

# Leonardafrancesca Liotta

## 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	Antifouling and antimicrobial activity of Ag, Cu and Fe nanoparticles supported on silica and titania. <i>Inorganica Chimica Acta</i> , 2022, 529, 120636.	2.4	21
2	Site-specific halloysite functionalization by polydopamine: A new synthetic route for potential near infrared-activated delivery system. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1779-1791.	9.4	14
3	Lanthanoid-containing Ni-based catalysts for dry reforming of methane: A review. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 4489-4535.	7.1	39
4	First Evidence of Tris(catecholato)silicate Formation from Hydrolysis of an Alkyl Bis(catecholato)silicate. <i>Molecules</i> , 2022, 27, 2521.	3.8	1
5	Reducibility Studies of Ceria, Ce <sub>0.85</sub> Zr <sub>0.15</sub> O <sub>2</sub> (CZ) and Au/CZ Catalysts after Alkali Ion Doping: Impact on Activity in Oxidation of NO and CO. <i>Catalysts</i> , 2022, 12, 524.	3.5	4
6	CO <sub>2</sub> reforming of CH <sub>4</sub> over Ni supported on SiO <sub>2</sub> modified by TiO <sub>2</sub> and ZrO <sub>2</sub> : Effect of the support synthesis procedure. <i>Applied Catalysis A: General</i> , 2022, 642, 118704.	4.3	8
7	Antifouling Systems Based on Copper and Silver Nanoparticles Supported on Silica, Titania, and Silica/Titania Mixed Oxides. <i>Nanomaterials</i> , 2022, 12, 2371.	4.1	4
8	High-efficiency and wide-bandwidth microwave absorbers based on MoS <sub>2</sub> -coated carbon fiber. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 457-468.	9.4	80
9	Preparation of photocatalysts by chemical methodologies. , 2021, , 13-36.		0
10	Ni/La <sub>2</sub> O <sub>3</sub> catalysts for dry reforming of methane: Effect of La <sub>2</sub> O <sub>3</sub> synthesis conditions on the structural properties and catalytic performances. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 7939-7953.	7.1	23
11	Investigation of Co <sub>3</sub> O <sub>4</sub> and LaCoO <sub>3</sub> Interaction by Performing N <sub>2</sub> O Decomposition Tests under Co <sub>3</sub> O <sub>4</sub> -CoO Transition Temperature. <i>Catalysts</i> , 2021, 11, 325.	3.5	1
12	Tunable sulfur vacancies and hetero-interfaces of FeS <sub>2</sub> -based composites for high-efficiency electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 148-160.	9.4	62
13	TiO <sub>2</sub> /Ag <sub>2</sub> O immobilized on cellulose paper: A new floating system for enhanced photocatalytic and antibacterial activities. <i>Environmental Research</i> , 2021, 198, 111257.	7.5	23
14	Strong impact of indium promoter on Ni/Al <sub>2</sub> O <sub>3</sub> and Ni/CeO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> catalysts used in dry reforming of methane. <i>Applied Catalysis A: General</i> , 2021, 621, 118174.	4.3	34
15	Design of Ni-based catalysts supported over binary La-Ce oxides: Influence of La/Ce ratio on the catalytic performances in DRM. <i>Catalysis Today</i> , 2021, 382, 71-81.	4.4	18
16	Catalytic Dehydration of Fructose to 5-Hydroxymethylfurfural in Aqueous Medium over Nb <sub>2</sub> O <sub>5</sub> -Based Catalysts. <i>Nanomaterials</i> , 2021, 11, 1821.	4.1	19
17	A Study on the Stability of Carbon Nanoformsâ€“Polyimidazolium Network Hybrids in the Conversion of CO <sub>2</sub> into Cyclic Carbonates: Increase in Catalytic Activity after Reuse. <i>Nanomaterials</i> , 2021, 11, 2243.	4.1	5
18	Activity of Ag/CeZrO <sub>2</sub> , Ag+K/CeZrO <sub>2</sub> , and Ag-Au+K/CeZrO <sub>2</sub> Systems for Lean Burn Exhaust Clean-Up. <i>Catalysts</i> , 2021, 11, 1041.	3.5	3

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19	Heteropolyacids supported on boron nitride and carbon nitride for catalytic and catalytic photo-assisted alcohol dehydration. <i>Catalysis Today</i> , 2021, 380, 209-222.	4.4	5
