

Oscar Alfredo Anunziata

List of Publications by Year in descending order

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89
papers

1,583
citations

318942

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89
all docs

89
docs citations

89
times ranked

1607
citing authors

#	ARTICLE	IF	CITATIONS
1	H ₂ storage using Zr-CMK developed by a new synthesis method. International Journal of Energy Research, 2022, 46, 2893-2903.	2.2	5
2	Mesoporous Cellular Foam (MCF): an efficient and biocompatible nanomaterial for the controlled release of Chlorambucil. Journal of Porous Materials, 2022, 29, 1507-1517.	1.3	2
3	Multiple-wall carbon nanotubes obtained with mesoporous material decorated with ceria-zirconia. Materials Letters, 2021, 283, 128900.	1.3	5
4	Synthesis and characteristics of CMK-3 modified with magnetite nanoparticles for application in hydrogen storage. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	4
5	Influence of vanadium nanoclusters in hydrogen uptake using hybrid nanostructured materials. Journal of Porous Materials, 2019, 26, 951-959.	1.3	1
6	Ga-SBA-3 A novel nanostructured material: synthesis, characterization and application. Nanotechnology, 2019, 30, 065703.	1.3	7
7	Direct synthesis of ordered mesoporous carbon applied in hydrogen storage. Journal of Porous Materials, 2018, 25, 1359-1363.	1.3	8
8	Nanostructured Ketorolac-Tromethamine/MCF: Synthesis, Characterization and Application in Drug Release System. Current Nanoscience, 2018, 14, 432-439.	0.7	2
9	Vanadium and titanium oxide supported on mesoporous CMK-3 as new catalysts for oxidative desulfurization. Catalysis Today, 2017, 282, 123-132.	2.2	52
10	Vanadium oxide supported on mesoporous SBA-15 modified with Al and Ga as a highly active catalyst in the ODS of DBT. Microporous and Mesoporous Materials, 2017, 254, 96-113.	2.2	54
11	Anatase-CMK-3 nanocomposite development for hydrogen uptake and storage. Bulletin of Materials Science, 2017, 40, 271-280.	0.8	7
12	Nanostructured SBA-15 host applied in ketorolac tromethamine release system. Journal of Materials Science: Materials in Medicine, 2017, 28, 113.	1.7	3
13	Novel Preparation of Titania-Modified CMK-3 Nanostructured Material as Support for Ir Catalyst Applied in Hydrodenitrogenation of Indole. Catalysis Letters, 2017, 147, 1029-1039.	1.4	14
14	Novel preparation of CMK-3 nanostructured material modified with titania applied in hydrogen uptake and storage. Microporous and Mesoporous Materials, 2017, 254, 146-152.	2.2	14
15	Hydrogenation of tetralin in presence of nitrogen using a noble-bimetallic couple over a Ti-modified SBA-15. Catalysis Today, 2017, 282, 111-122.	2.2	17
16	Noble-bimetallic supported CMK-3 as a novel catalyst for hydrogenation of tetralin in the presence of sulfur and nitrogen. Fuel, 2017, 188, 155-165.	3.4	19
17	HDN of indole over Ir-modified Ti-SBA-15. Applied Catalysis B: Environmental, 2016, 192, 220-233.	10.8	32
18	Synthesis and characterization of 2D-hexagonal, 3D-hexagonal and cubic mesoporous materials using CTAB and silica gel. Materials and Design, 2016, 104, 251-258.	3.3	5

