

Signorino Galvagno

List of Publications by Year in descending order

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172
papers

6,427
citations

46918

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73
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179
all docs

179
docs citations

179
times ranked

6373
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene quantum dots for cancer targeted drug delivery. International Journal of Pharmaceutics, 2017, 518, 185-192.	2.6	268
2	Catalytic combustion of volatile organic compounds on gold/iron oxide catalysts. Applied Catalysis B: Environmental, 2000, 28, 245-251.	10.8	215
3	FT-IR study of Au/Fe ₂ O ₃ catalysts for CO oxidation at low temperature. Catalysis Letters, 1997, 47, 273-276.	1.4	170
4	Influence of catalyst pretreatments on volatile organic compounds oxidation over gold/iron oxide. Applied Catalysis B: Environmental, 2001, 34, 277-285.	10.8	160
5	CO ₂ reforming of methane over Ni-Ru and Ni-Pd bimetallic catalysts. Catalysis Letters, 1999, 59, 21-26.	1.4	157
6	Selective hydrogenation of α,β -unsaturated ketone to α,β -unsaturated alcohol on gold-supported iron oxide catalysts: Role of the support. Journal of Catalysis, 2005, 236, 80-90.	3.1	150
7	X-ray photoelectron spectroscopy of Au/Fe ₂ O ₃ catalysts. Physical Chemistry Chemical Physics, 1999, 1, 2869-2873.	1.3	148
8	Hydrogenation of cinnamaldehyde over Ru/C catalysts: effect of Ru particle size. Journal of Molecular Catalysis, 1991, 64, 237-246.	1.2	143
9	Catalytic combustion of volatile organic compounds over group IB metal catalysts on Fe ₂ O ₃ . Catalysis Communications, 2001, 2, 229-232.	1.6	132
10	CO and NO ₂ sensing properties of doped-Fe ₂ O ₃ thin films prepared by LPD. Sensors and Actuators B: Chemical, 2002, 82, 40-47.	4.0	123
11	Chemical reactivity of supported gold IV. Reduction of NO by H ₂ . Journal of Catalysis, 1978, 55, 178-190.	3.1	118
12	Particle size effect in the catalytic hydrogenation of 2,4-dinitrotoluene over Pd/C catalysts. Applied Catalysis A: General, 2001, 208, 307-316.	2.2	115
13	A comparative study on the selective hydrogenation of α,β unsaturated aldehyde and ketone to unsaturated alcohols on Au supported catalysts. Catalysis Today, 2007, 122, 341-351.	2.2	110
14	C ₂ H ₆ as an active carbon source for a large scale synthesis of carbon nanotubes by chemical vapour deposition. Applied Catalysis A: General, 2005, 279, 89-97.	2.2	98
15	Methanol gas-sensing properties of CeO ₂ -Fe ₂ O ₃ thin films. Sensors and Actuators B: Chemical, 2006, 114, 687-695.	4.0	98
16	Mössbauer characterisation of gold/iron oxide catalysts. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3403-3409.	1.7	96
17	Selective liquid phase hydrogenation of citral on Au/Fe ₂ O ₃ catalysts. Chemical Communications, 2002, , 868-869.	2.2	94
18	Wet air oxidation of p-coumaric acid over promoted ceria catalysts. Applied Catalysis B: Environmental, 2002, 38, 321-329.	10.8	94