20	Total oxidation of propane over Co <sub>3</sub> O <sub>4</sub> -based catalysts: Elucidating the influence of Zr dopant. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120606.	20.2	78
21	Au/CeO <sub>2</sub> Photocatalyst for the Selective Oxidation of Aromatic Alcohols in Water under UV, Visible and Solar Irradiation. <i>Catalysts</i> , 2021, 11, 1467.	3.5	9
22	Study of Nickel Catalysts Supported on MnO <sub>x</sub> -CeO <sub>2</sub> Mixed Oxides in Dry Reforming of Methane. <i>Kinetics and Catalysis</i> , 2021, 62, 765-777.	1.0	4
23	Impact of ceria loading on the preferential CO oxidation over gold catalysts on CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> and Y-doped CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> supports prepared by mechanical mixing. <i>Catalysis Today</i> , 2020, 357, 547-555.	4.4	8
24	Oxidative dehydrogenation of ethanol on modified OMS-2 catalysts. <i>Catalysis Today</i> , 2020, 357, 503-510.	4.4	12
25	The role of metal-support interaction in Ag/CeO <sub>2</sub> catalysts for CO and soot oxidation. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118148.	20.2	151
26	Ni/CeO <sub>2</sub> Nanoparticles Promoted by Yttrium Doping as Catalysts for CO <sub>2</sub> Methanation. <i>ACS Applied Nano Materials</i> , 2020, 3, 12355-12368.	5.0	29
27	Straightforward preparation of highly loaded MWCNT-polyamine hybrids and their application in catalysis. <i>Nanoscale Advances</i> , 2020, 2, 4199-4211.	4.6	8
28	Low Temperature Synthesis of Photocatalytic Mesoporous TiO <sub>2</sub> Nanomaterials. <i>Catalysts</i> , 2020, 10, 893.	3.5	15
29	New Mussel Inspired Polydopamine-Like Silica-Based Material for Dye Adsorption. <i>Nanomaterials</i> , 2020, 10, 1416.	4.1	6
30	Preparation, Characterization and Catalytic Activity in 2-Propanol Conversion of Potassium and Antimony Mixed Oxides. <i>Topics in Catalysis</i> , 2020, 63, 1388-1397.	2.8	6
31	Clarifying the Role of the Reducers-to-Oxidizers Ratio in the Solution Combustion Synthesis of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\lambda</math></sub> Oxygen Electrocatalysts. <i>Catalysts</i> , 2020, 10, 1465.	3.5	1
32	On-Demand Release of Protective Agents Triggered by Environmental Stimuli. <i>Frontiers in Chemistry</i> , 2020, 8, 304.	3.6	9
33	Room-Temperature Nitrophenol Reduction over Ag-CeO <sub>2</sub> Catalysts: The Role of Catalyst Preparation Method. <i>Catalysts</i> , 2020, 10, 580.	3.5	13
34	Paper Functionalized with Nanostructured TiO <sub>2</sub> /AgBr: Photocatalytic Degradation of 2-Propanol under Solar Light Irradiation and Antibacterial Activity. <i>Nanomaterials</i> , 2020, 10, 470.	4.1	15
35	Application of Potassium Ion Deposition in Determining the Impact of Support Reducibility on Catalytic Activity of Au/Ceria-Zirconia Catalysts in CO Oxidation, NO Oxidation, and C <sub>3</sub> H <sub>8</sub> Combustion. <i>Catalysts</i> , 2020, 10, 688.	3.5	6
36	Utilization of Waste Grooved Razor Shell (GRS) as a Catalyst in Biodiesel Production from Refined and Waste Cooking Oils. <i>Catalysts</i> , 2020, 10, 703.	3.5	15

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37	Complete Benzene Oxidation over Mono and Bimetallic Pd-Au Catalysts on Alumina-Supported Y-Doped Ceria. Applied Sciences (Switzerland), 2020, 10, 1088.	2.5	4
38	Keggin heteropolyacid supported on BN and C <sub>3</sub> N <sub>4</sub> : Comparison between catalytic and photocatalytic alcohol dehydration. Materials Science in Semiconductor Processing, 2020, 112, 104987.	4.0	12
39	Sucrose-Assisted Solution Combustion Synthesis of Doped Strontium Ferrate Perovskite-Type Electrocatalysts: Primary Role of the Secondary Fuel. Catalysts, 2020, 10, 134.	3.5	7
