Alcineia C Oliveira

List of Publications by Year
in descending order

68	1,853	236925 25	289244 40
papers	citations	h-index	g-index

70	70	70	2169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of the Metal Incorporation into Hydroxyapatites on the Deactivation Behavior of the Solids in the Esterification of Glycerol. Catalysts, 2022, 12, 10.	3.5	7
2	Laser-power dependence effects on the structural stability of nanocomposite catalysts studied by Raman spectroscopy: On the structure-activity correlations in glycerol acetylation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 280, 121526.	3.9	1
3	Comparison of the catalytic performance of YIG garnets and Fe-containing oxides catalysts for oxidation of ethylbenzene. Ceramics International, 2021, 47, 6279-6289.	4.8	9
4	Effects of the Incorporation of Distinct Cations in Titanate Nanotubes on the Catalytic Activity in NOx Conversion. Materials, 2021, 14, 2181.	2.9	6
5	Catalytic assessment of nanostructured Pt/xLa2O3-Al2O3 oxides for hydrogen production by dry reforming of methane: Effects of the lanthana content on the catalytic activity. Catalysis Today, 2020, 349, 141-149.	4.4	12
6	A comparative study on porous solid acid oxides as catalysts in the esterification of glycerol with acetic acid. Catalysis Today, 2020, 349, 57-67.	4.4	21
7	Structural transformation of vanadate nanotubes into vanadate oxides nanostructures during the dry reforming of methane. Molecular Catalysis, 2020, 480, 110641.	2.0	6
8	Selective catalytic reduction of NOx by CO (CO-SCR) over metal-supported nanoparticles dispersed on porous alumina. Advanced Powder Technology, 2020, 31, 464-476.	4.1	52
9	Catalytic acetalization of glycerol to biofuel additives over NiO and Co3O4 supported oxide catalysts: experimental results and theoretical calculations. Molecular Catalysis, 2020, 496, 111186.	2.0	3
10	Selective Catalytic Reduction of NOx by CO over Doubly Promoted MeMo/Nb2O5 Catalysts (Me = Pt, Ni,) Tj ETQq0 0 0 rgBT /Overlock 1	3.5	8
11	Combined promoting effect of molybdenum on the bimetallic Al2O3-La2O3 catalysts for NOx reduction by CO. Fuel, 2020, 275, 117872.	6.4	18
12	Optimizing reaction conditions and experimental studies of selective catalytic reduction of NO by CO over supported SBA-15 catalyst. Environmental Science and Pollution Research, 2020, 27, 30649-30660.	5.3	11
13	Acid Red 66 Dye Removal from Aqueous Solution by Fe/C-based Composites: Adsorption, Kinetics and Thermodynamic Studies. Materials, 2020, 13, 1107.	2.9	13
14	The role of Pt loading on La2O3-Al2O3 support for methane conversion reactions via partial oxidation and steam reforming. Fuel, 2019, 254, 115681.	6.4	35
15	On the role of size controlled Pt particles in nanostructured Pt-containing Al2O3 catalysts for partial oxidation of methane. International Journal of Hydrogen Energy, 2019, 44, 27329-27342.	7.1	21
16	Bio-additive fuels from glycerol acetalization over metals-containing vanadium oxide nanotubes (MeVOx-NT in which, Meâ€¯=â€¯Ni, Co, or Pt). Fuel Processing Technology, 2019, 184, 45-56.	7.2	28
17	Raman studies of nanocomposites catalysts: temperature and pressure effects of CeAl, CeMn and NiAl oxides. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 198, 160-167.	3.9	6
18	On the reasons for deactivation of titanate nanotubes with metals catalysts in the acetalization of glycerol with acetone. Chemical Engineering Journal, 2018, 334, 1927-1942.	12.7	31

