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List of Publications by Year
in descending order

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205 papers	9,530 citations	38742 50 h-index	46799 89 g-index
212 all docs	212 docs citations	212 times ranked	9443 citing authors

#	Article	IF	Citations
1	Catalytic oxidation of volatile organic compounds on supported noble metals. Applied Catalysis B: Environmental, 2010, 100, 403-412.	20.2	733
2	Co3O4/CeO2 composite oxides for methane emissions abatement: Relationship between Co3O4â€“CeO2 interaction and catalytic activity. Applied Catalysis B: Environmental, 2006, 66, 217-227.	20.2	419
3	Heterogeneous catalytic degradation of phenolic substrates: Catalysts activity. Journal of Hazardous Materials, 2009, 162, 588-606.	12.4	346
4	Co3O4 nanocrystals and Co3O4â€“MOx binary oxides for CO, CH4 and VOC oxidation at low temperatures: a review. Catalysis Science and Technology, 2013, 3, 3085.	4.1	318
5	Supported gold catalysts for the total oxidation of volatile organic compounds. Applied Catalysis B: Environmental, 2012, 125, 222-246.	20.2	289
6	Relationship between Structure and CO Oxidation Activity of Ceria-Supported Gold Catalysts. Journal of Physical Chemistry B, 2005, 109, 2821-2827.	2.6	272
7	Total oxidation of propene at low temperature over Co3O4â€“CeO2 mixed oxides: Role of surface oxygen vacancies and bulk oxygen mobility in the catalytic activity. Applied Catalysis A: General, 2008, 347, 81-88.	4.3	246
8	Catalytic reduction of nitrates and nitrites in water solution on pumice-supported Pdâ€“Cu catalysts. Applied Catalysis B: Environmental, 2000, 24, 265-273.	20.2	171
9	Activity of SiO2 supported gold-palladium catalysts in CO oxidation. Applied Catalysis A: General, 2003, 251, 359-368.	4.3	165
10	Manganese oxide-based catalysts for toluene oxidation. Applied Catalysis B: Environmental, 2017, 209, 689-700.	20.2	164
11	Co3O4/CeO2 and Co3O4/CeO2â€“ZrO2 composite catalysts for methane combustion: Correlation between morphology reduction properties and catalytic activity. Catalysis Communications, 2005, 6, 329-336.	3.3	155
12	The role of metalâ€“support interaction in Ag/CeO2 catalysts for CO and soot oxidation. Applied Catalysis B: Environmental, 2020, 260, 118148.	20.2	151
13	Bi- and trimetallic Ni catalysts over Al2O3 and Al2O3-MO (M = Ce or Mg) oxides for methane dry reforming: Au and Pt additive effects. Applied Catalysis B: Environmental, 2014, 156-157, 350-361.	20.2	141
14	Supported Au catalysts for low-temperature abatement of propene and toluene, as model VOCs: Support effect. Applied Catalysis B: Environmental, 2011, 101, 629-637.	20.2	139
15	Catalytic performance of Co3O4/CeO2 and Co3O4/CeO2â€“ZrO2 composite oxides for methane combustion: Influence of catalyst pretreatment temperature and oxygen concentration in the reaction mixture. Applied Catalysis B: Environmental, 2007, 70, 314-322.	20.2	138
16	Ni-Based Catalysts for Low Temperature Methane Steam Reforming: Recent Results on Ni-Au and Comparison with Other Bi-Metallic Systems. Catalysts, 2013, 3, 563-583.	3.5	137
17	Catalytic Removal of Toluene over Co3O4â€“CeO2 Mixed Oxide Catalysts: Comparison with Pt/Al2O3. Catalysis Letters, 2009, 127, 270-276.	2.6	127
18	CoOx catalysts supported on alumina and alumina-baria: influence of the support on the cobalt species and their activity in NO reduction by C3H6 in lean conditions. Applied Catalysis A: General, 2003, 245, 167-177.	4.3	121

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19	The Influence of Alkali Metal Ions in the Chemisorption of CO and CO2on Supported Palladium Catalysts: A Fourier Transform Infrared Spectroscopic Study. Journal of Catalysis, 1996, 164, 322-333.	6.2	113
