Francesco Vizza

List of Publications by Year
in descending order

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226 papers	9,766 citations	32410 55 h-index	60403 85 g-index
261 all docs	261 docs citations	261 times ranked	9209 citing authors

#	Article	IF	Citations
1	Ex vivo energy harvesting by a by-pass depletion designed abiotic glucose fuel cell operated with real human blood serum. Journal of Power Sources, 2022, 521, 230972.	4.0	9
2	Recent developments in Pd-CeO2 nano-composite electrocatalysts for anodic reactions in anion exchange membrane fuel cells. Electrochemistry Communications, 2022, 135, 107219.	2.3	15
3	Remarkable stability of a molecular ruthenium complex in PEM water electrolysis. Chemical Science, 2022, 13, 3748-3760.	3.7	11
4	Experimental evidence of palladium dissolution in anodes for alkaline direct ethanol and formate fuel cells. Electrochimica Acta, 2022, 418, 140351.	2.6	4
5	CeO₂ Modulates the Electronic States of a Palladium Onion-Like Carbon Interface into a Highly Active and Durable Electrocatalyst for Hydrogen Oxidation in Anion-Exchange-Membrane Fuel Cells. ACS Catalysis, 2022, 12, 7014-7029.	5.5	33
6	Performance of Pd@FeCo Catalyst in Anion Exchange Membrane Alcohol Fuel Cells. Electrocatalysis, 2021, 12, 295-309.	1.5	9
7	Synergy between Nickel Nanoparticles and N-Enriched Carbon Nanotubes Enhances Alkaline Hydrogen Oxidation and Evolution Activity. ACS Applied Nano Materials, 2021, 4, 3586-3596.	2.4	14
8	Selectivity Switch in the Aerobic 1,2â€Propandiol Oxidation Catalyzed by Diamineâ€Stabilized Palladium Nanoparticles. ChemCatChem, 2021, 13, 2896-2906.	1.8	3
9	Hydrogen and chemicals from alcohols through electrochemical reforming by Pd-CeO2/C electrocatalyst. Inorganica Chimica Acta, 2021, 518, 120245.	1.2	14
10	Efficient Electrochemical Water Splitting with PdSn₄ Dirac Nodal Arc Semimetal. ACS Catalysis, 2021, 11, 7311-7318.	5.5	9
11	Interlayer Coordination of Pdâ€“Pd Units in Exfoliated Black Phosphorus. Journal of the American Chemical Society, 2021, 143, 10088-10098.	6.6	16
12	Turning manganese into gold: Efficient electrochemical CO2 reduction by a fac-Mn(apbpy)(CO)3Br complex in a gasâ€“liquid interface flow cell. Chemical Engineering Journal, 2021, 416, 129050.	6.6	14
13	3D titania nanotube array support for water electrolysis palladium catalysts. Electrochimica Acta, 2021, 383, 138338.	2.6	6
14	Titanium dioxide nanomaterials in electrocatalysis for energy. Current Opinion in Electrochemistry, 2021, 28, 100720.	2.5	19
15	Electrochemical reactor for sustainable transformation of bio-mass derived allyl alcohol into acrylate and pure hydrogen. Inorganica Chimica Acta, 2021, 525, 120488.	1.2	4
16	Exploiting the Combination of Displacement and Chemical Plating for a Tailored Electroless Deposition of Palladium Films on Copper. Applied Sciences (Switzerland), 2021, 11, 8403.	1.3	2
17	Platinum group metal-free Fe-based (Fe N C) oxygen reduction electrocatalysts for direct alcohol fuel cells. Current Opinion in Electrochemistry, 2021, 29, 100756.	2.5	17
18	Phosphate stabilized PdCoP@Nifoam catalyst for self-pressurized H2 production from the electrochemical reforming of ethanol at 150ÂÂ°C. Journal of Catalysis, 2020, 382, 237-246.	3.1	5

