

Benjamin Solsona

List of Publications by Year in descending order

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137
papers

9,739
citations

50170

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37111

96
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139
all docs

139
docs citations

139
times ranked

8836
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the optimal catalytic systems for the oxidative dehydrogenation of ethane: The role of adsorption in the catalytic performance. <i>Journal of Catalysis</i> , 2022, 408, 388-400.	3.1	12
2	Stable Manganese-Oxide Composites as Cathodes for Zn-Ion Batteries: Interface Activation from In Situ Layer Electrochemical Deposition under 2ÅV. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	12
3	Optimization of the performance of bulk NiO catalyst in the oxidative dehydrogenation of ethane by tuning the synthesis parameters. <i>Fuel Processing Technology</i> , 2022, 229, 107182.	3.7	15
4	Cu-Ga ³⁺ -doped wurtzite ZnO interface as driving force for enhanced methanol production in co-precipitated Cu/ZnO/Ga ₂ O ₃ catalysts. <i>Journal of Catalysis</i> , 2022, 407, 149-161.	3.1	15
5	Influence of Zn(NO ₃) ₂ concentration during the ZnO electrodeposition on TiO ₂ nanosponges used in photoelectrochemical applications. <i>Ceramics International</i> , 2022, 48, 14460-14472.	2.3	8
6	Assessing the Electrochemical Performance of Different Nanostructured CeO ₂ Samples as Anodes for Lithium-Ion Batteries. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 22.	1.3	3
7	Optimization of the Zr-loading on siliceous support catalysts leads to a suitable Lewis/Brønsted acid sites ratio to produce high yields to Î³-valerolactone from furfural in one-pot. <i>Fuel</i> , 2022, 324, 124549.	3.4	14
8	Te-doped MoV-Oxide (M1 phase) for ethane ODH. The role of tellurium on morphology, thermal stability and catalytic behaviour. <i>Applied Catalysis A: General</i> , 2022, 643, 118780.	2.2	4
9	The promoter effect of Nb species on the catalytic performance of Ir-based catalysts for VOCs total oxidation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108261.	3.3	2
10	Oxidative dehydrogenation of ethane on diluted or promoted nickel oxide catalysts: Influence of the promoter/diluter. <i>Catalysis Today</i> , 2021, 363, 27-35.	2.2	16
11	Supported iridium catalysts for the total oxidation of short chain alkanes and their mixtures: Influence of the support. <i>Chemical Engineering Journal</i> , 2021, 417, 127999.	6.6	11
12	ADAPTATION OF NEW ONLINE EVALUATION METHODOLOGIES IN DIFFERENT DEGREES OF THE SCHOOL OF ENGINEERING OF THE UNIVERSITY OF VALENCIA DUE TO COVID-19. <i>EDULEARN Proceedings</i> , 2021, , .	0.0	0
13	DESIGN OF ASSESSMENT RUBRICS FOR THE SUBJECT "PROCESS AND PRODUCT ENGINEERING II" OF THE CHEMICAL ENGINEERING DEGREE. <i>EDULEARN Proceedings</i> , 2021, , .	0.0	0
14	The nickel-support interaction as determining factor of the selectivity to ethylene in the oxidative dehydrogenation of ethane over nickel oxide/alumina catalysts. <i>Applied Catalysis A: General</i> , 2021, 623, 118242.	2.2	12
15	Î³-valerolactone from levulinic acid and its esters: Substrate and reaction media determine the optimal catalyst. <i>Applied Catalysis A: General</i> , 2021, 623, 118276.	2.2	8
16	Influence of annealing atmosphere on photoelectrochemical response of TiO ₂ nanotubes anodized under controlled hydrodynamic conditions. <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115579.	1.9	9
17	Highly Active Co ₃ O ₄ -Based Catalysts for Total Oxidation of Light C ₁ -C ₃ Alkanes Prepared by a Simple Soft Chemistry Method: Effect of the Heat-Treatment Temperature and Mixture of Alkanes. <i>Materials</i> , 2021, 14, 7120.	1.3	7
18	Influence of the Nature of the Promoter in NiO Catalysts on the Selectivity to Olefin During the Oxidative Dehydrogenation of Propane and Ethane. <i>Topics in Catalysis</i> , 2020, 63, 1731-1742.	1.3	9