20	Pumice-Supported Cuâ€“Pd Catalysts: Influence of Copper on the Activity and Selectivity of Palladium in the Hydrogenation of Phenylacetylene and But-1-ene. Journal of Catalysis, 1999, 182, 456-462.	6.2	103
21	Influence of the SMSI effect on the catalytic activity of a Pt(1%)/Ce0.6Zr0.4O2 catalyst: SAXS, XRD, XPS and TPR investigations. Applied Catalysis B: Environmental, 2004, 48, 133-149.	20.2	93
22	Effects of redox treatments on the structural composition of a ceriaâ€“zirconia oxide for application in the three-way catalysis. Applied Catalysis A: General, 2003, 240, 295-307.	4.3	87
23	Liquid phase selective oxidation of benzyl alcohol over Pdâ€“Ag catalysts supported on pumice. Catalysis Today, 2001, 66, 271-276.	4.4	86
24	Characterization of Pumice-Supported Agâ€“Pd and Cuâ€“Pd Bimetallic Catalysts by X-Ray Photoelectron Spectroscopy and X-Ray Diffraction. Journal of Catalysis, 1999, 182, 449-455.	6.2	84
25	Screening of different solid acid catalysts for glycerol acetylation. Journal of Molecular Catalysis A, 2013, 367, 69-76.	4.8	84
26	Low-temperature CO oxidation over Ag/SiO2 catalysts: Effect of OH/Ag ratio. Applied Catalysis B: Environmental, 2018, 221, 598-609.	20.2	83
27	Synthesis of CeO2, ZrO2, Ce0.5Zr0.5O2, and TiO2 nanoparticles by a novel oil-in-water microemulsion reaction method and their use as catalyst support for CO oxidation. Catalysis Today, 2010, 158, 35-43.	4.4	82
28	High-efficiency and wide-bandwidth microwave absorbers based on MoS2-coated carbon fiber. Journal of Colloid and Interface Science, 2021, 586, 457-468.	9.4	80
29	Selective Hydrogenation of Phenylacetylene on Pumice-Supported Palladium Catalysts. Journal of Catalysis, 1995, 154, 69-79.	6.2	78
30	Multiâ€Layered, Covalently Supported Ionic Liquid Phase (mlcâ€SILP) as Highly Crossâ€Linked Support for Recyclable Palladium Catalysts for the Suzuki Reaction in Aqueous Medium. Advanced Synthesis and Catalysis, 2011, 353, 2119-2130.	4.3	78
31	Total oxidation of propane over Co3O4-based catalysts: Elucidating the influence of Zr dopant. Applied Catalysis B: Environmental, 2021, 298, 120606.	20.2	78
32	Multilayered Supported Ionic Liquids as Catalysts for Chemical Fixation of Carbon Dioxide: A Highâ€Throughput Study in Supercritical Conditions. ChemSusChem, 2011, 4, 1830-1837.	6.8	77
33	Catalytic Oxidation of Propene over Pd Catalysts Supported on CeO2, TiO2, Al2O3 and M/Al2O3 Oxides (M = Ce, Ti, Fe, Mn). Catalysts, 2015, 5, 671-689.	3.5	71
34	Support effect on the catalytic performance of Au/Co3O4â€“CeO2 catalysts for CO and CH4 oxidation. Catalysis Today, 2008, 139, 174-179.	4.4	69
35	Keggin heteropolyacid H3PW12O40 supported on different oxides for catalytic and catalytic photo-assisted propene hydration. Physical Chemistry Chemical Physics, 2013, 15, 13329.	2.8	69
36	Oxidation of CH4 over Pd supported on TiO2-doped SiO2: Effect of Ti(IV) loading and influence of SO2. Applied Catalysis B: Environmental, 2009, 88, 430-437.	20.2	68

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37	Ag/CeO2 Composites for Catalytic Abatement of CO, Soot and VOCs. Catalysts, 2018, 8, 285.	3.5	65
38	Co₃O₄ particles grown over nanocrystalline CeO₂: influence of precipitation agents and calcination temperature on the catalytic activity for methane oxidation. Catalysis Science and Technology, 2015, 5, 1888-1901.	4.1	63
39	A study of the behaviour of Pt supported on CeO2â€“ZrO2/Al2O3â€“BaO as NO storageâ€“reduction catalyst for the treatment of lean burn engine emissions. Catalysis Today, 2002, 75, 439-449.	4.4	62
40	Tunable sulfur vacancies and hetero-interfaces of FeS2-based composites for high-efficiency electromagnetic wave absorption. Journal of Colloid and Interface Science, 2021, 591, 148-160.	9.4	62