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19	Efficient hydrogen evolution reaction with platinum stannide PtSn₄via surface oxidation. Journal of Materials Chemistry A, 2020, 8, 2349-2355.	5.2	14
20	Exploration of cobalt@N-doped carbon nanocomposites toward hydrogen peroxide (H2O2) electrosynthesis: A two level investigation through the RRDE analysis and a polymer-based electrolyzer implementation. Electrochimica Acta, 2020, 364, 137287.	2.6	12
21	Integration of a Pd-CeO₂/C Anode with Pt and Pt-Free Cathode Catalysts in High Power Density Anion Exchange Membrane Fuel Cells. ACS Applied Energy Materials, 2020, 3, 10209-10214.	2.5	29
22	Fast Screening Method for Nitrogen Reduction Reaction (NRR) Electrocatalytic Activity with Rotating Ringâ€Disc Electrode (RRDE) Analysis in Alkaline Environment. ChemCatChem, 2020, 12, 6205-6213.	1.8	16
23	Unmasking the Latent Passivating Roles of Ni(OH)₂ on the Performance of Pdâ€“Ni Electrocatalysts for Alkaline Ethanol Fuel Cells. ACS Applied Energy Materials, 2020, 3, 8786-8802.	2.5	31
24	CO2 Electrochemical Reduction by Exohedral N-Pyridine Decorated Metal-Free Carbon Nanotubes. Energies, 2020, 13, 2703.	1.6	9
25	Storage of renewable energy in fuels and chemicals through electrochemical reforming of bioalcohols. Current Opinion in Electrochemistry, 2020, 21, 140-145.	2.5	28
26	Catalytic activity of PtSn4: Insights from surface-science spectroscopies. Applied Surface Science, 2020, 514, 145925.	3.1	5
27	Facile preparation of novel cardo Poly(oxindolebiphenylylene) with pendent quaternary ammonium by superacid-catalysed polyhydroxyalkylation reaction for anion exchange membranes. Journal of Membrane Science, 2019, 591, 117320.	4.1	37
28	Potential energy recovery by integrating an ORC in a biogas plant. Applied Energy, 2019, 256, 113960.	5.1	27
29	In-situ Quantification of Nanoparticles Oxidation: A Fixed Energy X-ray Absorption Approach. Catalysts, 2019, 9, 659.	1.6	8
30	Feasibility analysis of coupling an ORC to a mGT in a biogas plant. Energy Procedia, 2019, 158, 2311-2316.	1.8	7
31	Electrochemical CO₂ reduction in water at carbon cloth electrodes functionalized with a fac-Mn(apbpy)(CO)₃Br complex. Chemical Communications, 2019, 55, 775-777.	2.2	38
32	Facile Preparation of an Ether-Free Anion Exchange Membrane with Pendant Cyclic Quaternary Ammonium Groups. ACS Applied Energy Materials, 2019, 2, 4576-4581.	2.5	63
33	Palladiumâ€“Ceria Catalysts with Enhanced Alkaline Hydrogen Oxidation Activity for Anion Exchange Membrane Fuel Cells. ACS Applied Energy Materials, 2019, 2, 4999-5008.	2.5	56
34	Recycling of waste automobile tires: Transforming char in oxygen reduction reaction catalysts for alkaline fuel cells. Journal of Power Sources, 2019, 427, 85-90.	4.0	32
35	Feasibility Analysis of Bio-Methane Production in a Biogas Plant: A Case Study. Energies, 2019, 12, 473.	1.6	24
36	Selective Electrocatalytic H₂O₂ Generation by Cobalt@Nâ€Doped Graphitic Carbon Coreâ€“Shell Nanohybrids. ChemSusChem, 2019, 12, 1664-1672.	3.6	40

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37	A Goldâ€“Palladium Nanoparticle Alloy Catalyst for CO Production from CO 2 Electroreduction. Energy Technology, 2019, 7, 1800859.	1.8	14
