defects in MFI membranes. Microporous and Mesoporous Materials, 2014, 192, 69-75.	4.4	2

#	Article	IF	Citations
19	Unit cell thick nanosheets of zeolite H-ZSM-5: Structure and activity. Topics in Catalysis, 2013, 56, 558-566.	2.8	33
20	Characterization of flow-through micropores in MFI membranes by permporometry. Journal of Membrane Science, 2012, 417-418, 183-192.	8.2	45
21	Cryo-SEM method for the observation of entrapped bubbles and degree of water filling in large wet powder compacts. Journal of Microscopy, 2011, 242, 189-196.	1.8	3
22	Strong Hierarchically Porous Monoliths by Pulsed Current Processing of Zeolite Powder Assemblies. ACS Applied Materials & Interfaces, 2010, 2, 732-737.	8.0	52
23	Fabrication of transparent yttria by HIP and the glass-encapsulation method. Journal of the European Ceramic Society, 2009, 29, 311-316.	5.7	69
24	Synthesis of nanocrystalline yttria through in-situ sulphated-combustion technique. Journal of the Ceramic Society of Japan, 2009, 117, 1065-1068.	1.1	7
25	Sintering, microstructural and mechanical characterization of combustion synthesized Y2O3 and Yb3+-Y2O3. Journal of the Ceramic Society of Japan, 2009, 117, 1258-1262.	1.1	4
26	Comparison between slip-casting and uniaxial pressing for the fabrication of translucent yttria ceramics. Journal of Materials Science, 2008, 43, 2849-2856.	3.7	33
27	Influence of Agglomeration on the Transparency of Yttria Ceramics. Journal of the American Ceramic Society, 2008, 91, 3380-3387.	3.8	18
28	Synthesis and optical properties of Yb0.6Y1.4O3 transparent ceramics. Journal of Alloys and Compounds, 2008, 464, 407-411.	5.5	17
29	Alternative method to precipitation techniques for synthesizing yttrium oxide nanopowder. Powder Technology, 2007, 177, 77-82.	4.2	19
30	Comparison of two different precipitation routes leading to Yb doped Y2O3 nano-particles. Journal of the European Ceramic Society, 2007, 27, 1991-1998.	5.7	18
31	Effect of Drying and Dewatering on Yttria Precursors with Transient Morphology. Journal of the American Ceramic Society, 2006, 89, 3094-3100.	3.8	23