41	Supported gold catalysts for CO oxidation and preferential oxidation of CO in H2 stream: Support effect. Catalysis Today, 2010, 158, 56-62.	4.4	59
42	Structure and the Metal Support Interaction of the Au/Mn Oxide Catalysts. Chemistry of Materials, 2010, 22, 3952-3960.	6.7	58
43	Cyclodextrinâ€“calixarene co-polymers as a new class of nanosponges. Polymer Chemistry, 2014, 5, 4499-4510.	3.9	58
44	Electrochemical properties of Ce-doped SrFeO3 perovskites-modified electrodes towards hydrogen peroxide oxidation. Electrochimica Acta, 2016, 190, 939-947.	5.2	58
45	Cerium effect on the phase structure, phase stability and redox properties of Ce-doped strontium ferrates. Journal of Solid State Chemistry, 2006, 179, 3406-3419.	2.9	57
46	Effect of Ti(IV) loading on CH4 oxidation activity and SO2 tolerance of Pd catalysts supported on silica SBA-15 and HMS. Applied Catalysis B: Environmental, 2011, 106, 529-539.	20.2	55
47	Imidazoliumâ€Functionalized Carbon Nanohorns for the Conversion of Carbon Dioxide: Unprecedented Increase of Catalytic Activity after Recycling. ChemSusChem, 2017, 10, 1202-1209.	6.8	55
48	Support effect on the structure and CO oxidation activity of Cu-Cr mixed oxides over Al2O3 and SiO2. Materials Chemistry and Physics, 2009, 114, 604-611.	4.0	53
49	La1â^'xSrxCo1â^'yFeyO3â^'Î´ perovskites: Preparation, characterization and solar photocatalytic activity. Applied Catalysis B: Environmental, 2015, 178, 218-225.	20.2	53
50	Direct synthesis of methyl isobutyl ketone in gas-phase reaction over palladium-loaded hydroxyapatite. Journal of Catalysis, 2005, 232, 257-267.	6.2	52
51	Effect of metal loading on activity, selectivity and deactivation behavior of Pd/silicaâ€“alumina catalysts in the hydroconversion of n-hexadecane. Catalysis Today, 2014, 223, 87-96.	4.4	52
52	Effect of Ti(IV) loading on CO oxidation activity of gold on TiO2 doped amorphous silica. Applied Catalysis A: General, 2006, 310, 114-121.	4.3	51
53	Hydroconversion of n-hexadecane on Pt/silica-alumina catalysts: Effect of metal loading and support acidity on bifunctional and hydrogenolytic activity. Applied Catalysis A: General, 2014, 469, 328-339.	4.3	50
54	Cu on amorphous AlPO4: Preparation, characterization and catalytic activity in NO reduction by CO in presence of oxygen. Catalysis Today, 2015, 241, 151-158.	4.4	50

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55	Catalytic CO oxidation over pumice supported Pdâ€“Ag catalysts. Applied Catalysis A: General, 2001, 211, 167-174.	4.3	49
56	Supported Polyhedral Oligomeric Silsesquioxaneâ€Based (POSS) Materials as Highly Active Organocatalysts for the Conversion of CO₂. ChemCatChem, 2019, 11, 560-567.	3.7	49
57	B-Site Metal (Pd, Pt, Ag, Cu, Zn, Ni) Promoted La1â^'xSrxCo1â^'yFeyO3â€“Î´ Perovskite Oxides as Cathodes for IT-SOFCs. Catalysts, 2015, 5, 366-391.	3.5	48
58	Formation and structure of Au/TiO2 and Au/CeO2 nanostructures in mesoporous SBA-15. Catalysis Today, 2008, 139, 180-187.	4.4	47
59	Gold catalysts supported on Y-modified ceria for CO-free hydrogen production via PROX. Applied Catalysis B: Environmental, 2016, 188, 154-168.	20.2	47
60	Controllable and Large-Scale Synthesis of Carbon Nanostructures: A Review on Bamboo-Like Nanotubes. Catalysts, 2017, 7, 256.	3.5	47
61	Palladium nanoparticles immobilized on halloysite nanotubes covered by a multilayer network for catalytic applications. New Journal of Chemistry, 2018, 42, 13938-13947.	2.8	46
62	Sol-derived AuNi/MgAl2O4 catalysts: Formation, structure and activity in dry reforming of methane. Applied Catalysis A: General, 2013, 468, 250-259.	4.3	45
63	Synthesis and mechanism investigation of wide-bandwidth Ni@MnO2 NS foam microwave absorbent. Journal of Alloys and Compounds, 2019, 792, 945-952.	5.5	45
