

SÃ³nia A C Carabineiro

List of Publications by Year in descending order

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193
papers

8,612
citations

41258

49
h-index

53109

85
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210
all docs

210
docs citations

210
times ranked

10106
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of high-quality forest wood biomass using artificial intelligence to control thermal modification. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 1731-1747.	2.9	0
2	Chicken feathers derived materials for the removal of chromium from aqueous solutions: kinetics, isotherms, thermodynamics and regeneration studies. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 446-460.	1.3	9
3	Synthesis, characterization and antibacterial activity of a graphene oxide based NiO and starch composite material. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 559-571.	1.3	2
4	Multifunctional hybrid membranes for photocatalytic and adsorptive removal of water contaminants of emerging concern. <i>Chemosphere</i> , 2022, 293, 133548.	4.2	14
5	Commercial Gold Complexes Supported on Functionalised Carbon Materials as Efficient Catalysts for the Direct Oxidation of Ethane to Acetic Acid. <i>Catalysts</i> , 2022, 12, 165.	1.6	0
6	Construction of Ag ⁺ -Bridged Zn ²⁺ Scheme LaFe _{0.5} Co _{0.5} O ₃ /Ag ₁₀ /Graphitic Carbon Nitride Heterojunctions for Photo-Fenton Degradation of Tetracycline Hydrochloride: Interfacial Electron Effect and Reaction Mechanism. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	9
7	Templated Synthesis of Mesoporous Co ₃ O ₄ Nanostructures for the Liquid-Phase Aerobic Oxidation of Benzyl Alcohol to Benzaldehyde. <i>ACS Applied Nano Materials</i> , 2022, 5, 3722-3732.	2.4	8
8	Selective etching of in-situ formed La ₂ O ₃ particles to prepare porous LaCoO ₃ perovskite for catalytic combustion of ethyl acetate. <i>Applied Catalysis A: General</i> , 2022, 635, 118554.	2.2	8
9	Heterogeneous Gold Nanoparticle-Based Catalysts for the Synthesis of Click-Derived Triazoles via the Azide-Alkyne Cycloaddition Reaction. <i>Catalysts</i> , 2022, 12, 45.	1.6	12
10	Immobilization and Characterization of L-Asparaginase over Carbon Xerogels. <i>BioTech</i> , 2022, 11, 10.	1.3	4
11	Oxygen vacancies-induced photoreactivity enhancement of TiO ₂ mesocrystals towards acetone oxidation. <i>Applied Surface Science</i> , 2022, 594, 153519.	3.1	16
12	Research progress in metal sulfides for photocatalysis: From activity to stability. <i>Chemosphere</i> , 2022, 303, 135085.	4.2	46
13	Liquid-phase oxidation of betulin over supported Ag NPs catalysts: Kinetic regularities, catalyst deactivation and reactivation. <i>Molecular Catalysis</i> , 2022, 528, 112461.	1.0	3
14	Catalytic oxidative transformation of betulin to its valuable oxo-derivatives over gold supported catalysts: Effect of support nature. <i>Catalysis Today</i> , 2021, 367, 95-110.	2.2	8
15	Control of surface functionalization of graphene-metal oxide polymer nanocomposites prepared by a hydrothermal method. <i>Polymer Bulletin</i> , 2021, 78, 4665-4683.	1.7	5
16	Kinetics of Carbon Nanotubes and Graphene Growth on Iron and Steel: Evidencing the Mechanisms of Carbon Formation. <i>Nanomaterials</i> , 2021, 11, 143.	1.9	8
17	Oxidation of 5-Hydroxymethylfurfural on Supported Ag, Au, Pd and Bimetallic Pd-Au Catalysts: Effect of the Support. <i>Catalysts</i> , 2021, 11, 115.	1.6	20
18	The Catalytic Activity of Carbon-Supported Cu(I)-Phosphine Complexes for the Microwave-Assisted Synthesis of 1,2,3-Triazoles. <i>Catalysts</i> , 2021, 11, 185.	1.6	17