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19	Optimization of the synthesis of SBA-3 mesoporous materials by experimental design. <i>Microporous and Mesoporous Materials</i> , 2016, 227, 9-15.	2.2	12
20	Sulfur elimination by oxidative desulfurization with titanium-modified SBA-16. <i>Catalysis Today</i> , 2016, 271, 102-113.	2.2	45
21	Experimental design optimization of the tetralin hydrogenation over Ir-Pt-SBA-15. <i>Catalysis Today</i> , 2016, 271, 140-148.	2.2	17
22	Preparation and characterization of activated CMK-1 with Zn and Ni species applied in hydrogen storage. <i>International Journal of Energy Research</i> , 2015, 39, 941-953.	2.2	13
23	Synthesis and characterization of Pt-CMK-3 hybrid nanocomposite for hydrogen storage. <i>International Journal of Energy Research</i> , 2015, 39, 128-139.	2.2	23
24	Hydrogenation of Tetralin Over Ir Catalysts Supported on Titania-Modified SBA-16. <i>Catalysis Letters</i> , 2014, 144, 783-795.	1.4	27
25	Synthesis of ordered mesoporous SBA-3 materials using silica gel as silica source. <i>Materials Letters</i> , 2014, 134, 95-98.	1.3	10
26	Synthesis and characterization of conducting polypyrrole/SBA-3 and polypyrrole/Na-AlSBA-3 composites. <i>Materials Research Bulletin</i> , 2013, 48, 661-667.	2.7	22
27	Hydrogenation of Tetralin over Ir-Containing Mesoporous Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 7185-7195.	1.8	12
28	Synthesis and characterization of a novel composite: Polyindole included in nanostructured Al-MCM-41 material. <i>Microporous and Mesoporous Materials</i> , 2012, 153, 191-197.	2.2	24
29	Synthesis and characterization of new composites: PANI/Na-AlSBA-3 and PANI/Na-AlSBA-16. <i>Materials Research Bulletin</i> , 2011, 46, 1011-1021.	2.7	13
30	Inhibition of the hydrogenation of tetralin by nitrogen and sulfur compounds over Ir/SBA-16. <i>Applied Catalysis A: General</i> , 2011, 404, 30-30.	2.2	4
31	Simultaneous optimization of methane conversion and aromatic yields by catalytic activation with ethane over Zn-ZSM-11 zeolite: The influence of the Zn-loading factor. <i>Catalysis Today</i> , 2011, 171, 36-42.	2.2	17
32	Synthesis, characterization and catalytic activity of AlSBA-3 mesoporous catalyst having variable silicon-to-aluminum ratios. <i>Microporous and Mesoporous Materials</i> , 2011, 144, 183-190.	2.2	18
33	XANES-PCA analysis of Ti-species in MCM-41 mesoporous silica synthesized by different method. <i>Applied Catalysis A: General</i> , 2011, 397, 22-26.	2.2	5
34	Characterization and acidic properties of Al-SBA-3 mesoporous material. <i>Materials Letters</i> , 2010, 64, 545-548.	1.3	27
35	Methane Activation Process: Simultaneous Optimization of Methane Conversion and Aromatic Yields using Zn-ZSM-11 Zeolite. <i>The Open Process Chemistry Journal</i> , 2010, 3, 7-16.	0.2	1
36	Hydroxyapatite/MCM-41 and SBA-15 Nano-Composites: Preparation, Characterization and Applications. <i>Materials</i> , 2009, 2, 1508-1519.	1.3	17