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19	Synthesis of highly porous alumina-based oxides with tailored catalytic properties in the esterification of glycerol. Journal of Materials Research, 2018, 33, 3625-3633.	2.6	6
20	CeFe-Based Bead Nanocomposites as Catalysts for Oxidation of Ethylbenzene Reaction. Catalysts, 2018, 8, 495.	3.5	9
21	Fe-containing carbon obtained from ferrocene: Influence of the preparation procedure on the catalytic performance in FTS reaction. Chemical Engineering Journal, 2017, 317, 143-156.	12.7	12
22	Catalytic performance of MnFeSi composite in selective oxidation of styrene, ethylbenzene and benzyl alcohol. Molecular Catalysis, 2017, 436, 29-42.	2.0	43
23	Titanate nanotubes as acid catalysts for acetalization of glycerol with acetone: Influence of the synthesis time and the role of structure on the catalytic performance. Chemical Engineering Journal, 2017, 313, 1454-1467.	12.7	54
24	Structural changes in nanostructured catalytic oxides monitored by Raman spectroscopy: Effect of the laser heating. Journal of Physics and Chemistry of Solids, 2017, 102, 90-98.	4.0	10
25	Effect of the calcination temperatures of the Fe-based catalysts supported on polystyrene mesoporous carbon for FTS Synthesis. Catalysis Today, 2017, 282, 174-184.	4.4	15
26	Characterizations of nanostructured nickel aluminates as catalysts for conversion of glycerol: Influence of the preparation methods. Advanced Powder Technology, 2017, 28, 131-138.	4.1	10
27	Binary Oxides with Defined Hierarchy of Pores in the Esterification of Glycerol. Catalysts, 2016, 6, 151.	3.5	12
28	Effect of the active metal on the catalytic activity of the titanate nanotubes for dry reforming of methane. Chemical Engineering Journal, 2016, 290, 438-453.	12.7	38
29	On the structural, textural and morphological features of Fe-based catalysts supported on polystyrene mesoporous carbon for Fischerâ€“Tropsch synthesis. Applied Catalysis A: General, 2015, 495, 72-83.	4.3	20
30	Studies on styrene selective oxidation over iron-based catalysts: Reaction parameters effects. Fuel, 2015, 150, 305-317.	6.4	25
31	Synthesis of lactic acid from glycerol using a Pd/C catalyst. Fuel Processing Technology, 2015, 138, 228-235.	7.2	33
32	Porous ternary Fe-based catalysts for the oxidative dehydrogenation of ethylbenzene in the presence (absence) of carbon dioxide. RSC Advances, 2015, 5, 20900-20913.	3.6	5
33	Temperature and high pressure effects on the structural features of catalytic nanocomposites oxides by Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 138, 763-773.	3.9	16
34	Production of Î±,Î²-unsaturated esters via Knoevenagel condensation of buthyraldehyde and ethyl cyanoacetate over amine-containing carbon catalyst. Chemical Engineering Journal, 2015, 264, 565-569.	12.7	8
35	Catalytic performance of kenyaite and magadiite lamellar silicates for the production of Î±,Î²-unsaturated esters. Chemical Engineering Journal, 2015, 263, 257-267.	12.7	19
36	Niâ€“Fe and Coâ€“Fe binary oxides derived from layered double hydroxides and their catalytic evaluation for hydrogen production. Catalysis Today, 2015, 250, 155-165.	4.4	38