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19	Au/iron oxide catalysts: temperature programmed reduction and X-ray diffraction characterization. <i>Thermochimica Acta</i> , 1999, 329, 39-46.	1.2	89
20	Influence of metal particle size in the hydrogenation of citral over Ru/C. <i>Catalysis Letters</i> , 1993, 18, 349-355.	1.4	86
21	Influence of the support on CO ₂ methanation over Ru catalysts: an FT-IR study. <i>Catalysis Letters</i> , 1998, 51, 41-45.	1.4	82
22	Hydrogenation of cinnamaldehyde over platinum catalysts: influence of addition of metal chlorides. <i>Journal of Molecular Catalysis</i> , 1989, 49, 223-232.	1.2	80
23	Influence of Ru precursor, support and solvent in the hydrogenation of citral over ruthenium catalysts. <i>Catalysis Letters</i> , 1994, 29, 379-386.	1.4	80
24	High yield synthesis of multi-walled carbon nanotubes by catalytic decomposition of ethane over iron supported on alumina catalyst. <i>Catalysis Today</i> , 2005, 102-103, 23-28.	2.2	79
25	Hydrogenation of $\hat{1}\pm, \hat{1}^2$ -unsaturated aldehydes over Ru/Al ₂ O ₃ catalysts. <i>Journal of Molecular Catalysis A</i> , 1996, 105, 93-101.	4.8	77
26	Hybrid composites made of multiwalled carbon nanotubes functionalized with Fe ₃ O ₄ nanoparticles for tissue engineering applications. <i>Nanotechnology</i> , 2012, 23, 465102.	1.3	74
27	Hydrogenation of citral over Ru-Sn/C. <i>Catalysis Letters</i> , 1993, 17, 55-61.	1.4	72
28	First example of selective hydrogenation of unconstrained $\hat{1}\pm, \hat{1}^2$ -unsaturated ketone to $\hat{1}\pm, \hat{1}^2$ -unsaturated alcohol by molecular hydrogen. <i>Chemical Communications</i> , 2003, , 868-869.	2.2	71
29	A highly sensitive oxygen sensor operating at room temperature based on platinum-doped In ₂ O ₃ nanocrystals. <i>Chemical Communications</i> , 2005, , 6032.	2.2	71
30	Characterization of Pt-Sn/carbon hydrogenation catalysts. <i>Applied Catalysis A: General</i> , 2002, 227, 105-115.	2.2	69
31	Selective one step synthesis of (\hat{a}) menthol from (+)citronellal on Ru supported on modified SiO ₂ . <i>Applied Catalysis A: General</i> , 2000, 199, 239-244.	2.2	66
32	Bimetallic Ru-Au catalysts: Effect of the support. <i>Journal of Catalysis</i> , 1981, 69, 283-291.	3.1	61
33	Liquid phase hydrogenations over platinum-tin catalysts. <i>Journal of Molecular Catalysis</i> , 1986, 35, 365-375.	1.2	60
34	Hydrogenation of citral and cinnamaldehyde over bimetallic Ru-Me/Al ₂ O ₃ catalysts. <i>Journal of Molecular Catalysis A</i> , 1996, 108, 41-50.	4.8	60
35	Catalytic oxidation of carbon monoxide over Au/Fe ₂ O ₃ preparations. <i>Reaction Kinetics and Catalysis Letters</i> , 1997, 61, 219-226.	0.6	58
36	Synthesis and anti-HIV activity of carboxylated and drug-conjugated multi-walled carbon nanotubes. <i>Carbon</i> , 2015, 82, 548-561.	5.4	55