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37	Interaction of water and aniline adsorbed onto Na-ALMCM-41 and Na-ALSBA-15 catalysts as hosts materials. <i>Catalysis Today</i> , 2008, 133-135, 897-905.	2.2	13
38	Synthesis at atmospheric pressure and characterization of highly ordered Al, V, and Ti-MCM-41 mesostructured catalysts. <i>Catalysis Today</i> , 2008, 133-135, 891-896.	2.2	23
39	Applying response surface design to the optimization of methane activation with ethane over Zn-H-ZSM-11 zeolite. <i>Chemical Engineering Journal</i> , 2008, 138, 510-516.	6.6	13
40	Composite hydroxyapatite -Na/MCM-41 for the fluoride retention in contaminated water. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 77-80.	1.5	0
41	In-containing BEA zeolite for selective catalytic reduction of NOx. <i>Journal of Molecular Catalysis A</i> , 2007, 267, 272-279.	4.8	10
42	Synthesis and characterization of SBA-3, SBA-15, and SBA-1 nanostructured catalytic materials. <i>Journal of Colloid and Interface Science</i> , 2007, 315, 184-190.	5.0	71
43	In-containing BEA zeolite for selective catalytic reduction of NOx. <i>Journal of Molecular Catalysis A</i> , 2007, 267, 194-201.	4.8	13
44	Fe-ZSM-11 magnetic properties: Its relation with the catalytic activity for NOx SCR with iso-butane and O2. <i>Applied Catalysis A: General</i> , 2006, 307, 263-269.	2.2	4
45	Methane Transformation using Light Gasoline as Co-Reactant over Zn/H-ZSM11. <i>Catalysis Letters</i> , 2006, 107, 111-116.	1.4	32
46	Preparation and characterization of polyaniline-containing Na-ALMCM-41 as composite material with semiconductor behavior. <i>Journal of Colloid and Interface Science</i> , 2005, 292, 509-516.	5.0	22
47	Catalytic degradation of high density polyethylene over microporous and mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2005, 81, 155-159.	2.2	30
48	Nature and Reactivity of the Active Species Formed After NO Adsorption and NO + O2Coadsorption on an Fe-Containing zeolite. <i>Catalysis Letters</i> , 2004, 92, 131-140.	1.4	7
49	Studies of Vitamin K3 synthesis over Ti-containing mesoporous material. <i>Applied Catalysis A: General</i> , 2004, 270, 77-85.	2.2	44
50	Fe-containing ZSM-11 zeolites as active catalyst for SCR of NOxPart II. XAFS characterization and its relationship with the catalytic properties. <i>Applied Catalysis A: General</i> , 2004, 266, 147-153.	2.2	8
51	Fe-containing ZSM-11 zeolites as active catalyst for SCR of NOx. <i>Applied Catalysis A: General</i> , 2004, 264, 93-101.	2.2	26
52	Improvement of methane activation using n-hexane as co-reactant over Zn/HZSM-11 zeolite. <i>Catalysis Communications</i> , 2004, 5, 401-405.	1.6	48
53	Catalytic Activation of Methane Using n-Pentane as Co-reactant over Zn/H-ZSM-11 Zeolite. <i>Catalysis Letters</i> , 2003, 87, 167-171.	1.4	67
54	Fourier Transform IR Study of NO + CH4+ O2Coadsorption on In-ZSM-5 DeNOxCatalyst. <i>Catalysis Letters</i> , 2003, 91, 19-24.	1.4	17

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55	Thermal and FTIR spectroscopic analysis of the interactions of aniline adsorbed on to MCM-41 mesoporous material. <i>Journal of Colloid and Interface Science</i> , 2003, 263, 400-407.	5.0	28
56	Preparation and characterization of aluminium containing MCM-41. <i>Catalysis Communications</i> , 2003, 4, 118-123.	1.6	41
57	Synthesis and Characterization of Al-MCM-41 and Al-MCM-48 Mesoporous Materials. <i>Catalysis Letters</i> , 2002, 78, 65-75.	1.4	67
58	In situ XANES study of nanodispersed Mo species in zeolites used in fine chemistry catalysis. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 631-633.	1.0	3
59	Studies on the synthesis of diacetyl over oxidation zeolite catalysts. <i>Catalysis Letters</i> , 2001, 71, 127-131.	1.4	1
60	Kinetic Studies on Diacetyl Synthesis over V-Containing Zeolites. <i>Catalysis Letters</i> , 2001, 75, 87-91.	1.4	2
61	Catalytic Activity of ZSM-11 Zeolites Modified with Metal Cations for the Ethane Conversion. <i>Catalysis Letters</i> , 2001, 75, 93-97.	1.4	9
62	Catalytic conversion of natural gas with added ethane and LPG over Zn-ZSM-11. <i>Applied Catalysis A: General</i> , 2000, 190, 169-176.	2.2	47
63	Catalytic Activity of MEL Zeolites Modified with Metallic Couples for the Conversion of Ethane. <i>Molecules</i> , 2000, 5, 560-561.	1.7	1
64	Synthesis of 2,3-Butanedione over TS-1, Ti-NCl, TiMCM-41, Ti-Beta, Fe-Si, Fe-Beta and VS-1 Zeolites. <i>Molecules</i> , 2000, 5, 610-611.	1.7	1
65	Ethane conversion into aromatic hydrocarbons over molybdenum-containing MEL zeolites. <i>Applied Catalysis A: General</i> , 1999, 182, 267-274.	2.2	27
66	Synthesis of menadione over selective oxidation zeolites. <i>Journal of Molecular Catalysis A</i> , 1999, 149, 255-261.	4.8	35
67	In-containing H-ZSM5 zeolites with various Si/Al ratios for the NO SCR in the presence of CH ₄ and O ₂ . PAC, TPAD and FTIR studies. <i>Catalysis Today</i> , 1999, 54, 553-558.	2.2	21
68	Methane transformation into aromatic hydrocarbons by activation with LPG over Zn-ZSM-11 zeolite. <i>Catalysis Letters</i> , 1999, 58, 235-239.	1.4	30
69	Conversion of polyethylene into aromatic hydrocarbons using MEL and BEA zeolites. <i>Studies in Surface Science and Catalysis</i> , 1999, 125, 481-488.	1.5	6
70	Synthesis, characterization and catalytic activity of selective oxidation zeolites catalysts. <i>Studies in Surface Science and Catalysis</i> , 1999, 125, 523-530.	1.5	5
71	Selective ethane conversion into aromatic hydrocarbons over Zn-ZSM-11 zeolite. <i>Reaction Kinetics and Catalysis Letters</i> , 1998, 63, 271-278.	0.6	26
72	Methane transformation into aromatic hydrocarbons by activation with ethane over Zn-ZSM-11 zeolite. <i>Studies in Surface Science and Catalysis</i> , 1998, 119, 235-240.	1.5	25