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19	Ni Supported on Natural Clays as a Catalyst for the Transformation of Levulinic Acid into $\hat{\beta}$ -Valerolactone without the Addition of Molecular Hydrogen. <i>Energies</i> , 2020, 13, 3448.	1.6	10
20	(Ag)Pd-Fe ₃ O ₄ Nanocomposites as Novel Catalysts for Methane Partial Oxidation at Low Temperature. <i>Nanomaterials</i> , 2020, 10, 988.	1.9	8
21	Glycerol Selective Oxidation to Lactic Acid over AuPt Nanoparticles; Enhancing Reaction Selectivity and Understanding by Support Modification. <i>ChemCatChem</i> , 2020, 12, 3097-3107.	1.8	23
22	Low temperature conversion of levulinic acid into $\hat{\beta}$ -valerolactone using Zn to generate hydrogen from water and nickel catalysts supported on sepiolite. <i>RSC Advances</i> , 2020, 10, 20395-20404.	1.7	7
23	Insights into the production of upgraded biofuels using Mg-loaded mesoporous ZSM-5 zeolites. <i>ChemCatChem</i> , 2020, 12, 5236-5249.	1.8	9
24	Enhanced NiO Dispersion on a High Surface Area Pillared Heterostructure Covered by Niobium Leads to Optimal Behaviour in the Oxidative Dehydrogenation of Ethane. <i>Chemistry - A European Journal</i> , 2020, 26, 9371-9381.	1.7	7
25	Partial oxidation of methane and methanol on FeO _x -, MoO _x - and FeMoO _x -SiO ₂ catalysts prepared by sol-gel method: A comparative study. <i>Molecular Catalysis</i> , 2020, 491, 110982.	1.0	14
26	Support effects on NiO-based catalysts for the oxidative dehydrogenation (ODH) of ethane. <i>Catalysis Today</i> , 2019, 333, 10-16.	2.2	35
27	Easy Method for the Transformation of Levulinic Acid into Gamma-Valerolactone Using a Nickel Catalyst Derived from Nanocasted Nickel Oxide. <i>Materials</i> , 2019, 12, 2918.	1.3	6
28	Tungsten-titanium mixed oxide bronzes: Synthesis, characterization and catalytic behavior in methanol transformation. <i>Applied Catalysis A: General</i> , 2019, 582, 117092.	2.2	6
29	Green synthesis of cavity-containing manganese oxides with superior catalytic performance in toluene oxidation. <i>Applied Catalysis A: General</i> , 2019, 582, 117107.	2.2	8
30	The Key Role of Nanocasting in Gold-based Fe ₂ O ₃ Nanocasted Catalysts for Oxygen Activation at the Metal-support Interface. <i>ChemCatChem</i> , 2019, 11, 1915-1927.	1.8	13
31	Size-activity relationship of iridium particles supported on silica for the total oxidation of volatile organic compounds (VOCs). <i>Chemical Engineering Journal</i> , 2019, 366, 100-111.	6.6	56
32	Ferric sludge derived from the process of water purification as an efficient catalyst and/or support for the removal of volatile organic compounds. <i>Chemosphere</i> , 2019, 219, 286-295.	4.2	17
33	Photocatalytic Activity of Mesoporous $\hat{\pm}$ -Fe ₂ O ₃ Synthesized via Soft Chemistry and Hard Template Methods for Degradation of Azo Dye Orange II. <i>Catalysis Letters</i> , 2018, 148, 1289-1295.	1.4	7
34	Understanding the role of Ti-rich domains in the stabilization of gold nanoparticles on mesoporous silica-based catalysts. <i>Journal of Catalysis</i> , 2018, 360, 187-200.	3.1	4
35	Mixed oxide Ti Si O prepared by non-hydrolytic Xerogel method as a diluter of nickel oxide for the oxidative dehydrogenation of ethane. <i>Catalysis Today</i> , 2018, 299, 93-101.	2.2	10
36	Porous clays heterostructures as supports of iron oxide for environmental catalysis. <i>Chemical Engineering Journal</i> , 2018, 334, 1159-1168.	6.6	48