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19	Effect of alkali (Cs) doping on the surface chemistry and CO ₂ hydrogenation performance of CuO/CeO ₂ catalysts. <i>Journal of CO₂ Utilization</i> , 2021, 44, 101408.	3.3	26
20	Supported Silver Nanoparticles as Catalysts for Liquid-Phase Betulin Oxidation. <i>Nanomaterials</i> , 2021, 11, 469.	1.9	3
21	Methionine-Functionalized Graphene Oxide/Sodium Alginate Bio-Polymer Nanocomposite Hydrogel Beads: Synthesis, Isotherm and Kinetic Studies for an Adsorptive Removal of Fluoroquinolone Antibiotics. <i>Nanomaterials</i> , 2021, 11, 568.	1.9	40
22	Green Chemistry and Environmental Processes. <i>Catalysts</i> , 2021, 11, 643.	1.6	0
23	Calcium Alginate Beads with Entrapped Iron Oxide Magnetic Nanoparticles Functionalized with Methionine – A Versatile Adsorbent for Arsenic Removal. <i>Nanomaterials</i> , 2021, 11, 1345.	1.9	17
24	Adsorption of cationic dyes, drugs and metal from aqueous solutions using a polymer composite of magnetic/β ² -cyclodextrin/activated charcoal/Na alginate: Isotherm, kinetics and regeneration studies. <i>Journal of Hazardous Materials</i> , 2021, 409, 124840.	6.5	150
25	Oxido- and Dioxido-Vanadium(V) Complexes Supported on Carbon Materials: Reusable Catalysts for the Oxidation of Cyclohexane. <i>Nanomaterials</i> , 2021, 11, 1456.	1.9	7
26	Shape Effects of Ceria Nanoparticles on the Water–Gas Shift Performance of CuO _x /CeO ₂ Catalysts. <i>Catalysts</i> , 2021, 11, 753.	1.6	12
27	Effect of the Metal Deposition Order on Structural, Electronic and Catalytic Properties of TiO ₂ -Supported Bimetallic Au-Ag Catalysts in 1-Octanol Selective Oxidation. <i>Catalysts</i> , 2021, 11, 799.	1.6	1
28	Solochrome Dark Blue Azo Dye Removal by Sonophotocatalysis Using Mn ²⁺ Doped ZnS Quantum Dots. <i>Catalysts</i> , 2021, 11, 1025.	1.6	10
29	Synthesis of a Novel Series of Cu(I) Complexes Bearing Alkylated 1,3,5-Triaza-7-phosphaadamantane as Homogeneous and Carbon-Supported Catalysts for the Synthesis of 1- and 2-Substituted-1,2,3-triazoles. <i>Nanomaterials</i> , 2021, 11, 2702.	1.9	15
30	Determination of the Chemical Composition of Eucalyptus spp. for Cellulosic Pulp Production. <i>Forests</i> , 2021, 12, 1649.	0.9	10
31	Gold Compounds Inhibit the Ca ²⁺ -ATPase Activity of Brain PMCA and Human Neuroblastoma SH-SY5Y Cells and Decrease Cell Viability. <i>Metals</i> , 2021, 11, 1934.	1.0	7
32	Removal of Hydrophobic Contaminants from the Soil by Adsorption onto Carbon Materials and Microbial Degradation. <i>Journal of Carbon Research</i> , 2021, 7, 83.	1.4	9
33	Solvent-free oxidation of 1-phenylethanol catalysed by gold nanoparticles supported on carbon powder materials. <i>Catalysis Today</i> , 2020, 357, 22-31.	2.2	7
34	Commercial gold(III) complex supported on functionalized carbon materials as catalyst for cyclohexane hydrocarboxylation. <i>Catalysis Today</i> , 2020, 357, 39-45.	2.2	5
35	Hydroaminomethylation reaction as powerful tool for preparation of rhodium/phosphine-functionalized nanomaterials. Catalytic evaluation in styrene hydroformylation. <i>Catalysis Today</i> , 2020, 356, 456-463.	2.2	6
36	Three in one: atomically dispersed Na boosting the photoreactivity of carbon nitride towards NO oxidation. <i>Chemical Communications</i> , 2020, 56, 14195-14198.	2.2	64