38	An increase in hydrogen production from light and ethanol using a dual scale porosity photocatalyst. Green Chemistry, 2018, 20, 2299-2307.	4.6	18
39	N-Doped Graphitized Carbon Nanohorns as a Forefront Electrocatalyst in Highly Selective O2 Reduction to H2O2. CheM, 2018, 4, 106-123.	5.8	348
40	Electrocatalysts and Mechanisms of Hydrogen Oxidation in Alkaline Media for Anion Exchange Membrane Fuel Cells. Lecture Notes in Energy, 2018, , 79-103.	0.2	5
41	Nanostructured carbon supported Pd-ceria as anode catalysts for anion exchange membrane fuel cells fed with polyalcohols. Inorganica Chimica Acta, 2018, 470, 213-220.	1.2	15
42	Hydrogen production from the electrooxidation of methanol and potassium formate in alkaline media on carbon supported Rh and Pd nanoparticles. Inorganica Chimica Acta, 2018, 470, 263-269.	1.2	19
43	Energy Production and Storage Promoted by Organometallic Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 4393-4412.	1.0	24
44	Glycerol to lactic acid conversion by NHC-stabilized iridium nanoparticles. Journal of Catalysis, 2018, 368, 298-305.	3.1	15
45	Evidence of the Strong Metal Support Interaction in a Palladium-Ceria Hybrid Electrocatalyst for Enhancement of the Hydrogen Evolution Reaction. Journal of the Electrochemical Society, 2018, 165, F1147-F1153.	1.3	28
46	Beyond 1.0ÂW cm^{â^'2}Performance without Platinum: The Beginning of a New Era in Anion Exchange Membrane Fuel Cells. Journal of the Electrochemical Society, 2018, 165, J3039-J3044.	1.3	91
47	How to teach an old dog new (electrochemical) tricks: aziridine-functionalized CNTs as efficient electrocatalysts for the selective CO₂ reduction to CO. Journal of Materials Chemistry A, 2018, 6, 16382-16389.	5.2	31
48	Improving the Energy Efficiency of Direct Formate Fuel Cells with a Pd/C-CeO2 Anode Catalyst and Anion Exchange Ionomer in the Catalyst Layer. Energies, 2018, 11, 369.	1.6	36
49	Highly active nanostructured palladium-ceria electrocatalysts for the hydrogen oxidation reaction in alkaline medium. Nano Energy, 2017, 33, 293-305.	8.2	147
50	Ethyl lactate from dihydroxyacetone by a montmorillonite-supported Pt(II) diphosphane complex. Journal of Catalysis, 2017, 350, 133-140.	3.1	14
51	Operando SXRD study of the structure and growth process of Cu2S ultra-thin films. Scientific Reports, 2017, 7, 1615.	1.6	9
52	Electrochemical Coproduction of Acrylate and Hydrogen from 1,3-Propandiol. ACS Sustainable Chemistry and Engineering, 2017, 5, 6090-6098.	3.2	23
53	Carbon supported Rh nanoparticles for the production of hydrogen and chemicals by the electroreforming of biomass-derived alcohols. RSC Advances, 2017, 7, 13971-13978.	1.7	57
54	Energy recovery from fermentative biohydrogen production of biowaste: a case study based analysis. Energy Procedia, 2017, 126, 605-612.	1.8	16

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55	Hydrogen and Chemicals from Renewable Alcohols by Organometallic Electroreforming. ChemCatChem, 2017, 9, 746-750.	1.8	22
56	Direct Alcohol Fuel Cells: Nanostructured Materials for the Electrooxidation of Alcohols in Alkaline Media. Nanostructure Science and Technology, 2016, , 477-516.	0.1	5
57	Energy efficiency of platinum-free alkaline direct formate fuel cells. Applied Energy, 2016, 175, 479-487.	5.1	44