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73	Transalkylation of naphthalene with mesitylene over H-ZSM-11 zeolite. <i>Catalysis Letters</i> , 1997, 44, 259-263.	1.4	13
74	Methane direct conversion to aromatic hydrocarbons at low reaction temperature. <i>Reaction Kinetics and Catalysis Letters</i> , 1997, 60, 101-106.	0.6	30
75	Expanded regional rate analysis: A novel method to determine regional formation rates in catalyzed reactions. <i>Applied Catalysis A: General</i> , 1997, 165, 35-49.	2.2	12
76	Studies on selective synthesis of 2 methyl naphthalene over shape selective zeolites. <i>Studies in Surface Science and Catalysis</i> , 1995, , 574-581.	1.5	5
77	Selective transformation of light olefins into aromatic hydrocarbons over pentasil zeolites. <i>Reaction Kinetics and Catalysis Letters</i> , 1995, 54, 229-237.	0.6	3
78	Studies on the conversion of isopentane over shape selective zeolites, I. H-ZSM-5 and H-ZSM-11 zeolites. <i>Reaction Kinetics and Catalysis Letters</i> , 1995, 55, 365-372.	0.6	4
79	Studies on the conversion of isopentane over shape selective zeolites II., H-Zn-ZSM-11 zeolites. <i>Reaction Kinetics and Catalysis Letters</i> , 1995, 55, 373-381.	0.6	2
80	Methylcyclohexane conversion over ZSM-11 zeolite. <i>Catalysis Letters</i> , 1995, 32, 93-99.	1.4	3
81	Nature of the active sites in H-ZSM-11 zeolite modified with Zn(2+) and Ga(3+). <i>Catalysis Letters</i> , 1993, 19, 143-151.	1.4	44
82	Selective conversion of light gasoline into aromatic hydrocarbons over shape selective zeolites, I. Catalytic activity of various zeolites for aromatization of light gasoline, heavy gasoline and coker naphtha. <i>Reaction Kinetics and Catalysis Letters</i> , 1993, 49, 311-317.	0.6	4
83	Selective conversion of light gasoline into aromatic hydrocarbons over shape selective zeolites, II. Effect of the reaction condition and time on stream. <i>Reaction Kinetics and Catalysis Letters</i> , 1993, 49, 319-325.	0.6	3
84	Zn-ZSM-11 zeolite catalyst for LPG aromatization. <i>Catalysis Letters</i> , 1992, 16, 437-441.	1.4	17
85	Aromatization of natural propane using modified molecular-shape selective zeolites. <i>Reaction Kinetics and Catalysis Letters</i> , 1991, 43, 67-73.	0.6	15
86	n-Pentane conversion to aromatic hydrocarbons over Zn-ZSM-11 zeolite. <i>Reaction Kinetics and Catalysis Letters</i> , 1989, 39, 75-80.	0.6	13
87	Transformation of light paraffins into aromatic hydrocarbons over H-ZSM-11 zeolite. <i>Reaction Kinetics and Catalysis Letters</i> , 1988, 37, 205-210.	0.6	10
88	Conversion of fermentation products to aromatic hydrocarbons over zeolite-type HZSM-5 in one step. <i>Applied Catalysis</i> , 1985, 15, 235-245.	1.1	23
89	Sulfated/Zr-containing mesoporous carbons: a promising nanostructured catalytic material. <i>Journal of Porous Materials</i> , 0, , 1.	1.3	1