64	Structure of the Metalâ€“Support Interface and Oxidation State of Gold Nanoparticles Supported on Ceria. Journal of Physical Chemistry C, 2012, 116, 2960-2966.	3.1	44
65	Structural and morphological investigation of a cobalt catalyst supported on alumina-baria: effects of redox treatments on the activity in the NO reduction by CO. Applied Catalysis B: Environmental, 2004, 52, 1-10.	20.2	43
66	Au/CeO2-SBA-15 catalysts for CO oxidation: Effect of ceria loading on physic-chemical properties and catalytic performances. Catalysis Today, 2012, 187, 10-19.	4.4	43
67	Ceria-based electrolytes prepared by solution combustion synthesis: The role of fuel on the materials properties. Applied Catalysis B: Environmental, 2016, 197, 14-22.	20.2	42
68	Direct methane oxidation on La1â^'Sr Cr1FeyO3â^' perovskite-type oxides as potential anode for intermediate temperature solid oxide fuel cells. Applied Catalysis B: Environmental, 2016, 180, 424-433.	20.2	42
69	Design of Ag-CeO2/SiO2 catalyst for oxidative dehydrogenation of ethanol: Control of Agâ€“CeO2 interfacial interaction. Catalysis Today, 2019, 333, 2-9.	4.4	41
70	Palladium on pumice: new catalysts for the stereoselective semihydrogenation of alkynes to (Z)-alkenes. Tetrahedron Letters, 2001, 42, 2015-2017.	1.4	40
71	Fullereneâ€“Ionicâ€Liquid Conjugates: A New Class of Hybrid Materials with Unprecedented Properties. Chemistry - A European Journal, 2015, 21, 3327-3334.	3.3	40
72	The Effect of Citric Acid Concentration on the Properties of LaMnO3 as a Catalyst for Hydrocarbon Oxidation. Catalysts, 2019, 9, 226.	3.5	40

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73	Palladium local structure of La1â^'xSrxCo1â^'yFeyâ^'0.03Pd0.03O3â^'Î´ perovskites synthesized using a one pot citrate method. Physical Chemistry Chemical Physics, 2014, 16, 22677-22686.	2.8	39
74	Lanthanoid-containing Ni-based catalysts for dry reforming of methane: A review. International Journal of Hydrogen Energy, 2022, 47, 4489-4535.	7.1	39
75	Total oxidation of volatile organic compounds on Au/FeOx catalysts supported on mesoporous SBA-15 silica. Applied Catalysis A: General, 2011, 400, 54-60.	4.3	38
76	Liquid phase hydrogenation of phenylacetylene on pumice supported palladium catalysts. Catalysis Today, 1995, 24, 15-21.	4.4	37
77	Strontium and iron-doped barium cobaltite prepared by solution combustion synthesis: exploring a mixed-fuel approach for tailored intermediate temperature solid oxide fuel cell cathode materials. Materials for Renewable and Sustainable Energy, 2013, 2, 1.	3.6	36
78	Infiltration, Overpotential and Ageing Effects on Cathodes for Solid Oxide Fuel Cells: La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O_{3-Î´}versus Ba_{0.5}Sr_{0.5}Co_{0.8}Fe_{0.2}O_{3-Î´}. Journal of the Electrochemical Society, 2017, 164, F3114-F3122.	2.9	36
79	Syngas production from dry reforming of methane over ni/perlite catalysts: Effect of zirconia and ceria impregnation. International Journal of Hydrogen Energy, 2018, 43, 17142-17155.	7.1	36
80	Alumina supported Pt(1%)/Ce0.6Zr0.4O2 monolith: Remarkable stabilization of ceriaâ€“zirconia solution towards CeAlO3 formation operated by Pt under redox conditions. Applied Catalysis B: Environmental, 2009, 90, 470-477.	20.2	35
81	Co/SiO2 catalysts for Fischerâ€“Tropsch synthesis; effect of Co loading and support modification by TiO2. Catalysis Today, 2012, 197, 18-23.	4.4	35
82	La_{0.6}Sr_{0.4}FeO_{3â€Î´} and La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O_{3â€Î´} Perovskite Materials for H₂O₂ and Glucose Electrochemical Sensors. Electroanalysis, 2015, 27, 684-692.	2.9	35