58	Electrodeposition and Characterization of p and n Sulfide Semiconductors Composite Thin Film. Journal of the Electrochemical Society, 2016, 163, D3034-D3039.	1.3	5
59	Performance Evaluation of a Platinumâ€Free Microscale Alkaline Direct Ethanol Fuel Cell Operating for Long Periods. Energy Technology, 2016, 4, 1119-1124.	1.8	5
60	Heat treated carbon supported iron(<scp>ii</scp>)phthalocyanine oxygen reduction catalysts: elucidation of the structureâ€“activity relationship using X-ray absorption spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 33142-33151.	1.3	39
61	A Pd/Câ€CeO₂ Anode Catalyst for Highâ€Performance Platinumâ€Free Anion Exchange Membrane Fuel Cells. Angewandte Chemie - International Edition, 2016, 55, 6004-6007.	7.2	199
62	Carbon supported Auâ€“Pd coreâ€“shell nanoparticles for hydrogen production by alcohol electroreforming. Catalysis Science and Technology, 2016, 6, 6870-6878.	2.1	42
63	Enhancement of the Efficiency and Selectivity for Carbon Dioxide Electroreduction to Fuels on Tailored Copper Catalyst Architectures. Energy Technology, 2016, 4, 1020-1028.	1.8	12
64	A Pd/Câ€CeO₂ Anode Catalyst for Highâ€Performance Platinumâ€Free Anion Exchange Membrane Fuel Cells. Angewandte Chemie, 2016, 128, 6108-6111.	1.6	47
65	Lactic Acid from Glycerol by Ethylene-Stabilized Platinum-Nanoparticles. ACS Catalysis, 2016, 6, 1671-1674.	5.5	38
66	High volume hydrogen production from the hydrolysis of sodium borohydride using a cobalt catalyst supported on a honeycomb matrix. Journal of Power Sources, 2015, 299, 391-397.	4.0	32
67	Energy Efficiency of Alkaline Direct Ethanol Fuel Cells Employing Nanostructured Palladium Electrocatalysts. ChemCatChem, 2015, 7, 2214-2221.	1.8	58
68	Living and dead soil organic matter under different land uses on a <scp>M</scp>editerranean island. European Journal of Soil Science, 2015, 66, 298-310.	1.8	5
69	Synergy of Cobalt and Silver Microparticles Electrodeposited on Glassy Carbon for the Electrocatalysis of the Oxygen Reduction Reaction: An Electrochemical Investigation. Molecules, 2015, 20, 14386-14401.	1.7	11
70	Deactivation of Palladium Electrocatalysts for Alcohols Oxidation in Basic Electrolytes. Electrochimica Acta, 2015, 177, 100-106.	2.6	34
71	Electrodeposited semiconductors at room temperature: an X-ray Absorption Spectroscopy study of Cu-, Zn-, S-bearing thin films. Electrochimica Acta, 2015, 179, 495-503.	2.6	12
72	Electrocatalytic activity and operational stability of electrodeposited Pdâ€“Co films towards ethanol oxidation in alkaline electrolytes. Journal of Power Sources, 2015, 293, 815-822.	4.0	31

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73	Recent Technological Progress in CO₂ Electroreduction to Fuels and Energy Carriers in Aqueous Environments. Energy Technology, 2015, 3, 197-210.	1.8	98
74	Electro-oxidation of ethylene glycol and glycerol at palladium-decorated FeCo@Fe coreâ€“shell nanocatalysts for alkaline direct alcohol fuel cells: functionalized MWCNT supports and impact on product selectivity. Journal of Materials Chemistry A, 2015, 3, 7145-7156.	5.2	95
75	Platinum on carbonaceous supports for glycerol hydrogenolysis: Support effect. Journal of Catalysis, 2015, 325, 111-117.	3.1	41