40	Design of Ag-CeO <sub>2</sub> /SiO <sub>2</sub> catalyst for oxidative dehydrogenation of ethanol: Control of Ag-CeO <sub>2</sub> interfacial interaction. Catalysis Today, 2019, 333, 2-9.	4.4	41
41	Front Cover Picture: SBA-15/POSS-Imidazolium Hybrid as Catalytic Nanoreactor: the role of the Support in the Stabilization of Palladium Species for C-C Cross Coupling Reactions. (Adv. Synth. Catal. 16/2019). Advanced Synthesis and Catalysis, 2019, 361, 3661-3661.	4.3	0
42	Local Structure of Supported Keggin and Wells-Dawson Heteropolyacids and Its Influence on the Catalytic Activity. Journal of Physical Chemistry C, 2019, 123, 19513-19527.	3.1	34
43	WO <sub>3</sub> -V <sub>2</sub> O <sub>5</sub> Active Oxides for NO <sub>x</sub> SCR by NH <sub>3</sub> : Preparation Methods, Catalysts' Composition, and Deactivation Mechanism-A Review. Catalysts, 2019, 9, 527.	3.5	32
44	Efficient Conversion of Carbon Dioxide by Imidazolium-Based Cross-Linked Nanostructures Containing Polyhedral Oligomeric Silsesquioxane (POSS) Building Blocks. ChemPlusChem, 2019, 84, 1536-1543.	2.8	15
45	Distribution of Relaxation Times and Equivalent Circuits Analysis of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> . Catalysts, 2019, 9, 441.	3.5	11
46	Au/Co promoted CeO <sub>2</sub> catalysts for formaldehyde total oxidation at ambient temperature: role of oxygen vacancies. Catalysis Science and Technology, 2019, 9, 3203-3213.	4.1	29
47	Sustainable Recycling of Insoluble Rust Waste for the Synthesis of Iron-Containing Perovskite-Type Catalysts. ACS Omega, 2019, 4, 6994-7004.	3.5	7
48	The Effect of Citric Acid Concentration on the Properties of LaMnO <sub>3</sub> as a Catalyst for Hydrocarbon Oxidation. Catalysts, 2019, 9, 226.	3.5	40
49	Templating effect of carbon nanoforms on highly cross-linked imidazolium network: Catalytic activity of the resulting hybrids with Pd nanoparticles. Applied Organometallic Chemistry, 2019, 33, e4848.	3.5	16
50	SBA-15/POSS-Imidazolium Hybrid as Catalytic Nanoreactor: the role of the Support in the Stabilization of Palladium Species for C-C Cross Coupling Reactions.. Advanced Synthesis and Catalysis, 2019, 361, 3758-3767.	4.3	14
51	Synthesis and mechanism investigation of wide-bandwidth Ni@MnO <sub>2</sub> NS foam microwave absorbent. Journal of Alloys and Compounds, 2019, 792, 945-952.	5.5	45
52	Bulk and Surface Characterization Techniques of TiO <sub>2</sub> and TiO <sub>2</sub> -Doped Oxides. , 2019, , 57-86.		2
53	Use of Zirconium Phosphate-Sulphate as Acid Catalyst for Synthesis of Glycerol-Based Fuel Additives. Catalysts, 2019, 9, 148.	3.5	20
54	Catalytic performance of modified Vermiculite-supported Nickel in Methane dry Reforming with carbon dioxide. , 2019, , .		0

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55	Supported Polyhedral Oligomeric Silsesquioxane-Based (POSS) Materials as Highly Active Organocatalysts for the Conversion of CO <sub>2</sub> . <i>ChemCatChem</i> , 2019, 11, 560-567.	3.7	49
56	Alumina supported Au/Y-doped ceria catalysts for pure hydrogen production via PROX. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 233-245.	7.1	27
57	Cross-Linked Polyamine from Imidazolium-Based Materials: A Simple Route to Useful Catalytic Materials. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1352-1358.	2.4	7
58	The Effect of Ni Doping on the Performance and Electronic Structure of LSCF Cathodes Used for IT-SOFCs. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1003-1013.	3.1	19
59	Paper-TiO <sub>2</sub> composite: An effective photocatalyst for 2-propanol degradation in gas phase. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 350, 142-151.	3.9	19