83	Pumice-Supported Pd-Pt Bimetallic Catalysts: Synthesis, Structural Characterization, and Liquid-Phase Hydrogenation of 1,3-Cyclooctadiene. Journal of Catalysis, 1995, 151, 125-134.	6.2	34
84	Oxidative degradation properties of Co-based catalysts in the presence of ozone. Applied Catalysis B: Environmental, 2007, 75, 281-289.	20.2	34
85	Local Structure of Supported Keggin and Wellsâ€“Dawson Heteropolyacids and Its Influence on the Catalytic Activity. Journal of Physical Chemistry C, 2019, 123, 19513-19527.	3.1	34
86	Strong impact of indium promoter on Ni/Al2O3 and Ni/CeO2-Al2O3 catalysts used in dry reforming of methane. Applied Catalysis A: General, 2021, 621, 118174.	4.3	34
87	Influence of barium and cerium oxides on alumina supported Pd catalysts for hydrocarbon combustion. Applied Catalysis A: General, 2002, 229, 217-227.	4.3	32
88	WO3â€“V2O5 Active Oxides for NOx SCR by NH3: Preparation Methods, Catalystsâ€™ Composition, and Deactivation Mechanismâ€”A Review. Catalysts, 2019, 9, 527.	3.5	32
89	Chromia on silica and zirconia oxides as recyclable oxidizing system: structural and surface characterization of the active chromium species for oxidation reaction. Catalysis Today, 2004, 91-92, 231-236.	4.4	31
90	Supported Au catalysts for propene total oxidation: Study of support morphology and gold particle size effects. Catalysis Today, 2011, 176, 7-13.	4.4	30

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91	Effect of Ti and Al addition via direct synthesis to SBA-15 as support for cobalt based Fischer-Tropsch catalysts. Applied Catalysis A: General, 2012, 443-444, 76-86.	4.3	30
92	Efficient semihydrogenation of the Cî—¸C triple bond using palladium on pumice as catalyst. Tetrahedron Letters, 1999, 40, 2857-2858.	1.4	29
93	Metalâ^'Support Interaction and Redox Behavior of Pt(1 wt %)/Ce0.6Zr0.4O2. Journal of Physical Chemistry B, 2006, 110, 8731-8739.	2.6	29
94	Combined sulfating and non-sulfating support to prevent water and sulfur poisoning of Pd catalysts for methane combustion. Chemical Communications, 2010, 46, 6317.	4.1	29
95	Au/Co promoted CeO₂ catalysts for formaldehyde total oxidation at ambient temperature: role of oxygen vacancies. Catalysis Science and Technology, 2019, 9, 3203-3213.	4.1	29
96	Ni/CeO₂ Nanoparticles Promoted by Yttrium Doping as Catalysts for CO₂ Methanation. ACS Applied Nano Materials, 2020, 3, 12355-12368.	5.0	29
97	Mesoporous Silica Based Gold Catalysts: Novel Synthesis and Application in Catalytic Oxidation of CO and Volatile Organic Compounds (VOCs). Catalysts, 2013, 3, 774-793.	3.5	28
98	Supported C₆₀-IL-PdNPs as extremely active nanocatalysts for Câ€“C cross-coupling reactions. Journal of Materials Chemistry A, 2016, 4, 17193-17206.	10.3	28
99	Combined CO/CH4 oxidation tests over Pd/Co3O4 monolithic catalyst: Effects of high reaction temperature and SO2 exposure on the deactivation process. Applied Catalysis B: Environmental, 2007, 75, 182-188.	20.2	27
100	Alumina supported Au/Y-doped ceria catalysts for pure hydrogen production via PROX. International Journal of Hydrogen Energy, 2019, 44, 233-245.	7.1	27
101	Localization of Alkali Metal Ions in Sodium-Promoted Palladium Catalysts as Studied by Low Energy Ion Scattering and Transmission Electron Microscopy. Journal of Catalysis, 1996, 164, 334-340.	6.2	26
102	Thermal stability, structural properties and catalytic activity of Pd catalysts supported on Al2O3â€“CeO2â€“BaO mixed oxides prepared by solâ€“gel method. Journal of Molecular Catalysis A, 2003, 204-205, 763-770.	4.8	25
103	Honeycomb supported Co3O4/CeO2 catalyst for CO/CH4 emissions abatement: Effect of low Pdâ€“Pt content on the catalytic activity. Catalysis Communications, 2007, 8, 299-304.	3.3	25