76	Direct Alcohol Fuel Cells: Toward the Power Densities of Hydrogenâ€Fed Proton Exchange Membrane Fuel Cells. ChemSusChem, 2015, 8, 524-533.	3.6	56
77	Electrochemical growth of platinum nanostructures for enhanced ethanol oxidation. Applied Catalysis B: Environmental, 2015, 165, 185-191.	10.8	17
78	The GM1 Ganglioside Forms GM1-Rich Gel Phase Microdomains within Lipid Rafts. Coatings, 2014, 4, 450-464.	1.2	1
79	Energy and Chemicals from the Selective Electrooxidation of Renewable Diols by Organometallic Fuel Cells. ChemSusChem, 2014, 7, 2432-2435.	3.6	27
80	Energy Savings in the Conversion of CO₂ to Fuels using an Electrolytic Device. Energy Technology, 2014, 2, 522-525.	1.8	55
81	Recycling ground tire rubber (GTR) scraps as highâ€impact filler of in situ produced polyketone matrix. Polymers for Advanced Technologies, 2014, 25, 1060-1068.	1.6	7
82	Electrodeposition of Semiconductors Thin Films with Different Composition and Band Gap. ECS Transactions, 2014, 58, 23-32.	0.3	2
83	Electroactivation of Microparticles of Silver on Glassy Carbon for Oxygen Reduction and Oxidation Reactions. Journal of the Electrochemical Society, 2014, 161, D3018-D3024.	1.3	27
84	Energy & Chemicals from Renewable Resources by Electrocatalysis. Journal of the Electrochemical Society, 2014, 161, D3032-D3043.	1.3	18
85	Nanotechnology makes biomass electrolysis more energy efficient than water electrolysis. Nature Communications, 2014, 5, 4036.	5.8	290
86	Electrodeposition of ternary Cu_xSn_yS_z thin films for photovoltaic applications. Progress in Photovoltaics: Research and Applications, 2014, 22, 97-106.	4.4	13
87	Synergistic effect between few layer graphene and carbon nanotube supports for palladium catalyzing electrochemical oxidation of alcohols. Journal of Energy Chemistry, 2013, 22, 296-304.	7.1	33
88	Nanostructured Feâ€“Ag electrocatalysts for the oxygen reduction reaction in alkaline media. Journal of Materials Chemistry A, 2013, 1, 13337.	5.2	33
89	Aerobic diol lactonization by Au-nanoparticles supported onto an anion-exchange resin. Applied Catalysis A: General, 2013, 451, 58-64.	2.2	8
90	Enhanced electro-oxidation of alcohols at electrochemically treated polycrystalline palladium surface. Journal of Power Sources, 2013, 242, 872-876.	4.0	15

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91	Electrochemical growth of Cuâ€“Zn sulfides. Journal of Electroanalytical Chemistry, 2013, 710, 17-21.	1.9	24
92	Electrooxidation of Ethylene Glycol and Glycerol on Pdâ€(Niâ€Zn)/C Anodes in Direct Alcohol Fuel Cells. ChemSusChem, 2013, 6, 518-528.	3.6	138
93	Selective electrodesorption based atomic layer deposition (SEBALD) modifications of silver surfaces for enhancing oxygen reduction reaction activity. Journal of Power Sources, 2013, 241, 80-86.	4.0	12
94	A Birdâ€™s Eye View of Energy-Related Electrochemistry. Nanostructure Science and Technology, 2013, , 25-61.	0.1	1
95	Electrochemical Devices for Energy Conversion and Storage. Nanostructure Science and Technology, 2013, , 63-89.	0.1	0
96	Carbon-Based Nanomaterials. Nanostructure Science and Technology, 2013, , 115-144.	0.1	1
97	Underpotential Deposition of Sn on S-Covered Ag(111). ECS Transactions, 2013, 50, 1-7.	0.3	4
98	Electrooxidation in Alkaline Media of Ethylene Glycol and Glycerol on Pdâ€(Niâ€Zn)/C Anodes in Direct Alcohol Fuel Cells. ChemSusChem, 2013, 6, 390-390.	3.6	5