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37	Nanosized Pt-containing Al2O3 as an efficient catalyst to avoid coking and sintering in steam reforming of glycerol. RSC Advances, 2014, 4, 61771-61780.	3.6	18
38	A study on the modification of mesoporous mixed oxides supports for dry reforming of methane by Pt or Ru. Applied Catalysis A: General, 2014, 473, 132-145.	4.3	46
39	Characterization and catalytic performances of copper and cobalt-exchanged hydroxyapatite in glycerol conversion for 1-hydroxyacetone production. Applied Catalysis A: General, 2014, 471, 39-49.	4.3	41
40	Oxidative dehydrogenation of ethylbenzene with CO2 for styrene production over porous iron-based catalysts. Fuel, 2013, 108, 740-748.	6.4	45
41	Metal cations intercalated titanate nanotubes as catalysts for Î±,Î² unsaturated esters production. Applied Catalysis A: General, 2013, 454, 74-80.	4.3	31
42	Characterisation of high surface area nanocomposites for glycerol transformation: Effect of the presence of silica on the structure and catalytic activity. Catalysis Today, 2013, 212, 127-136.	4.4	17
43	Metal oxides nanoparticles from complexes on SBA-15 for glycerol conversion. Chemical Engineering Journal, 2013, 228, 442-448.	12.7	23
44	Characterisation and catalytic properties of Ni, Co, Ce and Ru nanoparticles in mesoporous carbon spheres. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	8
45	Nanosized aluminum derived oxides catalysts prepared with different methods for styrene production. Chemical Engineering Journal, 2012, 209, 345-355.	12.7	25
46	Mesoporous catalysts for dry reforming of methane: Correlation between structure and deactivation behaviour of Ni-containing catalysts. International Journal of Hydrogen Energy, 2012, 37, 12281-12291.	7.1	60
47	Modified coconut shell fibers: A green and economical sorbent for the removal of anions from aqueous solutions. Chemical Engineering Journal, 2012, 185-186, 274-284.	12.7	91
48	Nanostructured Ni-containing spinel oxides for the dry reforming of methane: Effect of the presence of cobalt and nickel on the deactivation behaviour of catalysts. International Journal of Hydrogen Energy, 2012, 37, 3201-3212.	7.1	117
49	Nanocasted oxides for oxidative dehydrogenation of ethylbenzene utilizing CO2 as soft oxidant. Journal of Molecular Catalysis A, 2011, 348, 1-13.	4.8	22
50	Investigation of the deactivation of iron nanocomposites by coking in the dehydrogenation of ethylbenzene. Journal of Molecular Catalysis A, 2011, 351, 81-92.	4.8	16
51	Modifications of an HY zeolite for n-octane hydroconversion. Applied Catalysis A: General, 2011, 403, 65-74.	4.3	11
52	Ternary composites for glycerol conversion: The influence of structural and textural properties on catalytic activity. Applied Catalysis A: General, 2011, 406, 63-72.	4.3	19
53	Catalytic activity of nitrogen-containing molecular sieves and nitrogen-containing carbon for Î±,Î²-unsaturated esters production. Chemical Engineering Journal, 2011, 172, 1054-1065.	12.7	8
54	Effect of sulfatation on the physicochemical and catalytic properties of molecular sieves. Reaction Kinetics, Mechanisms and Catalysis, 2011, 102, 487-500.	1.7	9

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55	Catalytic conversion of glycerol to acrolein over modified molecular sieves: Activity and deactivation studies. Chemical Engineering Journal, 2011, 168, 765-774.	12.7	119
56	Activity of nanocasted oxides for gas-phase dehydration of glycerol. Chemical Engineering Journal, 2011, 168, 656-664.	12.7	30
57	Synthesis, characterization and catalytic performance of metal-containing mesoporous carbons for styrene production. Applied Catalysis A: General, 2011, 395, 53-63.	4.3	13
58	Nanocasted oxides for gas phase glycerol conversion. Applied Catalysis A: General, 2011, 399, 50-62.	4.3	23
59	Structural, acidic and catalytic features of transition metal-containing molecular sieves in the transformation of C4 hydrocarbon. Applied Catalysis A: General, 2010, 382, 10-20.	4.3	12
60	Mesoporous MAl2O4 (M = Cu, Ni, Fe or Mg) spinels: Characterisation and application in the catalytic dehydrogenation of ethylbenzene in the presence of CO2. Applied Catalysis A: General, 2010, 382, 148-157.	4.3	74
61	Dehydrogenation of ethylbenzene with CO2 to produce styrene over Fe-containing ceramic composites. Applied Catalysis A: General, 2010, 377, 55-63.	4.3	32
62	High Catalytic Activity of Nitrogen-Containing Carbon from Molecular Sieves in Fine Chemistry. Catalysis Letters, 2009, 131, 135-145.	2.6	20
63	Basic catalytic properties of as-synthesized molecular sieves. Microporous and Mesoporous Materials, 2009, 120, 206-213.	4.4	30
64	Studies of catalytic activity and coke deactivation of spinel oxides during ethylbenzene dehydrogenation. Applied Catalysis A: General, 2009, 359, 165-179.	4.3	47
65	Highly stable dealuminated zeolite support for the production of hydrogen by dry reforming of methane. Applied Catalysis A: General, 2009, 355, 156-168.	4.3	94
66	Analysis of coke deposition and study of the structural features of MAl2O4 catalysts for the dry reforming of methane. Catalysis Communications, 2009, 11, 11-14.	3.3	59
67	Studies on MeAPSO-5: An investigation of physicochemical and acidic properties. Catalysis Today, 2008, 133-135, 56-62.	4.4	12
68	Comparative study of transformation of linear alkanes over modified mordenites and sulphated zirconia catalysts: Influence of the zeolite acidity on the performance of n-butane isomerization. Journal of Molecular Catalysis A, 2008, 293, 31-38.	4.8	20