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37	Poly(vinylidene) fluoride membranes coated by heparin/collagen layer-by-layer, smart biomimetic approaches for mesenchymal stem cell culture. <i>Materials Science and Engineering C</i> , 2020, 117, 111281.	3.8	22
38	2D g-C3N4 for advancement of photo-generated carrier dynamics: Status and challenges. <i>Materials Today</i> , 2020, 41, 270-303.	8.3	214
39	Glycerol Oxidation over Supported Gold Catalysts: The Combined Effect of Au Particle Size and Basicity of Support. <i>Processes</i> , 2020, 8, 1016.	1.3	8
40	Porphyrinâ€“Nanodiamond Hybrid Materialsâ€“Active, Stable and Reusable Cyclohexene Oxidation Catalysts. <i>Catalysts</i> , 2020, 10, 1402.	1.6	9
41	Mechanisms of Carbon Nanotubes and Graphene Growth: Kinetics versus Thermodynamics. <i>Journal of Carbon Research</i> , 2020, 6, 67.	1.4	2
42	Remarkable efficiency of Ni supported on hydrothermally synthesized CeO2 nanorods for low-temperature CO2 hydrogenation to methane. <i>Catalysis Communications</i> , 2020, 142, 106036.	1.6	41
43	Carbon Formation at High Temperatures (550â€“1400 Â°C): Kinetics, Alternative Mechanisms and Growth Modes. <i>Catalysts</i> , 2020, 10, 465.	1.6	7
44	Intensified elimination of aqueous heavy metal ions using chicken feathers chemically modified by a batch method. <i>Journal of Molecular Liquids</i> , 2020, 312, 113475.	2.3	24
45	Effect of Gold Electronic State on the Catalytic Performance of Nano Gold Catalysts in n-Octanol Oxidation. <i>Nanomaterials</i> , 2020, 10, 880.	1.9	11
46	Catalytic Properties of Graphene Oxide Synthesized by a â€œGreenâ€•Process for Efficient Abatement of Auramine-O Cationic Dye. <i>Analytical Chemistry Letters</i> , 2020, 10, 21-32.	0.4	11
47	One-pot synthesis of Laâ€“Feâ€“O@CN composites as photo-Fenton catalysts for highly efficient removal of organic dyes in wastewater. <i>Ceramics International</i> , 2020, 46, 10740-10747.	2.3	12
48	Cationic Dye Removal Using Novel Magnetic/Activated Charcoal/Î²-Cyclodextrin/Alginate Polymer Nanocomposite. <i>Nanomaterials</i> , 2020, 10, 170.	1.9	116
49	Supported Gold Nanoparticles as Catalysts in Peroxidative and Aerobic Oxidation of 1-Phenylethanol under Mild Conditions. <i>Nanomaterials</i> , 2020, 10, 151.	1.9	7
50	Chloramine-T/N-Bromosuccinimide/FeCl3/KIO3 Decorated Graphene Oxide Nanosheets and Their Antibacterial Activity. <i>Nanomaterials</i> , 2020, 10, 105.	1.9	18
51	Explaining Bamboo-Like Carbon Fiber Growth Mechanism: Catalyst Shape Adjustments above Tammann Temperature. <i>Journal of Carbon Research</i> , 2020, 6, 18.	1.4	11
52	Morphology Dependence Degradation of Electro- and Magnetoactive Poly(3-hydroxybutyrate-co-hydroxyvalerate) for Tissue Engineering Applications. <i>Polymers</i> , 2020, 12, 953.	2.0	18
53	Antimicrobial and Antibiofilm Properties of Fluorinated Polymers with Embedded Functionalized Nanodiamonds. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5014-5024.	2.0	11
54	The Ca2+-ATPase Inhibition Potential of Gold(I, III) Compounds. <i>Inorganics</i> , 2020, 8, 49.	1.2	8