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37	Selective hydrogenation of cinnamaldehyde over Ru-Sn catalysts. <i>Journal of Molecular Catalysis</i> , 1993, 78, 227-236.	1.2	53
38	Sol-gel synthesis, characterization and catalytic properties of Fe-Ti mixed oxides. <i>Applied Catalysis A: General</i> , 2004, 274, 243-251.	2.2	53
39	A facile and ecofriendly functionalization of multiwalled carbon nanotubes by an old mesoionic compound. <i>Chemical Communications</i> , 2012, 48, 6836.	2.2	52
40	Selective hydrogenation of α,β -unsaturated aldehydes to give unsaturated alcohols over platinum-germanium catalysts. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1729-1731.	2.0	51
41	Gold catalysts for the liquid phase oxidation of o-hydroxybenzyl alcohol. <i>Applied Catalysis A: General</i> , 2001, 211, 251-257.	2.2	51
42	Morphological Modification of MWCNT Functionalized with HNO ₃ /H ₂ SO ₄ Mixtures. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 5054-5060.	0.9	51
43	Chemical reactivity of supported gold. A structural study by small-angle x-ray scattering and x-ray absorption spectroscopy. <i>The Journal of Physical Chemistry</i> , 1979, 83, 2527-2538.	2.9	50
44	Recent Advances in Carbon Nanotubes as Delivery Systems for Anticancer Drugs. <i>Current Medicinal Chemistry</i> , 2013, 20, 1333-1354.	1.2	50
45	Supported Au-Pt catalysts Characterization and hydrogen transfer activity between benzene and cyclohexane. <i>Journal of Catalysis</i> , 1979, 57, 272-286.	3.1	49
46	Hydrogenation of C=C and C=O groups on ruthenium-tin catalysts. <i>Catalysis Letters</i> , 1991, 8, 9-14.	1.4	49
47	Role of the Au oxidation state in the CO sensing mechanism of Au/iron oxide-based gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2003, 93, 402-408.	4.0	49
48	Cyclopropane hydrogenation on Ru and Ru-Au catalysts. <i>Journal of Catalysis</i> , 1980, 61, 223-231.	3.1	48
49	In-situ grown flower-like nanostructured CuO on screen printed carbon electrodes for non-enzymatic amperometric sensing of glucose. <i>Mikrochimica Acta</i> , 2017, 184, 2375-2385.	2.5	48
50	Non-enzymatic Glucose Sensor Based on Nickel/Carbon Composite. <i>Electroanalysis</i> , 2018, 30, 727-733.	1.5	48
51	Nitrobenzene hydrogenation on Pt-Sn catalysts. <i>Journal of Molecular Catalysis</i> , 1987, 42, 379-387.	1.2	46
52	Catalytic and structural properties of ruthenium bimetallic catalysts: Preparation and characterization. <i>Journal of Molecular Catalysis</i> , 1994, 92, 107-121.	1.2	46
53	Towards enhanced performances in gas sensing: SnO ₂ based nanocrystalline oxides application. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 564-571.	4.0	46
54	Large-scale production of high-quality multi-walled carbon nanotubes: Role of precursor gas and of Fe-catalyst support. <i>Diamond and Related Materials</i> , 2008, 17, 1482-1488.	1.8	45

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55	Tunable doxorubicin release from polymer-gated multiwalled carbon nanotubes. <i>International Journal of Pharmaceutics</i> , 2016, 515, 30-36.	2.6	45
56	Removal of heavy metal ions from wastewaters using dendrimer-functionalized multi-walled carbon nanotubes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14735-14747.	2.7	45
57	Humidity sensing properties of Li ⁺ iron oxide based thin films. <i>Sensors and Actuators B: Chemical</i> , 2001, 73, 89-94.	4.0	43
58	Activity of Gold Catalysts in the Liquid-Phase Oxidation of O-Hydroxybenzyl Alcohol. <i>Catalysis Letters</i> , 2003, 87, 201-209.	1.4	43
59	Hydroxyapatite-magnetite-MWCNT nanocomposite as a biocompatible multifunctional drug delivery system for bone tissue engineering. <i>Nanotechnology</i> , 2014, 25, 425701.	1.3	43
60	Hydrogenolysis of sorbitol into valuable C3-C2 alcohols at low H ₂ pressure promoted by the heterogeneous Pd/Fe ₃ O ₄ catalyst. <i>Molecular Catalysis</i> , 2018, 446, 152-160.	1.0	43
61	Novel Pt catalysts supported on functional resins for the chemoselective hydrogenation of citral to the -unsaturated alcohols geraniol and nerol. <i>Journal of Catalysis</i> , 2005, 229, 283-297.	3.1	41
62	FT-IR characterization of alkali-doped Pd catalysts for the selective hydrogenation of phenol to cyclohexanone. <i>Applied Surface Science</i> , 1996, 93, 309-316.	3.1	40
63	Role of the support in the hydrogenation of citronellal on ruthenium catalysts. <i>Applied Catalysis A: General</i> , 1999, 184, 89-94.	2.2	39
64	Functionalization of multi-walled carbon nanotubes with coumarin derivatives and their biological evaluation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1025-1031.	1.5	38
65	Thermal analysis characterization of promoted vanadium oxide-based catalysts. <i>Thermochimica Acta</i> , 2002, 381, 165-172.	1.2	37
66	Magnesium oxide as a catalyst support: The influence of chlorine. <i>Applied Catalysis</i> , 1982, 3, 131-139.	1.1	35
67	Effect of the acid-base properties of Pd/Ca/Al ₂ O ₃ catalysts on the selective hydrogenation of phenol to cyclohexanone: FT-IR and TPD characterization. <i>Applied Surface Science</i> , 1998, 136, 311-320.	3.1	34
68	Optimisation of gas mixture composition for the preparation of high quality MWCNT by catalytically assisted CVD. <i>Diamond and Related Materials</i> , 2007, 16, 1095-1100.	1.8	34
69	Oxidative dehydrogenation of isobutane over V ₂ O ₅ -based catalysts prepared by grafting vanadyl alloxides on TiO ₂ -SiO ₂ supports. <i>Applied Catalysis A: General</i> , 2003, 246, 49-68.	2.2	33
70	Isomerisation of (+)citronellal over Zn(II) supported catalysts. <i>Applied Catalysis A: General</i> , 2002, 233, 151-157.	2.2	32
71	Gold promoted Li ⁺ Fe ₂ O ₃ thin films for humidity sensors. <i>Sensors and Actuators B: Chemical</i> , 2003, 92, 326-330.	4.0	32
72	Synthesis of cinnamyl ethyl ether in the hydrogenation of cinnamaldehyde on Au/TiO ₂ catalysts. <i>Applied Catalysis A: General</i> , 2008, 337, 163-167.	2.2	32