99	Molecular Complexes in Electrocatalysis for Energy Production and Storage. Nanostructure Science and Technology, 2013, , 273-315.	0.1	2
100	Other Support Nanomaterials. Nanostructure Science and Technology, 2013, , 145-187.	0.1	1
101	Shape and Structure-Controlled Metal Nanoparticles. Nanostructure Science and Technology, 2013, , 219-250.	0.1	0
102	Phase composition of CuxS thin films: spectroscopic evidence of covellite formation. European Journal of Mineralogy, 2012, 24, 879-884.	0.4	10
103	Regioselective Hydromethoxycarbonylation of Terminal Alkynes Catalyzed by Palladium(II)â€“Tetraphos Complexes. Organometallics, 2012, 31, 4832-4837.	1.1	14
104	Improvement in the efficiency of an OrganoMetallic Fuel Cell by tuning the molecular architecture of the anode electrocatalyst and the nature of the carbon support. Energy and Environmental Science, 2012, 5, 8608.	15.6	54
105	Electrochemical Milling and Faceting: Size Reduction and Catalytic Activation of Palladium Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 8500-8504.	7.2	63
106	Energy Efficiency Enhancement of Ethanol Electrooxidation on Pdâ€“CeO₂/C in Passive and Active Polymer Electrolyteâ€Membrane Fuel Cells. ChemSusChem, 2012, 5, 1266-1273.	3.6	94
107	Ionic liquids: Electrochemical investigation on corrosion activity of ethyl-dimethyl-propylammonium bis(trifluoromethylsulfonyl)imide at high temperature. Russian Journal of Electrochemistry, 2012, 48, 434-441.	0.3	8
108	In situFTIR spectroelectrochemical study on the mechanism of ethylene glycol electrocatalytic oxidation at a Pd electrode. Physical Chemistry Chemical Physics, 2011, 13, 2667-2673.	1.3	81

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109	Zinc Coordination Polymers with 2,6-Bis(imidazole-1-yl)pyridine and Benzenecarboxylate:Pseudo-Supramolecular Isomers with and without Interpenetration and Unprecedented Trinodal Topology. Crystal Growth and Design, 2011, 11, 1230-1237.	1.4	71
110	Electrochemical layer by layer growth and characterization of copper sulfur thin films on Ag(111). Electrochimica Acta, 2011, 58, 599-605.	2.6	16
111	Single-site and nanosized Feâ€“Co electrocatalysts for oxygen reduction: Synthesis, characterization and catalytic performance. Journal of Power Sources, 2011, 196, 2519-2529.	4.0	99
112	Cobalt Monolayer Islands on Ag(111) for ORR Catalysis. ChemSusChem, 2011, 4, 1112-1117.	3.6	14
113	Embedded Ru@ZrO₂ Catalysts for H₂ Production by Ammonia Decomposition. ChemCatChem, 2010, 2, 1096-1106.	1.8	59
114	Ethylene Glycol Electrooxidation on Smooth and Nanostructured Pd Electrodes in Alkaline Media. Fuel Cells, 2010, 10, 582-590.	1.5	61
115	Selfâ€Sustainable Production of Hydrogen, Chemicals, and Energy from Renewable Alcohols by Electrocatalysis. ChemSusChem, 2010, 3, 851-855.	3.6	110
116	Domino Rhodium/Palladiumâ€Catalyzed Dehydrogenation Reactions of Alcohols to Acids by Hydrogen Transfer to Inactivated Alkenes. Chemistry - A European Journal, 2010, 16, 2751-2757.	1.7	61
117	A Biologically Inspired Organometallic Fuel Cell (OMFC) That Converts Renewable Alcohols into Energy and Chemicals. Angewandte Chemie - International Edition, 2010, 49, 7229-7233.	7.2	76