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55	Assessing the Photocatalytic Degradation of Fluoroquinolone Norfloxacin by Mn:ZnS Quantum Dots: Kinetic Study, Degradation Pathway and Influencing Factors. <i>Nanomaterials</i> , 2020, 10, 964.	1.9	37
56	Selective Spectrophotometric Method for the Determination of Mercury(II) in Water Samples. <i>Analytical Chemistry Letters</i> , 2020, 10, 654-666.	0.4	0
57	Supported Gold Nanoparticles as Catalysts for the Oxidation of Alcohols and Alkanes. <i>Frontiers in Chemistry</i> , 2019, 7, 702.	1.8	77
58	Wastewater Treatment by Catalytic Wet Peroxidation Using Nano Gold-Based Catalysts: A Review. <i>Catalysts</i> , 2019, 9, 478.	1.6	16
59	Oxidation of a wood extractive betulin to biologically active oxo-derivatives using supported gold catalysts. <i>Green Chemistry</i> , 2019, 21, 3370-3382.	4.6	11
60	Facet-Dependent Reactivity of Fe ₂ O ₃ /CeO ₂ Nanocomposites: Effect of Ceria Morphology on CO Oxidation. <i>Catalysts</i> , 2019, 9, 371.	1.6	58
61	Green Oxidation of <i>n</i> -Octanol on Supported Nanogold Catalysts: Formation of Gold Active Sites under Combined Effect of Gold Content, Additive Nature and Redox Pretreatment. <i>ChemCatChem</i> , 2019, 11, 1549-1549.	1.8	0
62	Ceria Nanoparticlesâ€™ Morphological Effects on the N ₂ O Decomposition Performance of Co ₃ O ₄ /CeO ₂ Mixed Oxides. <i>Catalysts</i> , 2019, 9, 233.	1.6	16
63	Surface wettability modification of poly(vinylidene fluoride) and copolymer films and membranes by plasma treatment. <i>Polymer</i> , 2019, 169, 138-147.	1.8	51
64	Highly Sensitive Piezoresistive Graphene-Based Stretchable Composites for Sensing Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46286-46295.	4.0	50
65	CO ₂ Hydrogenation over Nanoceria-Supported Transition Metal Catalysts: Role of Ceria Morphology (Nanorods versus Nanocubes) and Active Phase Nature (Co versus Cu). <i>Nanomaterials</i> , 2019, 9, 1739.	1.9	45
66	Green Oxidation of <i>n</i> -Octanol on Supported Nanogold Catalysts: Formation of Gold Active Sites under Combined Effect of Gold Content, Additive Nature and Redox Pretreatment. <i>ChemCatChem</i> , 2019, 11, 1615-1624.	1.8	16
67	Optimization of N ₂ O decomposition activity of CuOâ€“CeO ₂ mixed oxides by means of synthesis procedure and alkali (Cs) promotion. <i>Catalysis Science and Technology</i> , 2018, 8, 2312-2322.	2.1	32
68	Ceria nanoparticles shape effects on the structural defects and surface chemistry: Implications in CO oxidation by Cu/CeO ₂ catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 18-28.	10.8	359
69	Heterogenized Câ€šScorpionate Iron(II) Complex on Nanostructured Carbon Materials as Recyclable Catalysts for Microwaveâ€šAssisted Oxidation Reactions. <i>ChemCatChem</i> , 2018, 10, 1821-1828.	1.8	35
70	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1804-1813.	1.8	25
71	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1661-1662.	1.8	0
72	Dyeâ€šcontaining wastewater treatment by photoâ€šassisted wet peroxidation using Au nanosized catalysts. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 3223-3232.	1.6	7