104	Hydroconversion of paraffinic wax over platinum and palladium catalysts supported on silicaâ€“alumina. Catalysis Today, 2016, 275, 141-148.	4.4	25
105	Effect of sodium on the electronic properties of Pd/silica-alumina catalysts. Applied Catalysis A: General, 1996, 147, 81-94.	4.3	24
106	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 28, 119-132.	2.4	24
107	IR and XPS Study of NO and CO Interaction with Palladium Catalysts Supported on Aluminosilicates. Langmuir, 1999, 15, 1176-1181.	3.5	23
108	One-pot microwave assisted catalytic transformation of vegetable oil into glycerol-free biodiesel. Fuel, 2013, 113, 707-711.	6.4	23

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109	Characterization and performance of the bifunctional platinum-loaded calcium-hydroxyapatite in the one-step synthesis of methyl isobutyl ketone. Journal of Molecular Catalysis A, 2013, 377, 42-50.	4.8	23
110	Enhanced (photo)catalytic activity of Wells-Dawson (H6P2W18O62) in comparison to Keggin (H3PW12O40) heteropolyacids for 2-propanol dehydration in gas-solid regime. Applied Catalysis A: General, 2016, 528, 113-122.	4.3	23
111	Ni/La2O3 catalysts for dry reforming of methane: Effect of La2O3 synthesis conditions on the structural properties and catalytic performances. International Journal of Hydrogen Energy, 2021, 46, 7939-7953.	7.1	23
112	TiO2/Ag2O immobilized on cellulose paper: A new floating system for enhanced photocatalytic and antibacterial activities. Environmental Research, 2021, 198, 111257.	7.5	23
113	Structural evolution of Pt/ceriaâ€“zirconia TWC catalysts during the oxidation of carbon monoxide. Journal of Solid State Chemistry, 2004, 177, 1268-1275.	2.9	22
114	Template evaporation method for controlling anatase nanocrystal size in ordered macroporous TiO2. Journal of Colloid and Interface Science, 2005, 290, 201-207.	9.4	22
115	Antifouling and antimicrobial activity of Ag, Cu and Fe nanoparticles supported on silica and titania. Inorganica Chimica Acta, 2022, 529, 120636.	2.4	21
116	Model Pumices Supported Metal Catalysts. Journal of Catalysis, 1997, 171, 177-183.	6.2	20
117	Structural and surface properties of heterogeneous catalysts: Nature of the oxide carrier and supported particle size effects. Catalysis Today, 2017, 285, 114-124.	4.4	20
118	Use of Zirconium Phosphate-Sulphate as Acid Catalyst for Synthesis of Glycerol-Based Fuel Additives. Catalysts, 2019, 9, 148.	3.5	20
119	Structure of natural water-containing glasses from Lipari (Italy) and Eastern Rhodopes (Bulgaria): SAXS, WAXS and IR studies. Journal of Non-Crystalline Solids, 1998, 232-234, 547-553.	3.1	19
120	The Effect of Ni Doping on the Performance and Electronic Structure of LSCF Cathodes Used for IT-SOFCs. Journal of Physical Chemistry C, 2018, 122, 1003-1013.	3.1	19
121	Paper-TiO2 composite: An effective photocatalyst for 2-propanol degradation in gas phase. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 350, 142-151.	3.9	19
122	Catalytic Dehydration of Fructose to 5-Hydroxymethylfurfural in Aqueous Medium over Nb2O5-Based Catalysts. Nanomaterials, 2021, 11, 1821.	4.1	19
123	Design of Ni-based catalysts supported over binary La-Ce oxides: Influence of La/Ce ratio on the catalytic performances in DRM. Catalysis Today, 2021, 382, 71-81.	4.4	18
124	Pd/Co3O4 catalyst for CH4 emissions abatement: study of SO2 poisoning effect. Topics in Catalysis, 2007, 42-43, 425-428.	2.8	17
125	Biodiesel From Moroccan Waste Frying Oil: The Optimization of Transesterification Parameters Impact of Biodiesel on the Petrodiesel Lubricity and Combustion. International Journal of Green Energy, 2015, 12, 865-872.	3.8	17
126	Time-resolved X-ray powder diffraction on a three-way catalyst at the GILDA beamline. Journal of Synchrotron Radiation, 2003, 10, 177-182.	2.4	16