60	Low-temperature CO oxidation over Ag/SiO <sub>2</sub> catalysts: Effect of OH/Ag ratio. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 598-609.	20.2	83
61	New active meso-porous titania foam as size limiter for metal nanoparticles. <i>Journal of Alloys and Compounds</i> , 2018, 735, 1611-1619.	5.5	3
62	Temperature-programmed reduction of lightly yttrium-doped Au/CeO <sub>2</sub> catalysts. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 145-154.	3.6	15
63	Palladium nanoparticles immobilized on halloysite nanotubes covered by a multilayer network for catalytic applications. <i>New Journal of Chemistry</i> , 2018, 42, 13938-13947.	2.8	46
64	Effect of Y Modified Ceria Support in Mono and Bimetallic Pd-Au Catalysts for Complete Benzene Oxidation. <i>Catalysts</i> , 2018, 8, 283.	3.5	14
65	Ag/CeO <sub>2</sub> Composites for Catalytic Abatement of CO, Soot and VOCs. <i>Catalysts</i> , 2018, 8, 285.	3.5	65
66	La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.79</sub> M <sub>0.01</sub> O <sub>3-δ</sub> (M = Ni, Pd) perovskites synthesized by Citrate-EDTA method: Oxygen vacancies effect on electrochemical properties. <i>Advanced Powder Technology</i> , 2018, 29, 2804-2812.	4.1	11
67	Syngas production from dry reforming of methane over ni/perlite catalysts: Effect of zirconia and ceria impregnation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 17142-17155.	7.1	36
68	Imidazolium-Functionalized Carbon Nanohorns for the Conversion of Carbon Dioxide: Unprecedented Increase of Catalytic Activity after Recycling. <i>ChemSusChem</i> , 2017, 10, 1202-1209.	6.8	55
69	Glycerol Acetylation over Organic-Inorganic Sulfonic or Phosphonic Silica Catalysts. <i>ChemistrySelect</i> , 2017, 2, 4934-4941.	1.5	11
70	Hydrogen production on Ni loaded apatite-like oxide synthesized by dissolution-precipitation of natural phosphate. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19458-19466.	7.1	9
71	A Special Section on Nanomaterials for Environmental Catalysis and Energy Production. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3629-3631.	0.9	1
72	Manganese oxide-based catalysts for toluene oxidation. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 689-700.	20.2	164

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73	Improved (Photo)catalytic Propene Hydration in a Gas/Solid System by Using Heteropolyacid/Oxide Composites: Electron Paramagnetic Resonance, Acidity, and Role of Water. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1900-1907.	2.0	7
74	Infiltration, Overpotential and Ageing Effects on Cathodes for Solid Oxide Fuel Cells: $\text{La}_{0.6}\text{Sr}_{0.4}\text{Co}_{0.2}\text{Fe}_{0.8}\text{O}_{3-\lambda}$ versus $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{3-\lambda}$ . <i>Journal of the Electrochemical Society</i> , 2017, 164, F3114-F3122.	2.9	36
75	Production of biodiesel at small-scale (10ÅL) for local power generation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 8914-8921.	7.1	14
76	Structural and surface properties of heterogeneous catalysts: Nature of the oxide carrier and supported particle size effects. <i>Catalysis Today</i> , 2017, 285, 114-124.	4.4	20
77	Controllable and Large-Scale Synthesis of Carbon Nanostructures: A Review on Bamboo-Like Nanotubes. <i>Catalysts</i> , 2017, 7, 256.	3.5	47
78	Green Cleaning Procedures Based on Titania-Doped Cotton Textiles: Effect of Titania Textural Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3842-3847.	0.9	2
79	Influence of Thermal Treatments on the Reducibility and Catalytic Properties of Pd Supported Over $\text{Ce}_{0.6}\text{Zr}_{0.4}\text{O}_x/\text{SiO}_2$ and $\text{Ce}_{0.73}\text{Tb}_{0.27}\text{O}_x/\text{SiO}_2$ for Methane Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3864-3872.	0.9	0