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37	Gas phase heterogeneous partial oxidation reactions. , 2018, , 211-286.		7
38	Vanadium Supported on Alumina and/or Zirconia Catalysts for the Selective Transformation of Ethane and Methanol. Catalysts, 2018, 8, 126.	1.6	13
39	Eco-Friendly Cavity-Containing Iron Oxides Prepared by Mild Routes as Very Efficient Catalysts for the Total Oxidation of VOCs. Materials, 2018, 11, 1387.	1.3	15
40	NiO diluted in high surface area TiO ₂ as an efficient catalyst for the oxidative dehydrogenation of ethane. Applied Catalysis A: General, 2017, 536, 18-26.	2.2	45
41	Low temperature total oxidation of toluene by bimetallic Au–Ir catalysts. Catalysis Science and Technology, 2017, 7, 2886-2896.	2.1	39
42	Redox and Catalytic Properties of Promoted NiO Catalysts for the Oxidative Dehydrogenation of Ethane. Journal of Physical Chemistry C, 2017, 121, 25132-25142.	1.5	36
43	Relationship between bulk phase, near surface and outermost atomic layer of VPO catalysts and their catalytic performance in the oxidative dehydrogenation of ethane. Journal of Catalysis, 2017, 354, 236-249.	3.1	22
44	Total Oxidation of Propane Using CeO ₂ and CuO-CeO ₂ Catalysts Prepared Using Templates of Different Nature. Catalysts, 2017, 7, 96.	1.6	39
45	Optimizing Both Catalyst Preparation and Catalytic Behaviour for the Oxidative Dehydrogenation of Ethane of Ni–Sn–O Catalysts. Topics in Catalysis, 2016, 59, 1564-1572.	1.3	16
46	Promoting Deoxygenation of Bio-Oil by Metal-Loaded Hierarchical ZSM-5 Zeolites. ACS Sustainable Chemistry and Engineering, 2016, 4, 1653-1660.	3.2	126
47	Total oxidation of VOCs on mesoporous iron oxide catalysts: Soft chemistry route versus hard template method. Chemical Engineering Journal, 2016, 290, 273-281.	6.6	109
48	Nickel oxide supported on porous clay heterostructures as selective catalysts for the oxidative dehydrogenation of ethane. Catalysis Science and Technology, 2016, 6, 3419-3429.	2.1	38
49	The prevalence of surface oxygen vacancies over the mobility of bulk oxygen in nanostructured ceria for the total toluene oxidation. Applied Catalysis B: Environmental, 2015, 174-175, 403-412.	10.8	333
50	High-Temperature Stable Gold Nanoparticle Catalysts for Application under Severe Conditions: The Role of TiO ₂ Nanodomains in Structure and Activity. ACS Catalysis, 2015, 5, 1078-1086.	5.5	34
51	Insights into the catalytic production of hydrogen from propane in the presence of oxygen: Cooperative presence of vanadium and gold catalysts. Fuel Processing Technology, 2015, 134, 290-296.	3.7	4
52	Total oxidation of propane in vanadia-promoted platinum-alumina catalysts: Influence of the order of impregnation. Catalysis Today, 2015, 254, 12-20.	2.2	32
53	In-situ synthesis of hydrogen peroxide in tandem with selective oxidation reactions: A mini-review. Catalysis Today, 2015, 248, 115-127.	2.2	95
54	Enhanced H ₂ O ₂ production over Au-rich bimetallic Au–Pd nanoparticles on ordered mesoporous carbons. Catalysis Today, 2015, 248, 48-57.	2.2	40