118	Sodium borohydride as an additive to enhance the performance of direct ethanol fuel cells. Journal of Power Sources, 2010, 195, 8036-8043.	4.0	29
119	Confined electrodeposition using a template-assisted procedure based on the selective desorption of a short chain thiol from a binary self-assembled monolayer formed on Ag(111). Electrochimica Acta, 2010, 55, 2550-2554.	2.6	6
120	Confined Electrodeposition of CdS in the Holes Left by the Selective Desorption of 3-Mercapto-1-propionic Acid from a Binary Self-Assembled Monolayer Formed with 1-Octanethiol. Langmuir, 2010, 26, 1802-1806.	1.6	5
121	Ethanol Oxidation on Electrocatalysts Obtained by Spontaneous Deposition of Palladium onto Nickelâ€Zinc Materials. ChemSusChem, 2009, 2, 99-112.	3.6	110
122	Selective oxidation of ethanol to acetic acid in highly efficient polymer electrolyte membrane-direct ethanol fuel cells. Electrochemistry Communications, 2009, 11, 1077-1080.	2.3	160
123	Pd and Ptâ€“Ru anode electrocatalysts supported on multi-walled carbon nanotubes and their use in passive and active direct alcohol fuel cells with an anion-exchange membrane (alcohol=methanol,) Tj ETQq1 1 0.784314 rgBT /Overlock	4.0	
124	Dynamic Behaviour of the [(Triphos)Rh(Î·¹:Î·²â€P₄RRâ€²)]ⁿ⁺ Complexes [Triphos = MeC(CH₂PPh₂)₃; R = H, Alkyl, Aryl; Râ€² = Lone Pair, H, Me; n = 0, 1]: NMR and Computational Studies. European Journal of Inorganic Chemistry, 2008, 2008, 1392-1399.	1.0	13
125	Selective hydrogenation of 1,10-phenanthrolines by silica-supported palladium nanoparticles. Inorganica Chimica Acta, 2008, 361, 3677-3680.	1.2	13
126	Benzene Hydrogenation by Silica-Supported Catalysts Made of Palladium Nanoparticles and Electrostatically Immobilized Rhodium Single Sites. Organometallics, 2008, 27, 2809-2824.	1.1	20

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127	Electronic Influence of the Thienyl Sulfur Atom on the Oligomerization of Ethylene by Cobalt(II) 6-(Thienyl)-2-(imino)pyridine Catalysis. Organometallics, 2007, 26, 726-739.	1.1	74
128	Regioselective propylene dimerization by tetrahedral (imino)pyridine CoII dichloride complexes activated by MAO. Journal of Molecular Catalysis A, 2007, 277, 40-46.	4.8	14
129	Hydrogenation of Arenes over Silica-Supported Catalysts That Combine a Grafted Rhodium Complex and Palladium Nanoparticles:â€‰Evidence for Substrate Activation on Rhsingle-siteâ^Pdmetal Moieties. Journal of the American Chemical Society, 2006, 128, 7065-7076.	6.6	70
130	Amino-phosphanes in RhI-Catalyzed Hydroformylation: Hemilabile Behavior of P,N Ligands under High CO Pressure and Catalytic Properties. European Journal of Inorganic Chemistry, 2006, 2006, 51-61.	1.0	45
131	Polyketone Nanocomposites by Palladium-Catalyzed Ethylene-Carbon Monoxide-(Propene) Co(Ter)polymerization Inside an Unmodified Layered Silicate. E-Polymers, 2006, 6, .	1.3	2
132	On the protonation of ruthenium-PTA complexes in water. X-ray crystal structure of RuCl4(PTAH)2Â·4ÂH2O (PTA=1,3,5-triaza-7-phosphaadamantane). Comptes Rendus Chimie, 2005, 8, 1491-1496.	0.2	12
133	Synthesis and Characterisation of a Novel Copper(II) Azamacrocycle-Phosphonate 3D Polymeric Network. European Journal of Inorganic Chemistry, 2005, 2005, 2027-2031.	1.0	10