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73	A study of water influence on CO response on gold-doped iron oxide sensors. <i>Sensors and Actuators B: Chemical</i> , 2004, 101, 90-96.	4.0	31
74	Influence of Carbon Source and Fe-Catalyst Support on the Growth of Multi-Walled Carbon Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3815-3823.	0.9	31
75	Hydrogenation of cinnamaldehyde and citral over Ru supported catalysts. <i>Studies in Surface Science and Catalysis</i> , 1993, 78, 163-170.	1.5	29
76	Kinetic Modeling of 2,4-Dinitrotoluene Hydrogenation over Pd/C. <i>Industrial & Engineering Chemistry Research</i> , 1995, 34, 2226-2231.	1.8	29
77	Catalytic Wet Air Oxidation of <i>p</i> -Coumaric Acid over Carbon Nanotubes and Activated Carbon. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 9043-9053.	1.8	29
78	β -Cyclodextrin-grafted on multiwalled carbon nanotubes as versatile nanoplatform for entrapment of guanine-based drugs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 264-270.	2.5	29
79	A study of the catalytic activity and sensitivity to different alcohols of CeO ₂ /Fe ₂ O ₃ thin films. <i>Sensors and Actuators B: Chemical</i> , 2005, 111-112, 78-83.	4.0	27
80	Utilization of zeolites as soil conditioner in tomato-growing. <i>Zeolites</i> , 1982, 2, 271-274.	0.9	26
81	A TPR and TPO study of bimetallic Ru-Au catalysts. <i>Journal of Molecular Catalysis</i> , 1984, 25, 357-366.	1.2	26
82	Photovoltaic properties of multi-walled carbon nanotubes deposited on n-doped silicon. <i>Microelectronics Journal</i> , 2008, 39, 1659-1662.	1.1	26
83	Electrical characterization of Fe ₂ O ₃ humidity sensors doped with Li ⁺ , Zn ²⁺ and Au ³⁺ ions. <i>Sensors and Actuators B: Chemical</i> , 2005, 111-112, 71-77.	4.0	25
84	Gold supported on iron oxy-hydroxides: a versatile tool for the synthesis of fine chemicals. <i>Gold Bulletin</i> , 2006, 39, 54-65.	3.2	25
85	HREELS study of Au/Fe ₂ O ₃ thick film gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2001, 80, 222-228.	4.0	24
86	Catalytic wet air oxidation of <i>p</i> -coumaric acid on CeO ₂ , platinum and gold supported on CeO ₂ catalysts. <i>Applied Catalysis B: Environmental</i> , 2006, 68, 28-37.	10.8	23
87	Temperature-programmed reduction. Metal-support interaction on supported monometallic Ru and Cu Catalysts. <i>Journal of Thermal Analysis</i> , 1985, 30, 611-618.	0.7	22
88	Performance of supported Ru-Cu bimetallic catalysts prepared from nitrate precursors. <i>Catalysis Letters</i> , 1990, 6, 77-83.	1.4	22
89	Mössbauer Characterization of Carbon Supported Ruthenium-Tin Catalysts. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9545-9556.	1.2	22
90	Tuning hydrophilic properties of carbon nanotubes: A challenge for enhancing selectivity in Pd catalyzed alcohol oxidation. <i>Catalysis Today</i> , 2012, 186, 76-82.	2.2	20