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55	The Catalytic Oxidation of Hydrocarbon Volatile Organic Compounds. , 2014, , 51-90.		4
56	Oxidative dehydrogenation of ethane: A study over the structure and robustness of Niâ€“Wâ€“O catalysts. Fuel Processing Technology, 2014, 119, 105-113.	3.7	19
57	Promoted NiO Catalysts for the Oxidative Dehydrogenation of Ethane. Topics in Catalysis, 2014, 57, 1248-1255.	1.3	40
58	Au deposited on CeO ₂ prepared by a nanocasting route: A high activity catalyst for CO oxidation. Journal of Catalysis, 2014, 317, 167-175.	3.1	34
59	Shape-dependency activity of nanostructured CeO ₂ in the total oxidation of polycyclic aromatic hydrocarbons. Applied Catalysis B: Environmental, 2013, 132-133, 116-122.	10.8	158
60	The different catalytic behaviour in the propane total oxidation of cobalt and manganese oxides prepared by a wet combustion procedure. Chemical Engineering Journal, 2013, 229, 547-558.	6.6	87
61	Influence of the preparation method on the activity of ceria zirconia mixed oxides for naphthalene total oxidation. Applied Catalysis B: Environmental, 2013, 132-133, 98-106.	10.8	73
62	Total oxidation of naphthalene using bulk manganese oxide catalysts. Applied Catalysis A: General, 2013, 450, 169-177.	2.2	49
63	Selective oxidative dehydrogenation of ethane over SnO ₂ -promoted NiO catalysts. Journal of Catalysis, 2012, 295, 104-114.	3.1	87
64	Highly dispersed encapsulated AuPd nanoparticles on ordered mesoporous carbons for the direct synthesis of H ₂ O ₂ from molecular oxygen and hydrogen. Chemical Communications, 2012, 48, 5316.	2.2	32
65	Oxygen defects: The key parameter controlling the activity and selectivity of mesoporous copper-doped ceria for the total oxidation of naphthalene. Applied Catalysis B: Environmental, 2012, 127, 77-88.	10.8	70
66	High activity mesoporous copper doped cerium oxide catalysts for the total oxidation of polyaromatic hydrocarbon pollutants. Chemical Communications, 2012, 48, 4704.	2.2	52
67	Oxidative dehydrogenation of ethane over NiOâ€“CeO ₂ mixed oxides catalysts. Catalysis Today, 2012, 180, 51-58.	2.2	136
68	Total oxidation of VOCs on Au nanoparticles anchored on Co doped mesoporous UVM-7 silica. Chemical Engineering Journal, 2012, 187, 391-400.	6.6	44
69	Synergy between tungsten and palladium supported on titania for the catalytic total oxidation of propane. Journal of Catalysis, 2012, 285, 103-114.	3.1	71
70	The significance of the order of impregnation on the activity of vanadia promoted palladium-alumina catalysts for propane total oxidation. Catalysis Science and Technology, 2011, 1, 1367.	2.1	18
71	Oxidative dehydrogenation of ethane over Niâ€“Wâ€“O mixed metal oxide catalysts. Journal of Catalysis, 2011, 280, 28-39.	3.1	108
72	Promoting the activity and selectivity of high surface area Niâ€“Ceâ€“O mixed oxides by gold deposition for VOC catalytic combustion. Chemical Engineering Journal, 2011, 175, 271-278.	6.6	64