134	Water soluble ruthenium cyclopentadienyl and aminocyclopentadienyl PTA complexes as catalysts for selective hydrogenation of Î±,Î²-unsaturated substrates (PTA=1,3,5-triaza-7-phosphaadamantane). Journal of Molecular Catalysis A, 2004, 224, 61-70.	4.8	71
135	Influence of steric and electronic factors in the stabilization of five-coordinate ethylene complexes of platinum(II): X-ray crystal structure of [PtCl2(2,9-dimethyl-1,10-phenanthroline-5,6-dione)]. Inorganica Chimica Acta, 2004, 357, 149-158.	1.2	36
136	Role of single-site catalysts in the hydrogenation of thiophenes: from models systems to effective HDS catalysts. Journal of Organometallic Chemistry, 2004, 689, 4277-4290.	0.8	35
137	Coordination chemistry of 1,3,5-triaza-7-phosphaadamantane (PTA). Coordination Chemistry Reviews, 2004, 248, 955-993.	9.5	392
138	Activation of Molecular Hydrogen over a Binuclear Complex with Rh2S2Core:Â DFT Calculations and NMR Mechanistic Studies. Journal of the American Chemical Society, 2004, 126, 11954-11965.	6.6	57
139	Title is missing!. Angewandte Chemie, 2003, 115, 2740-2743.	1.6	6
140	Activation and Functionalization of White Phosphorus at Rhodium: Experimental and Computational Analysis of the[(triphos)Rh (Î·1:Î·2-P4RRâ€²)]Y Complexes (triphos=MeC(CH2PPh2)3; R=H, Alkyl, Aryl; Râ€²=2) Tj ETQq0 0 0 rgBT /Overlo		
141	Hydrogenation of Arenes over Catalysts that Combine a Metal Phase and a Grafted Metal Complex: Role of the Single-Site Catalyst. Angewandte Chemie - International Edition, 2003, 42, 2636-2639.	7.2	37
142	Synthesis, characterization and coordination chemistry of the new tetraazamacrocycle 4,10-dimethyl-1,4,7,10-tetraazacyclododecane-1,7-bis(methanephosphonic acid monoethyl ester) dipotassium salt. Organic and Biomolecular Chemistry, 2003, 1, 879-886.	1.5	10
143	Palladium Nanoparticles Supported on Hyperbranched Aramids:Â Synthesis, Characterization, and Some Applications in the Hydrogenation of Unsaturated Substrates. Macromolecules, 2003, 36, 4294-4301.	2.2	73
144	A comparison between silica-immobilized ruthenium(II) single sites and silica-supported ruthenium nanoparticles in the catalytic hydrogenation ofÂmodel hetero- and polyaromatics contained in raw oil materials. Journal of Catalysis, 2003, 213, 47-62.	3.1	83

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145	Synthesis, catalytic properties and biological activity of new water soluble ruthenium cyclopentadienyl PTA complexes [(C5R5)RuCl(PTA)2] (R = H, Me; PTA =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (1,3,5-tria 31P{1H}, 1H, 13C NMR characterisation and elemental analysis of 1 and 2. See http://www.rsc.org/suppdata/cc/b2/b210102e/. Chemical Communications, 2003, , 264-265.	2.2	143
146	Hydrogenation of Indole by Phosphine-Modified Rhodium and Ruthenium Catalysts. Organometallics, 2002, 21, 1430-1437.	1.1	37
147	Ligand and Solvent Effects in the Alternating Copolymerization of Carbon Monoxide and Olefins by Palladiumâ˜Diphosphine Catalysis. Organometallics, 2002, 21, 16-33.	1.1	70
148	Synthesis of the first polymer-supported tripodal triphosphine ligand and its application in the heterogeneous hydrogenolysis of benzo[b]thiophene by rhodium catalysis. Chemical Communications, 2001, , 479-480.	2.2	34
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