

Pierantonio De Luca

List of Publications by Year in descending order

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all docs

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55
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rietveld refinement of the zorite structure of ETS-4 molecular sieves. Microporous and Mesoporous Materials, 1998, 21, 143-153.	4.4	92
2	Synthesis and characterization of the microporous titanosilicates ETS-4 and ETS-10. Microporous and Mesoporous Materials, 2002, 56, 227-239.	4.4	67
3	Removal of unleaded gasoline from water by multi-walled carbon nanotubes. Journal of Environmental Management, 2019, 237, 636-643.	7.8	40
4	GREEN BUILDING MATERIALS: A REVIEW OF STATE OF THE ART STUDIES OF INNOVATIVE MATERIALS. Journal of Green Building, 2017, 12, 141-161.	0.8	39
5	Study of MWCNTs adsorption performances in gas processes. Journal of CO2 Utilization, 2015, 10, 30-39.	6.8	34
6	A study of ETS-4 molecular sieves and of their adsorption of water and ammonia. Journal of Materials Chemistry, 2000, 10, 1699-1705.	6.7	33
7	Industrial Waste Treatment by ETS-10 Ion Exchanger Material. Materials, 2018, 11, 2316.	2.9	33
8	Influence of acrylic latex and pre-treated hemp fibers on cement based mortar properties. Construction and Building Materials, 2021, 273, 121720.	7.2	32
9	Kinetic and thermodynamic effects during the adsorption of heavy metals on ETS-4 and ETS-10 microporous materials. Journal of Porous Materials, 2016, 23, 389-400.	2.6	30
10	Production of Geopolymeric Mortars Containing Forest Biomass Ash as Partial Replacement of Metakaolin. Environments - MDPI, 2017, 4, 74.	3.3	28
11	Treatment of Water Contaminated with Reactive Black-5 Dye by Carbon Nanotubes. Materials, 2020, 13, 5508.	2.9	25
12	Preparation and Characterization of Plasters with Photodegradative Action. Buildings, 2018, 8, 122.	3.1	24
13	Influence of the TAABr salts on the crystallization of ETS-10. Microporous and Mesoporous Materials, 2004, 71, 77-85.	4.4	23
14	Characterisation of raw materials for production of ceramics. Journal of Thermal Analysis and Calorimetry, 2006, 84, 181-184.	3.6	22
15	The role of carbon nanotubes and cobalt in the synthesis of pellets of titanium silicates. Journal of Porous Materials, 2018, 25, 283-296.	2.6	22
16	Nanostructured Catalysts for Dry-Reforming of Methane. Journal of Nanoscience and Nanotechnology, 2019, 19, 3135-3147.	0.9	22
17	Effect of crystallization temperature on the synthesis of ETS-4 and ETS-10 titanosilicates. Journal of Porous Materials, 2009, 16, 527-536.	2.6	21
18	Direct formation of self-bonded pellets during the synthesis of mordenite and ZSM-11 zeolites from low water content systems. Microporous and Mesoporous Materials, 2001, 42, 37-48.	4.4	20

#	ARTICLE	IF	CITATIONS
19	Evaluation and comparison of the ammonia adsorption capacity of titanosilicates ETS-4 and ETS-10 and aluminotitanosilicates ETAS-4 and ETAS-10. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 1257-1267.	3.6	20
20	Physico-chemical characterisation of zirconium-based self-bonded ETS-4 pellets. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 169-182.	3.6	19
21	Semi-Continuous Adsorption Processes with Multi-Walled Carbon Nanotubes for the Treatment of Water Contaminated by an Organic Textile Dye. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1687.	2.5	19
22	Typical data of a new microporous material obtained from gels with titanium and silicon. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 84, 247-252.	3.6	18
23	Synthesis of titanosilicate ETS-10 in presence of cetyltrimethylammonium bromide. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 425-431.	4.4	18
24	Synthesis and characterization of self-bonded ETS-4 and ETS-10 pellets. <i>Microporous and Mesoporous Materials</i> , 2008, 109, 118-137.	4.4	17
25	Vehicular Emission: Estimate of Air Pollutants to Guide Local Political Choices. A Case Study. <i>Environments - MDPI</i> , 2020, 7, 37.	3.3	17
26	Adsorption of Reactive Blue 116 Dye and Reactive Yellow 81 Dye from Aqueous Solutions by Multi-Walled Carbon Nanotubes. <i>Materials</i> , 2020, 13, 2757.	2.9	17
27	Activated ceramic materials with deposition of photocatalytic titano-silicate micro-crystals. , 2011, , .		17
28	The Role of Carbon Nanotube Pretreatments in the Adsorption of Benzoic Acid. <i>Materials</i> , 2021, 14, 2118.	2.9	16
29	PREPARATION AND CHARACTERIZATION OF NATURAL GLUES WITH CARBON NANOTUBES. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1659-1671.	0.6	16
30	Water Contaminated by Industrial Textile Dye: Study on Decolorization Process. <i>Environments - MDPI</i> , 2019, 6, 101.	3.3	15
31	Synthesis and characterization of ET(P)S-4 and ET(P)S-10. <i>Microporous and Mesoporous Materials</i> , 2005, 80, 263-268.	4.4	14
32	Characterization of the Structural and Gas Adsorption Properties of ETS-10 Molecular Sieve. <i>Adsorption Science and Technology</i> , 2003, 21, 683-696.	3.2	13
33	PARTICULATE MATTER POLLUTION IN UNIVERSITY AREA: TRAFFIC FLOW ANALYSIS. <i>Environmental Engineering and Management Journal</i> , 2009, 8, 1407-1412.	0.6	13
34	Preparation and Optimization of Natural Glues Based on Laricio Pine Resin. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 374, 012071.	0.6	12
35	On the crystallization mechanism of ETS-10 titanosilicate synthesized in gels containing TAABr. <i>Thermochimica Acta</i> , 2005, 435, 213-221.	2.7	11
36	SELF-BONDED ETS-10 PELLETS CONTAINING IRON. <i>Environmental Engineering and Management Journal</i> , 2009, 8, 1009-1015.	0.6	10