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73	Niobium phosphates as new highly selective catalysts for the oxidative dehydrogenation of ethane. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17395.	1.3	19
74	The Influence of Platinum Addition on Nano-Crystalline Ceria Catalysts for the Total Oxidation of Naphthalene a Model Polycyclic Aromatic Hydrocarbon. <i>Catalysis Letters</i> , 2011, 141, 1732-1738.	1.4	14
75	The effect of gold addition on the catalytic performance of copper manganese oxide catalysts for the total oxidation of propane. <i>Applied Catalysis B: Environmental</i> , 2011, 101, 388-396.	10.8	47
76	Deep oxidation of pollutants using gold deposited on a high surface area cobalt oxide prepared by a nanocasting route. <i>Journal of Hazardous Materials</i> , 2011, 187, 544-552.	6.5	80
77	Total Oxidation of Naphthalene Using Mesoporous CeO ₂ Catalysts Synthesized by Nanocasting from Two Dimensional SBA-15 and Three Dimensional KIT-6 and MCM-48 Silica Templates. <i>Catalysis Letters</i> , 2010, 134, 110-117.	1.4	21
78	Deep oxidation of volatile organic compounds using ordered cobalt oxides prepared by a nanocasting route. <i>Applied Catalysis A: General</i> , 2010, 386, 16-27.	2.2	164
79	The catalytic performance of mesoporous cerium oxides prepared through a nanocasting route for the total oxidation of naphthalene. <i>Applied Catalysis B: Environmental</i> , 2010, 93, 395-405.	10.8	62
80	Influence of gel composition in the synthesis of MoVTeNb catalysts over their catalytic performance in partial propane and propylene oxidation. <i>Catalysis Today</i> , 2010, 149, 260-266.	2.2	37
81	Mo-W-containing tetragonal tungsten bronzes through isomorphous substitution of molybdenum by tungsten. <i>Catalysis Today</i> , 2010, 158, 162-169.	2.2	18
82	Reaction products and pathways in the selective oxidation of C ₂ -C ₄ alkanes on MoVTeNb mixed oxide catalysts. <i>Catalysis Today</i> , 2010, 157, 291-296.	2.2	39
83	Stable anchoring of dispersed gold nanoparticles on hierarchic porous silica-based materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 6780.	6.7	19
84	Selective propane oxidation over MoVSbO catalysts. On the preparation, characterization and catalytic behavior of M1 phase. <i>Journal of Catalysis</i> , 2009, 262, 35-43.	3.1	34
85	Mo-containing tetragonal tungsten bronzes. The influence of tellurium on catalytic behaviour in selective oxidation of propene. <i>Journal of Catalysis</i> , 2009, 265, 43-53.	3.1	24
86	Ceria and Gold/Ceria Catalysts for the Abatement of Polycyclic Aromatic Hydrocarbons: An In Situ DRIFTS Study. <i>Topics in Catalysis</i> , 2009, 52, 492-500.	1.3	29
87	Supported Ni-W-O Mixed Oxides as Selective Catalysts for the Oxidative Dehydrogenation of Ethane. <i>Topics in Catalysis</i> , 2009, 52, 751-757.	1.3	38
88	Total oxidation of naphthalene with high selectivity using a ceria catalyst prepared by a combustion method employing ethylene glycol. <i>Journal of Hazardous Materials</i> , 2009, 171, 393-399.	6.5	24
89	Selective oxidation of C ₃ -C ₄ olefins over Mo-containing catalysts with tetragonal tungsten bronze structure. <i>Catalysis Today</i> , 2009, 141, 311-316.	2.2	9
90	Selective oxidation of propane over alkali-doped Mo-V-Sb-O catalysts. <i>Catalysis Today</i> , 2009, 141, 294-299.	2.2	28