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127	Templating effect of carbon nanoforms on highly crossâ€linked imidazolium network: Catalytic activity of the resulting hybrids with Pd nanoparticles. Applied Organometallic Chemistry, 2019, 33, e4848.	3.5	16
128	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 26, 235-240.	2.4	15
129	Chromium(VI) supported and entrapped on silica and zirconia as recyclable materials for oxidation of alcohols. Tetrahedron, 2003, 59, 4997-5002.	1.9	15
130	Highly Loaded Multiâ€Walled Carbon Nanotubes Nonâ€Covalently Modified with a Bisâ€Imidazolium Salt and their Use as Catalyst Supports. ChemPlusChem, 2016, 81, 471-476.	2.8	15
131	Temperature-programmed reduction of lightly yttrium-doped Au/CeO2 catalysts. Journal of Thermal Analysis and Calorimetry, 2018, 131, 145-154.	3.6	15
132	Efficient Conversion of Carbon Dioxide by Imidazoliumâ€Based Crossâ€Linked Nanostructures Containing Polyhedral Oligomeric Silsesquioxane (POSS) Building Blocks. ChemPlusChem, 2019, 84, 1536-1543.	2.8	15
133	Low Temperature Synthesis of Photocatalytic Mesoporous TiO2 Nanomaterials. Catalysts, 2020, 10, 893.	3.5	15
134	Paper Functionalized with Nanostructured TiO2/AgBr: Photocatalytic Degradation of 2â€“Propanol under Solar Light Irradiation and Antibacterial Activity. Nanomaterials, 2020, 10, 470.	4.1	15
135	Utilization of Waste Grooved Razor Shell (GRS) as a Catalyst in Biodiesel Production from Refined and Waste Cooking Oils. Catalysts, 2020, 10, 703.	3.5	15
136	Production of biodiesel at small-scale (10ÂL) for local power generation. International Journal of Hydrogen Energy, 2017, 42, 8914-8921.	7.1	14
137	Effect of Y Modified Ceria Support in Mono and Bimetallic Pdâ€“Au Catalysts for Complete Benzene Oxidation. Catalysts, 2018, 8, 283.	3.5	14
138	SBAâ€15/POSSâ€Imidazolium Hybrid as Catalytic Nanoreactor: the role of the Support in the Stabilization of Palladium Species for Câˆ'C Cross Coupling Reactions.. Advanced Synthesis and Catalysis, 2019, 361, 3758-3767.	4.3	14
139	Site-specific halloysite functionalization by polydopamine: A new synthetic route for potential near infrared-activated delivery system. Journal of Colloid and Interface Science, 2022, 606, 1779-1791.	9.4	14
140	A new cell for the study ofin situchemical reactions using X-ray absorption spectroscopy. Journal of Synchrotron Radiation, 2005, 12, 499-505.	2.4	13
141	Room-Temperature Nitrophenol Reduction over Agâ€“CeO2 Catalysts: The Role of Catalyst Preparation Method. Catalysts, 2020, 10, 580.	3.5	13
142	Hybrid paperâ€“TiO₂ coupled with a Cu₂O heterojunction: an efficient photocatalyst under sun-light irradiation. RSC Advances, 2016, 6, 86918-86929.	3.6	12
143	Oxidative dehydrogenation of ethanol on modified OMS-2 catalysts. Catalysis Today, 2020, 357, 503-510.	4.4	12
144	Keggin heteropolyacid supported on BN and C3N4: Comparison between catalytic and photocatalytic alcohol dehydration. Materials Science in Semiconductor Processing, 2020, 112, 104987.	4.0	12

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145	Gold Catalysts on Y-Doped Ceria Supports for Complete Benzene Oxidation. Catalysts, 2016, 6, 99.	3.5	11
146	Glycerol Acetylation over Organic-Inorganic Sulfonic or Phosphonic Silica Catalysts. ChemistrySelect, 2017, 2, 4934-4941.	1.5	11
147	La0.6Sr0.4Co0.2Fe0.79M0.01O3â^Î´ (Mâ€¯=â€¯Ni, Pd) perovskites synthesized by Citrate-EDTA method: Oxygen vacancies effect on electrochemical properties. Advanced Powder Technology, 2018, 29, 2804-2812.	4.1	11
148	Distribution of Relaxation Times and Equivalent Circuits Analysis of Ba0.5Sr0.5Co0.8Fe0.2O3â^Î´. Catalysts, 2019, 9, 441.	3.5	11
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