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73	Photocatalytic activity of functionalized nanodiamond-TiO ₂ composites towards water pollutants degradation under UV/Vis irradiation. <i>Applied Surface Science</i> , 2018, 458, 839-848.	3.1	38
74	Catalytic carbon gasification: Understanding catalyst-carbon contact and rate jump behavior with air. <i>Fuel Processing Technology</i> , 2018, 179, 313-318.	3.7	5
75	Wet peroxide oxidation of dye-containing wastewaters using nanosized Au supported on Al ₂ O ₃ . <i>Catalysis Today</i> , 2017, 280, 165-175.	2.2	25
76	Orange II Degradation by Wet Peroxide Oxidation Using Au Nanosized Catalysts: Effect of the Support. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 1988-1998.	1.8	6
77	Effect of mesoporous g-C ₃ N ₄ substrate on catalytic oxidation of CO over Co ₃ O ₄ . <i>Applied Surface Science</i> , 2017, 401, 333-340.	3.1	63
78	Effect of cobalt loading on the solid state properties and ethyl acetate oxidation performance of cobalt-cerium mixed oxides. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 141-149.	5.0	64
79	Solid-supported nitrogen acyclic carbene (SNAC) complexes of gold: Preparation and catalytic activity. <i>Journal of Catalysis</i> , 2017, 350, 97-102.	3.1	35
80	Supported Calcium Scorpionate Vanadium(IV) Complexes as Reusable Catalysts for Xylene Oxidation. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1915-1919.	1.7	23
81	Highly active and stable TiO ₂ -supported Au nanoparticles for CO ₂ reduction. <i>Catalysis Communications</i> , 2017, 98, 52-56.	1.6	29
82	Carbon dioxide hydrogenation over supported Au nanoparticles: Effect of the support. <i>Journal of CO₂ Utilization</i> , 2017, 19, 247-256.	3.3	57
83	Catalytic decomposition of N ₂ O on inorganic oxides: Effect of doping with Au nanoparticles. <i>Molecular Catalysis</i> , 2017, 436, 78-89.	1.0	22
84	Lanthanide metal organic frameworks based on dicarboxyl-functionalized arylhydrazone of barbituric acid: syntheses, structures, luminescence and catalytic cyanosilylation of aldehydes. <i>Dalton Transactions</i> , 2017, 46, 8649-8657.	1.6	55
85	Photocatalytic degradation of recalcitrant micropollutants by reusable Fe ₃ O ₄ /SiO ₂ /TiO ₂ particles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 345, 27-35.	2.0	52
86	Supported Gold Nanoparticles as Reusable Catalysts for Oxidation Reactions of Industrial Significance. <i>ChemCatChem</i> , 2017, 9, 1211-1221.	1.8	44
87	Nanodiamonds/poly(vinylidene fluoride) composites for tissue engineering applications. <i>Composites Part B: Engineering</i> , 2017, 111, 37-44.	5.9	52
88	Gold nanoparticles deposited on surface modified carbon materials as reusable catalysts for hydrocarboxylation of cyclohexane. <i>Applied Catalysis A: General</i> , 2017, 547, 124-131.	2.2	25
89	Boron doped graphitic carbon nitride with acid-base duality for cycloaddition of carbon dioxide to epoxide under solvent-free condition. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 92-100.	10.8	150
90	High-performance graphene-based carbon nanofiller/polymer composites for piezoresistive sensor applications. <i>Composites Science and Technology</i> , 2017, 153, 241-252.	3.8	86