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91	TAP reactor study of the deep oxidation of propane using cobalt oxide and gold-containing cobalt oxide catalysts. <i>Applied Catalysis A: General</i> , 2009, 365, 222-230.	2.2	50
92	Switching Off Hydrogen Peroxide Hydrogenation in the Direct Synthesis Process. <i>Science</i> , 2009, 323, 1037-1041.	6.0	759
93	Selective Oxidation of Propane Over AMoVSbO Catalysts (A=Li, Na, K, Rb or Cs). <i>Topics in Catalysis</i> , 2008, 50, 74-81.	1.3	7
94	Deep oxidation of propane using palladium-titania catalysts modified by niobium. <i>Applied Catalysis A: General</i> , 2008, 350, 63-70.	2.2	35
95	Total oxidation of propane using nanocrystalline cobalt oxide and supported cobalt oxide catalysts. <i>Applied Catalysis B: Environmental</i> , 2008, 84, 176-184.	10.8	221
96	The influence of cerium to urea preparation ratio of nanocrystalline ceria catalysts for the total oxidation of naphthalene. <i>Catalysis Today</i> , 2008, 137, 373-378.	2.2	19
97	Comparison of supports for the direct synthesis of hydrogen peroxide from H ₂ and O ₂ using Au-Pd catalysts. <i>Catalysis Today</i> , 2007, 122, 397-402.	2.2	103
98	The hydrothermal synthesis of tetragonal tungsten bronze-based catalysts for the selective oxidation of hydrocarbons. <i>Chemical Communications</i> , 2007, , 5040.	2.2	17
99	Influence of preparation conditions of nano-crystalline ceria catalysts on the total oxidation of naphthalene, a model polycyclic aromatic hydrocarbon. <i>Applied Catalysis B: Environmental</i> , 2007, 76, 248-256.	10.8	68
100	Selective oxidation of n-butane over MoV-containing oxidic bronze catalysts. <i>Journal of Catalysis</i> , 2007, 250, 128-138.	3.1	32
101	Selective oxidation of propane and ethane on diluted Mo-V-Nb-Te mixed-oxide catalysts. <i>Journal of Catalysis</i> , 2007, 252, 271-280.	3.1	94
102	Complete oxidation of short chain alkanes using a nanocrystalline cobalt oxide catalyst. <i>Catalysis Letters</i> , 2007, 116, 116-121.	1.4	55
103	Nanocrystalline cobalt oxide: a catalyst for selective alkane oxidation under ambient conditions. <i>Chemical Communications</i> , 2006, , 3417-3419.	2.2	68
104	Selective oxidation of CO in the presence of H ₂ , H ₂ O and CO ₂ utilising Au/±-Fe ₂ O ₃ catalysts for use in fuel cells. <i>Journal of Materials Chemistry</i> , 2006, 16, 199-208.	6.7	92
105	Solvent-Free Oxidation of Primary Alcohols to Aldehydes Using Au-Pd/TiO ₂ Catalysts. <i>Science</i> , 2006, 311, 362-365.	6.0	1,976
106	Direct Synthesis of Hydrogen Peroxide from H ₂ and O ₂ Using Al ₂ O ₃ Supported Au-Pd Catalysts. <i>Chemistry of Materials</i> , 2006, 18, 2689-2695.	3.2	183
107	Laser flash photolysis of metal oxide supported vanadyl catalysts. Spectroscopic evidence for the ligand-to-metal charge-transfer state. <i>Journal of Materials Chemistry</i> , 2006, 16, 216-220.	6.7	11
108	Supported gold catalysts for the total oxidation of alkanes and carbon monoxide. <i>Applied Catalysis A: General</i> , 2006, 312, 67-76.	2.2	134