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91	TPR Investigation of bimetallic Ru-Cu samples supported on SiO ₂ , Al ₂ O ₃ and MgO. Journal of Thermal Analysis, 1987, 32, 471-483.	0.7	19
92	Influence of the support on the catalytic properties of bimetallic Ru-Cu samples. Journal of Molecular Catalysis, 1989, 50, 67-80.	1.2	19
93	Liquid phase hydrogenation of benzonitrile over pt and pt-sn catalysts. Journal of Molecular Catalysis, 1990, 58, 215-225.	1.2	18
94	Synthesis and magnetic properties of multiwalled carbon nanotubes decorated with magnetite nanoparticles. Physica B: Condensed Matter, 2014, 435, 88-91.	1.3	18
95	Ethane and propane hydrogenolysis on Ru catalysts. Journal of the Chemical Society Faraday Transactions I, 1982, 78, 2509.	1.0	17
96	Effect of precursor on the catalytic behaviour of Ru-Cu/MgO. Journal of Molecular Catalysis, 1990, 63, 55-63.	1.2	17
97	Bimetallic Ru—Cu/SiO ₂ catalysts: Effect of total surface area on the catalytic properties. Journal of Molecular Catalysis, 1993, 83, 237-250.	1.2	17
98	Catalytic hydrogenation of 2,4-dinitrotoluene over a Pd/C catalyst: identification of 2-(hydroxyamino)-4-nitrotoluene (2HA4NT) as reaction intermediate. Journal of Molecular Catalysis A, 1996, 111, 257-260.	4.8	17
99	K10 Montmorillonite Based Catalysts for the Growth of Multiwalled Carbon Nanotubes through Catalytic Chemical Vapor Deposition. Industrial & Engineering Chemistry Research, 2010, 49, 3242-3249.	1.8	17
100	Tethering of Gly-Arg-Gly-Asp-Ser-Pro-Lys Peptides on Mg-Doped Hydroxyapatite. Engineering, 2017, 3, 55-59.	3.2	17
101	Influence of iridium, rhenium and lanthanum on propane aromatization over platinum/ZSM-5 catalysts. Applied Catalysis A: General, 1991, 79, 29-40.	2.2	16
102	Ru—Cu/SiO ₂ catalysts: characterization by FTIR spectroscopy. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 2809-2813.	1.7	16
103	Characterization of carbon-supported ruthenium—tin catalysts by high-resolution electron microscopy. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 2803-2807.	1.7	16
104	catalysts: characterization by FT-IR spectroscopy. Applied Surface Science, 1996, 99, 401-409.	3.1	16
105	Characterization of Synthetic Iron Oxides and their Performance as Support for Au Catalysts.. ChemCatChem, 2010, 2, 1143-1149.	1.8	15
106	X-ray scattering structural investigation of Pt and Pt—Sn catalysts supported on nylon. Journal of the Chemical Society Faraday Transactions I, 1985, 81, 321.	1.0	14
107	Microstructural characterization of doped-Pd/C catalysts for the selective hydrogenation of 2,4-dinitrotoluene to arylhydroxylamines. Applied Catalysis A: General, 2003, 249, 303-311.	2.2	14
108	O ₂ sensing properties of Zn- and Au-doped Fe ₂ O ₃ thin films. IEEE Sensors Journal, 2003, 3, 195-198.	2.4	14