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91	Volatile organic compounds abatement over copper-based catalysts: Effect of support. <i>Inorganica Chimica Acta</i> , 2017, 455, 473-482.	1.2	33
92	Gold Nanoparticles Deposited on Surface Modified Carbon Xerogels as Reusable Catalysts for Cyclohexane C-H Activation in the Presence of CO and Water. <i>Molecules</i> , 2017, 22, 603.	1.7	21
93	Applications of Gold Nanoparticles in Nanomedicine: Recent Advances in Vaccines. <i>Molecules</i> , 2017, 22, 857.	1.7	95
94	Impact of the synthesis parameters on the solid state properties and the CO oxidation performance of ceria nanoparticles. <i>RSC Advances</i> , 2017, 7, 6160-6169.	1.7	67
95	Ethyl Acetate Abatement on Copper Catalysts Supported on Ceria Doped with Rare Earth Oxides. <i>Molecules</i> , 2016, 21, 644.	1.7	29
96	Kinetics and mechanism of catalytic carbon gasification. <i>Fuel</i> , 2016, 183, 457-469.	3.4	64
97	Oxidovanadium(V) Complexes Anchored on Carbon Materials as Catalysts for the Oxidation of 1-Phenylethanol. <i>ChemCatChem</i> , 2016, 8, 2254-2266.	1.8	46
98	Highly efficient and reusable CNT supported iron(II) catalyst for microwave assisted alcohol oxidation. <i>Dalton Transactions</i> , 2016, 45, 6816-6819.	1.6	46
99	Ciprofloxacin wastewater treated by UVA photocatalysis: contribution of irradiated TiO ₂ and ZnO nanoparticles on the final toxicity as assessed by <i>Vibrio fischeri</i> . <i>RSC Advances</i> , 2016, 6, 95494-95503.	1.7	59
100	CO oxidation over gold supported on Cs, Li and Ti-doped cryptomelane materials. <i>Journal of Colloid and Interface Science</i> , 2016, 480, 17-29.	5.0	15
101	Understanding the Reactions of CO ₂ , NO, and N ₂ O with Activated Carbon Catalyzed by Binary Mixtures. <i>Energy & Fuels</i> , 2016, 30, 6881-6891.	2.5	9
102	Aerobic selective oxidation of alcohols using La ³⁺ Ce CoO ₃ perovskite catalysts. <i>Journal of Catalysis</i> , 2016, 340, 41-48.	3.1	65
103	Application of Au/TiO ₂ catalysts in the low-temperature water-gas shift reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4670-4681.	3.8	35
104	Superhydrophilic poly(L-lactic acid) electrospun membranes for biomedical applications obtained by argon and oxygen plasma treatment. <i>Applied Surface Science</i> , 2016, 371, 74-82.	3.1	44
105	Photocatalytic performance of Au/ZnO nanocatalysts for hydrogen production from ethanol. <i>Applied Catalysis A: General</i> , 2016, 518, 198-205.	2.2	50
106	BINOL Immobilized onto Multiwalled Carbon Nanotubes through Covalent Linkage: A New Approach for Hybrid Nanomaterials Characterization. <i>ChemNanoMat</i> , 2015, 1, 178-187.	1.5	5
107	The use of nanodiamonds in the seeding of CVD diamond and in heterogeneous catalysis. , 2015, , .		1
108	Nanodiamond-TiO ₂ composites for photocatalytic degradation of microcystin-LA in aqueous solutions under simulated solar light. <i>RSC Advances</i> , 2015, 5, 58363-58370.	1.7	39

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109	Influence of oxygen plasma treatment parameters on poly(vinylidene fluoride) electrospun fiber mats wettability. <i>Progress in Organic Coatings</i> , 2015, 85, 151-158.	1.9	79
110	Surface and redox properties of cobaltâ€ceria binary oxides: On the effect of Co content and pretreatment conditions. <i>Applied Surface Science</i> , 2015, 341, 48-54.	3.1	95
111	Effect of preparation method on the solid state properties and the deN₂O performance of CuOâ€CeO₂ oxides. <i>Catalysis Science and Technology</i> , 2015, 5, 3714-3727.	2.1	88
112	Nickel(II) complexes of bidentate Nâ€Nâ€² ligands containing mixed pyrazole, pyrimidine and pyridine aromatic rings as catalysts for ethylene polymerisation. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 90-98.	0.8	12
113	Catalytic oxidation of toluene on Ceâ€Co and Laâ€Co mixed oxides synthesized by exotemplating and evaporation methods. <i>Catalysis Today</i> , 2015, 244, 161-171.	2.2	129
114	Gold supported on metal oxides for volatile organic compounds total oxidation. <i>Catalysis Today</i> , 2015, 244, 103-114.	2.2	99
115	Catalytic oxidation of ethyl acetate on cerium-containing mixed oxides. <i>Applied Catalysis A: General</i> , 2014, 472, 101-112.	2.2	58
116	Effect of the preparation method on the catalytic activity and stability of Au/Fe ₂ O ₃ catalysts in the low-temperature waterâ€gas shift reaction. <i>Applied Catalysis A: General</i> , 2014, 470, 45-55.	2.2	45
117	Catalytic oxidation of ethyl acetate over La-Co and La-Cu oxides. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 344-355.	3.3	37
118	Stabilized gold on cerium-modified cryptomelane: Highly active in low-temperature CO oxidation. <i>Journal of Catalysis</i> , 2014, 309, 58-65.	3.1	83
119	Highly active phosphite gold(i) catalysts for intramolecular hydroalkoxylation, enyne cyclization and furanyne cyclization. <i>Chemical Communications</i> , 2014, 50, 4937.	2.2	143
120	Graphitic Carbon Nitride: Synthesis, Properties, and Applications in Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16449-16465.	4.0	1,018
121	Developing highly active photocatalysts: Gold-loaded ZnO for solar phenol oxidation. <i>Journal of Catalysis</i> , 2014, 316, 182-190.	3.1	65
122	Organogold Complexesâ€”An Important Role in Homogenous Catalysis and a Golden Future as Heterogenized (Hybrid) Materials. , 2013, , 105-121.		1
123	Nanodiamondâ€TiO₂ Composites for Heterogeneous Photocatalysis. <i>ChemPlusChem</i> , 2013, 78, 801-807.	1.3	33
124	Gold nanoparticles supported on carbon materials for cyclohexane oxidation with hydrogen peroxide. <i>Applied Catalysis A: General</i> , 2013, 467, 279-290.	2.2	93
125	Heterogenisation of a Câ€Scorpionate Fe^{II} Complex on Carbon Materials for Cyclohexane Oxidation with Hydrogen Peroxide. <i>ChemCatChem</i> , 2013, 5, 3847-3856.	1.8	80
126	Redox properties and VOC oxidation activity of Cu catalysts supported on Ce1â€xSmxOâ€™ mixed oxides. <i>Journal of Hazardous Materials</i> , 2013, 261, 512-521.	6.5	92