80	Acetylation of Glycerol over Mixed Zirconium Phosphate- Sulphate Catalysts. , 2017, , .		0
81	In-Situ Three-steps Method for Biodiesel Synthesis from Acidified Waste Cooking Oil. , 2017, , .		0
82	Gold Catalysts on Y-Doped Ceria Supports for Complete Benzene Oxidation. <i>Catalysts</i> , 2016, 6, 99.	3.5	11
83	Hydrogen production on Ni loaded apatite synthesized by dissolution-precipitation of Moroccan natural phosphate. , 2016, , .		0
84	First Principles Modeling of Pd-doped $(\text{La,Sr})(\text{Co,Fe})\text{O}_3$ Complex Perovskites. <i>Fuel Cells</i> , 2016, 16, 267-271.	2.4	5
85	Small scale biodiesel synthesis from waste frying oil and crude methanol in Morocco. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 1178-1185.	3.5	7
86	Hybrid paper $\text{TiO}_2$ coupled with a $\text{Cu}_2\text{O}$ heterojunction: an efficient photocatalyst under sun-light irradiation. <i>RSC Advances</i> , 2016, 6, 86918-86929.	3.6	12
87	Enhanced (photo)catalytic activity of Wells-Dawson (H6P2W18O62) in comparison to Keggin (H3PW12O40) heteropolyacids for 2-propanol dehydration in gas-solid regime. <i>Applied Catalysis A: General</i> , 2016, 528, 113-122.	4.3	23
88	Supported $\text{C}_{60}$ -IL-PdNPs as extremely active nanocatalysts for C-C cross-coupling reactions. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17193-17206.	10.3	28
89	Highly Loaded Multi-walled Carbon Nanotubes Non-covalently Modified with a Bis-imidazolium Salt and their Use as Catalyst Supports. <i>ChemPlusChem</i> , 2016, 81, 471-476.	2.8	15
90	Hydroconversion of paraffinic wax over platinum and palladium catalysts supported on silica-alumina. <i>Catalysis Today</i> , 2016, 275, 141-148.	4.4	25

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91	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
92	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
93	Electrochemical properties of Ce-doped SrFeO <sub>3</sub> perovskites-modified electrodes towards hydrogen peroxide oxidation. Electrochimica Acta, 2016, 190, 939-947.	5.2	58
94	Direct methane oxidation on La <sub>1-x</sub> Sr <sub>x</sub> Cr <sub>1-y</sub> Fe <sub>y</sub> O <sub>3</sub> perovskite-type oxides as potential anode for intermediate temperature solid oxide fuel cells. Applied Catalysis B: Environmental, 2016, 180, 424-433.	20.2	42
95	Experimental optimization of biodiesel production from Moroccan used frying oil. , 2015, , .		0
96	Catalytic Oxidation of Propene over Pd Catalysts Supported on CeO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> and M/Al <sub>2</sub> O <sub>3</sub> Oxides (M = Ce, Ti, Fe, Mn). Catalysts, 2015, 5, 671-689.	3.5	71
97	B-Site Metal (Pd, Pt, Ag, Cu, Zn, Ni) Promoted La <sub>1-x</sub> Sr <sub>x</sub> Co <sub>1-y</sub> Fe <sub>y</sub> O <sub>3</sub> Perovskite Oxides as Cathodes for IT-SOFCs. Catalysts, 2015, 5, 366-391.	3.5	48
98	Co <sub>3</sub> O <sub>4</sub> particles grown over nanocrystalline CeO <sub>2</sub> : 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
99	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
100	Fullerene-ionic liquid conjugates: A new class of hybrid materials with unprecedented properties. Chemistry - A European Journal, 2015, 21, 3327-3334.	3.3	40
101	La <sub>0.6</sub> Sr <sub>0.4</sub> FeO <sub>3</sub> and La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3</sub> Perovskite Materials for H <sub>2</sub> O and Glucose Electrochemical Sensors. Electroanalysis, 2015, 27, 684-692.	2.9	35
102	Cu on amorphous AlPO <sub>4</sub> : Preparation, characterization and catalytic activity in NO reduction by CO in presence of oxygen. Catalysis Today, 2015, 241, 151-158.	4.4	50
103	La <sub>1-x</sub> Sr <sub>x</sub> Co <sub>1-y</sub> Fe <sub>y</sub> O <sub>3</sub> perovskites: Preparation, characterization and solar photocatalytic activity. Applied Catalysis B: Environmental, 2015, 178, 218-225.	20.2	53