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109	Molybdenum-vanadium supported on mesoporous alumina catalysts for the oxidative dehydrogenation of ethane. <i>Catalysis Today</i> , 2006, 117, 228-233.	2.2	78
110	Siliceous ITQ-6: A new support for vanadia in the oxidative dehydrogenation of propane. <i>Microporous and Mesoporous Materials</i> , 2006, 94, 339-347.	2.2	36
111	Naphthalene total oxidation over metal oxide catalysts. <i>Applied Catalysis B: Environmental</i> , 2006, 66, 92-99.	10.8	95
112	Role of gold cations in the oxidation of carbon monoxide catalyzed by iron oxide-supported gold. <i>Journal of Catalysis</i> , 2006, 242, 71-81.	3.1	322
113	Total oxidation of volatile organic compounds by vanadium promoted palladium-titania catalysts: Comparison of aromatic and polyaromatic compounds. <i>Applied Catalysis B: Environmental</i> , 2006, 62, 66-76.	10.8	82
114	Deep oxidation of light alkanes over titania-supported palladium/vanadium catalysts. <i>Journal of Catalysis</i> , 2005, 229, 1-11.	3.1	70
115	Direct synthesis of hydrogen peroxide from H ₂ and O ₂ using TiO ₂ -supported Au-Pd catalysts. <i>Journal of Catalysis</i> , 2005, 236, 69-79.	3.1	488
116	Nano-crystalline Ceria Catalysts for the Abatement of Polycyclic Aromatic Hydrocarbons. <i>Catalysis Letters</i> , 2005, 105, 183-189.	1.4	60
117	Unexpected promotion of Au/TiO ₂ by nitrate for CO oxidation. <i>Chemical Communications</i> , 2005, , 2351.	2.2	40
118	Selective oxidation of CO in the presence of H ₂ , H ₂ O and CO ₂ via gold for use in fuel cells. <i>Chemical Communications</i> , 2005, , 3385.	2.2	146
119	Direct synthesis of hydrogen peroxide from H ₂ and O ₂ using Au-Pd/Fe ₂ O ₃ catalysts. <i>Journal of Materials Chemistry</i> , 2005, 15, 4595.	6.7	180
120	The Oxidative Destruction of Hydrocarbon Volatile Organic Compounds Using Palladium-Vanadia-Titania Catalysts. <i>Catalysis Letters</i> , 2004, 97, 99-103.	1.4	31
121	Selective oxidation of propane and propene on MoVNbTeO catalysts. <i>Catalysis Today</i> , 2004, 91-92, 247-250.	2.2	21
122	Improvement of the catalytic performance of CuMnOx catalysts for CO oxidation by the addition of Au. <i>New Journal of Chemistry</i> , 2004, 28, 708.	1.4	40
123	Title is missing!. <i>Catalysis Letters</i> , 2003, 89, 249-253.	1.4	25
124	The selective oxidation of propane on Mo-V-Te-Nb-O catalysts. <i>Catalysis Today</i> , 2003, 81, 87-94.	2.2	61
125	Oxidative dehydrogenation of ethane on promoted VPO catalysts. <i>Applied Catalysis A: General</i> , 2003, 249, 81-92.	2.2	51
126	On the nature and structure of new MoVTeO and MoVTeNbO crystalline phases. <i>Materials Research Society Symposia Proceedings</i> , 2002, 755, 1.	0.1	0

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127	Selective oxidation of propene to acrolein on Mo-Te mixed oxides catalysts prepared from ammonium telluromolybdates. <i>Journal of Molecular Catalysis A</i> , 2002, 184, 335-347.	4.8	29
128	The Preparation, Characterization, and Catalytic Behavior of MoVTeNbO Catalysts Prepared by Hydrothermal Synthesis. <i>Journal of Catalysis</i> , 2002, 209, 445-455.	3.1	155
129	Preparation, Characterisation and Catalytic Behaviour of a New TeVMoO Crystalline Phase. <i>Catalysis Letters</i> , 2002, 78, 383-387.	1.4	75
130	SiO ₂ -supported vanadium magnesium mixed oxides as selective catalysts for the oxydehydrogenation of short chain alkanes. <i>Applied Catalysis A: General</i> , 2001, 208, 99-110.	2.2	26
131	Vanadium Oxide Supported on Mesoporous MCM-41 as Selective Catalysts in the Oxidative Dehydrogenation of Alkanes. <i>Journal of Catalysis</i> , 2001, 203, 443-452.	3.1	211
132	Title is missing!. <i>Catalysis Letters</i> , 2001, 74, 149-154.	1.4	87
133	Oxidative dehydrogenation of ethane on vanadium-phosphorus oxide catalysts. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 1853-1858.	1.5	8
134	Effect of potassium on the structure and reactivity of vanadium species in VO _x /Al ₂ O ₃ catalysts. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 767-772.	1.5	8
135	Oxidative dehydrogenation of ethane on Cr, mixed Al/Cr and mixed Ga/Cr oxide pillared zirconium phosphate materials. <i>Journal of Molecular Catalysis A</i> , 2000, 153, 199-207.	4.8	20
136	Title is missing!. <i>Catalysis Letters</i> , 2000, 69, 217-221.	1.4	26
137	Modification of VPO catalysts for oxidative dehydrogenation of ethane. <i>Theoretical and Experimental Chemistry</i> , 1999, 35, 275-279.	0.2	4