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37	Study of the thermal dehydration of metal-exchange ETS-10 titanosilicate. Studies in Surface Science and Catalysis, 2005, , 805-812.	1.5	9
38	2,3-Diaminopropanols Obtained from d-Serine as Intermediates in the Synthesis of Protected 2,3-l-Diaminopropanoic Acid (l-Dap) Methyl Esters. Molecules, 2020, 25, 1313.	3.8	9
39	Microporous titanosilicate synthesized with vanadium. Studies in Surface Science and Catalysis, 2004, , 746-752.	1.5	7
40	Preparation of ETS-10 Microporous Phase Pellets with Color Change Properties. Gels, 2019, 5, 42.	4.5	7
41	Synthesis of ETS-10 molecular sieve from systems containing TAABr salts. Studies in Surface Science and Catalysis, 1997, 105, 221-228.	1.5	6
42	Synthesis of Self-Bonded Pellets of ETS-4 Phase by New Methodology of Preparation. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012003.	0.6	6
43	Brackish water treatment with carbon nanotubes. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012047.	0.6	6
44	Use of Zinc Ferrite for Photocatalytic Treatment of Water Contaminated with Organic Dye. IOP Conference Series: Materials Science and Engineering, 2020, 739, 012054.	0.6	5
45	Recovery of Biophenols from Olive Vegetation Waters by Carbon Nanotubes. Materials, 2022, 15, 2893.	2.9	5
46	Ionic exchange and thermal characterisation of different cation exchanged forms of ETS-4. Studies in Surface Science and Catalysis, 2004, , 1929-1934.	1.5	4
47	Influence of zirconium on the crystallisation kinetics of ETS-4 molecular sieves. Studies in Surface Science and Catalysis, 2005, , 417-422.	1.5	3
48	Use of Geopolymers in the Treatment of Water Contaminated by Industrial Waste. IOP Conference Series: Materials Science and Engineering, 2020, 739, 012053.	0.6	3
49	Carbon nanotubes and Engelhard titanium silicates as eco-friendly adsorbent materials: A short review. Journal of Physics: Conference Series, 2021, 1960, 012005.	0.4	3
50	Investigation on the Suitability of Engelhard Titanium Silicate as a Support for Ni-Catalysts in the Methanation Reaction. Catalysts, 2021, 11, 1225.	3.5	3
51	Preparation and Characterization of Insulating Panels from Recycled Poly laminate (Tetra Pak) Materials. Sustainability, 2022, 14, 6858.	3.2	3
52	ETS-10 synthesized from gels with dodecyltrimethylammonium bromide. Journal of Thermal Analysis and Calorimetry, 2007, 88, 431-435.	3.6	2
53	Treatment of industrial slag zinc ferrite by zeolitic sludge. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012046.	0.6	2
54	Intelligent Data Analysis in Environmental Sampling. , 2005, , .		1

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55	Photocatalytic treatment of water contaminated by organic dye with ETS-10 titanium silicate. IOP Conference Series: Materials Science and Engineering, 2021, 1048, 012004.	0.6	1