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109	Aid of Raman spectroscopy in diagnostics of MWCNT synthesised by Fe-catalysed CVD. <i>Journal of Physics: Conference Series</i> , 2007, 61, 931-935.	0.3	14
110	Optimization of CVD growth of CNT-based hybrids using the Taguchi method. <i>Materials Research Bulletin</i> , 2012, 47, 595-601.	2.7	14
111	Kinetics of propene hydrogenation over platinum and platinum-tin catalysts supported on polyamide. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1983, 79, 2605.	1.0	13
112	Preparation, characterization and CO sensing of Au/iron oxide thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2002, 13, 561-565.	1.1	13
113	Deposition-precipitation with Urea to prepare Au/Mg(OH) ₂ catalysts: Influence of the preparation conditions on metal size and load. <i>Materials Research Bulletin</i> , 2010, 45, 1925-1933.	2.7	13
114	Low temperature sol-gel synthesis and humidity sensing properties of Cr _{2-x} Ti _x O ₃ . <i>Journal of the European Ceramic Society</i> , 2004, 24, 1435-1438.	2.8	11
115	1,2,3-Triazole/MWCNT conjugates as filler for gelcoat nanocomposites: new active antibiofouling coatings for marine application. <i>Materials Research Express</i> , 2015, 2, 115001.	0.8	11
116	Effect of pretreatment in benzene hydrogenation on Pt/nylon catalyst. <i>Reaction Kinetics and Catalysis Letters</i> , 1982, 21, 157-162.	0.6	10
117	Rh/nylon catalysts for partial hydrogenation of benzene to cyclohexene. <i>Reaction Kinetics and Catalysis Letters</i> , 1988, 37, 443-449.	0.6	10
118	Propane aromatization over Pt-Sn/ZSM-5 catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1989, 40, 349-356.	0.6	10
119	Selective catalytic hydrogenation of 2,4-dinitrotoluene to nitroarylhydroxylamines on supported metal catalysts. <i>Studies in Surface Science and Catalysis</i> , 1997, , 239-246.	1.5	10
120	Hybrid ceramic/polymer composites for bone tissue regeneration. , 2017, , 125-155.		9
121	Synthetic strategies for the enhancement of Mg(OH) ₂ thermochemical performances as heat storage material. <i>Energy Procedia</i> , 2018, 155, 269-279.	1.8	9
122	Mechanism of the Oxidation of Propene over Copper Molybdate. <i>Zeitschrift Fur Physikalische Chemie</i> , 1982, 132, 85-91.	1.4	8
123	Vapor phase Beckmann rearrangement of cyclohexanone oxime over fluorinated alumina catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1982, 21, 467-472.	0.6	8
124	Liquid chromatographic separation of intermediates of the catalytic hydrogenation of 2,4-dinitrotoluene. <i>Journal of Chromatography A</i> , 1998, 818, 123-126.	1.8	8
125	Scale-up of sulphur resistant promoted-vanadium oxide catalysts for self-regenerating catalytic filters in off-road diesel engines and domestic apparatus. <i>Catalysis Today</i> , 2005, 100, 309-313.	2.2	8
126	Multi-walled carbon nanotubes production by ethane decomposition over silica-supported iron-catalysts. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 2422-2427.	0.8	8