104	New Trends in Gold Catalysts. Catalysts, 2014, 4, 299-304.	3.5	8
105	Palladium local structure of La <sub>1-x</sub> Sr <sub>x</sub> Co <sub>1-y</sub> Fe <sub>y</sub> 0.03Pd <sub>0.03</sub> O <sub>3</sub> perovskites synthesized using a one pot citrate method. Physical Chemistry Chemical Physics, 2014, 16, 22677-22686.	2.8	39
106	Cyclodextrin-calixarene co-polymers as a new class of nanosponges. Polymer Chemistry, 2014, 5, 4499-4510.	3.9	58
107	Bi- and trimetallic Ni catalysts over Al <sub>2</sub> O <sub>3</sub> and Al <sub>2</sub> O <sub>3</sub> -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
108	Effect of metal loading on activity, selectivity and deactivation behavior of Pd/silica-alumina catalysts in the hydroconversion of n-hexadecane. Catalysis Today, 2014, 223, 87-96.	4.4	52

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109	Hydroconversion of n-hexadecane on Pt/silica-alumina catalysts: Effect of metal loading and support acidity on bifunctional and hydrogenolytic activity. <i>Applied Catalysis A: General</i> , 2014, 469, 328-339.	4.3	50
110	CERIA-BASED CATALYSTS FOR AIR POLLUTION ABATEMENT. <i>Catalytic Science Series</i> , 2013, , 813-879.	0.0	0
111	Keggin heteropolyacid H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> supported on different oxides for catalytic and catalytic photo-assisted propene hydration. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13329.	2.8	69
112	Co <sub>3</sub> O <sub>4</sub> nanocrystals and Co <sub>3</sub> O <sub>4</sub> –MO <sub>x</sub> binary oxides for CO, CH <sub>4</sub> and VOC oxidation at low temperatures: a review. <i>Catalysis Science and Technology</i> , 2013, 3, 3085.	4.1	318
113	One-pot microwave assisted catalytic transformation of vegetable oil into glycerol-free biodiesel. <i>Fuel</i> , 2013, 113, 707-711.	6.4	23
114	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. <i>Materials for Renewable and Sustainable Energy</i> , 2013, 2, 1.	3.6	36
115	Screening of different solid acid catalysts for glycerol acetylation. <i>Journal of Molecular Catalysis A</i> , 2013, 367, 69-76.	4.8	84
116	Sol-derived AuNi/MgAl <sub>2</sub> O <sub>4</sub> catalysts: Formation, structure and activity in dry reforming of methane. <i>Applied Catalysis A: General</i> , 2013, 468, 250-259.	4.3	45
117	Characterization and performance of the bifunctional platinum-loaded calcium-hydroxyapatite in the one-step synthesis of methyl isobutyl ketone. <i>Journal of Molecular Catalysis A</i> , 2013, 377, 42-50.	4.8	23
118	Ni-Based Catalysts for Low Temperature Methane Steam Reforming: Recent Results on Ni-Au and Comparison with Other Bi-Metallic Systems. <i>Catalysts</i> , 2013, 3, 563-583.	3.5	137
119	Mesoporous Silica Based Gold Catalysts: Novel Synthesis and Application in Catalytic Oxidation of CO and Volatile Organic Compounds (VOCs). <i>Catalysts</i> , 2013, 3, 774-793.	3.5	28
120	Effect of Ti and Al addition via direct synthesis to SBA-15 as support for cobalt based Fischer-Tropsch catalysts. <i>Applied Catalysis A: General</i> , 2012, 443-444, 76-86.	4.3	30
121	Co/SiO <sub>2</sub> catalysts for Fischer–Tropsch synthesis; effect of Co loading and support modification by TiO <sub>2</sub> . <i>Catalysis Today</i> , 2012, 197, 18-23.	4.4	35
122	Structure of the Metal–Support Interface and Oxidation State of Gold Nanoparticles Supported on Ceria. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2960-2966.	3.1	44
123	Supported gold catalysts for the total oxidation of volatile organic compounds. <i>Applied Catalysis B: Environmental</i> , 2012, 125, 222-246.	20.2	289
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