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127	Homogeneous and heterogenised new gold C-scorpionate complexes as catalysts for cyclohexane oxidation. <i>Catalysis Science and Technology</i> , 2013, 3, 3056.	2.1	91
128	Nanoparticle Size and Concentration Dependence of the Electroactive Phase Content and Electrical and Optical Properties of Ag/Poly(vinylidene fluoride) Composites. <i>ChemPhysChem</i> , 2013, 14, 1926-1933.	1.0	54
129	Nanodiamond-TiO ₂ Composites for Heterogeneous Photocatalysis. <i>ChemPlusChem</i> , 2013, 78, 750-750.	1.3	6
130	Exotemplated copper, cobalt, iron, lanthanum and nickel oxides for catalytic oxidation of ethyl acetate. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 795-804.	3.3	39
131	The role of nanogold in human tropical diseases: research, detection and therapy. <i>Gold Bulletin</i> , 2013, 46, 65-79.	1.1	4
132	Cover Picture: Nanodiamond-TiO ₂ Composites for Heterogeneous Photocatalysis (<i>ChemPlusChem</i> 8/2013). <i>ChemPlusChem</i> , 2013, 78, 749-749.	1.3	0
133	The effect of nanotube surface oxidation on the electrical properties of multiwall carbon nanotube/poly(vinylidene fluoride) composites. <i>Journal of Materials Science</i> , 2012, 47, 8103-8111.	1.7	32
134	Gold highlights at the 10th International Conference on Heteroatom Chemistry (ICHAC-10), in Uji, Kyoto, Japan, 20-25 May 2012. <i>Gold Bulletin</i> , 2012, 45, 171-175.	1.1	0
135	Gold highlights at the Third International NanoMedicine Conference, in Coogee Beach, Sydney, Australia, 2-4 July 2012. <i>Gold Bulletin</i> , 2012, 45, 235-239.	1.1	0
136	Nanostructured iron oxide catalysts with gold for the oxidation of carbon monoxide. <i>RSC Advances</i> , 2012, 2, 2957.	1.7	74
137	Conference report: gold highlights at the International Conference on Nanomaterials and Nanotechnology 2011 (ICNANO-2011) in Delhi, India, 18-21 December 2011. <i>Gold Bulletin</i> , 2012, 45, 99-104.	1.1	0
138	Total oxidation of ethyl acetate, ethanol and toluene catalyzed by exotemplated manganese and cerium oxides loaded with gold. <i>Catalysis Today</i> , 2012, 180, 148-154.	2.2	85
139	Comparison between activated carbon, carbon xerogel and carbon nanotubes for the adsorption of the antibiotic ciprofloxacin. <i>Catalysis Today</i> , 2012, 186, 29-34.	2.2	311
140	Gold supported on carbon nanotubes for the selective oxidation of glycerol. <i>Journal of Catalysis</i> , 2012, 285, 83-91.	3.1	107
141	The Best of Two Worlds from the Gold Catalysis Universe: Making Homogeneous Heterogeneous. <i>ChemCatChem</i> , 2012, 4, 18-29.	1.8	40
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