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127	On the formation of cinnamyl alcohol during the hydrogenation of cinnamaldehyde under mild conditions on supported palladium catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 118, 223-233.	0.8	8
128	Benzene hydrogenation on nickel/honeycomb catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1982, 19, 155-160.	0.6	7
129	Propane aromatization over Pt-Tl/ZSM-5. <i>Applied Catalysis A: General</i> , 1993, 103, 123-134.	2.2	7
130	Photoluminescence from organic-inorganic multilayers based on sol-gel derived titania. <i>Journal of Non-Crystalline Solids</i> , 2003, 331, 263-268.	1.5	7
131	Bimetallic Ru-Cu over ZSM5 zeolites in propane hydrogenolysis. <i>Reaction Kinetics and Catalysis Letters</i> , 1992, 48, 367-374.	0.6	6
132	Cu-Ru/MgO Systems - Spectroscopic Evidence of the Formation of Bimetallic Particles: CO Adsorption and CO-O ₂ Interaction. <i>Journal of Catalysis</i> , 1993, 142, 437-447.	3.1	6
133	Influence of gas-mixture composition on yield, purity and morphology of carbon nanotubes grown by catalytic isobutane-decomposition. <i>Diamond and Related Materials</i> , 2009, 18, 360-363.	1.8	6
134	Selective oxidation of CO in hydrogen atmosphere on Pt-Fe catalysts supported on zeolite P-based materials. <i>Journal of Porous Materials</i> , 2014, 21, 623-631.	1.3	6
135	Oxygen Transfer between CO and CO ₂ Catalyzed by Supported Au, Pt, and AuPt. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1979, 83, 894-899.	0.9	5
136	Partial hydrogenation of benzene over platinum supported catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1984, 26, 111-116.	0.6	5
137	Influence of lead on propane aromatization over Pt/ZSM5 catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1990, 41, 153-159.	0.6	5
138	Synthesis and analysis of multi-walled carbon nanotubes/oxides hybrid materials for polymer composite applications. <i>Diamond and Related Materials</i> , 2011, 20, 532-537.	1.8	5
139	Raman analysis of MWCNTs produced by catalytic CVD: derivation of a scaling law for the growth parameters. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 141-146.	1.2	4
140	Crystalline Quality Evaluation of Carbon Nanotubes by Kinetic Analysis in Quasi-Isothermal Conditions. <i>ChemPhysChem</i> , 2010, 11, 1925-1931.	1.0	4
141	STRANgE, integrated physical-biological-mechanical system for recovery in of the oil spill in Antarctic environment. <i>Reviews in Environmental Science and Biotechnology</i> , 2014, 13, 369-375.	3.9	4
142	Influence of the Cobalt Phase on the Highly Efficient Growth of MWNTs. <i>Nanomaterials and Nanotechnology</i> , 2014, 4, 5.	1.2	4
143	Graphene-based materials for application in pharmaceutical nanotechnology. , 2018, , 297-329.		4
144	The Role of Magnesium in the Oxidation of Propylene over Magnesium Molybdate. <i>Zeitschrift Fur Physikalische Chemie</i> , 1983, 134, 107-113.	1.4	3

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145	The Role of Alkali and Alkaline Earth Cations in the Oxidation of Propene over Molybdates. Zeitschrift Fur Physikalische Chemie, 1983, 134, 243-249.	1.4	3
146	Hydrogenolysis reactions during propane aromatization over Pt/ZSM-5. Reaction Kinetics and Catalysis Letters, 1992, 46, 255-261.	0.6	3
147	Preparation, characterization, and micropatterning of laser-dye-doped sol-gel films. Journal of Materials Research, 2002, 17, 2095-2098.	1.2	3
148	Sol-Gel Glass from Organic Modified Silicates for Optics Applications. Journal of Sol-Gel Science and Technology, 2003, 26, 1017-1021.	1.1	3
149	Title is missing!. Reaction Kinetics and Catalysis Letters, 2003, 78, 243-250.	0.6	3
150	GAS-SENSING PROPERTIES OF Au-DOPED Fe ₂ O ₃ THIN FILMS. , 2000, , .		3
151	Catalytic Oxidation of Propene over Zinc, Cadmium and Nickel Molybdates. Zeitschrift Fur Physikalische Chemie, 1983, 137, 111-118.	1.4	2
152	The Role of Manganese in the Transformation of Propylene over Manganese Molybdate. Zeitschrift Fur Physikalische Chemie, 1983, 136, 243-249.	1.4	2
153	Polymer-supported catalysts selective hydrogenation of acid chlorides over palladium/polyamide. Journal of Chemical Technology and Biotechnology, Chemical Technology, 1984, 34, 416-422.	0.0	2
154	Electrical characterization and modeling of thin-film humidity sensors. , 0, , .		1
155	Temperature-independent permeation tubes for gas sensor calibrators. , 0, , .		1
156	Catalytic Beckmann rearrangement of cyclohexanone oxime to caprolactam over metal sulfates. Reaction Kinetics and Catalysis Letters, 1983, 22, 197-202.	0.6	0
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