

# Francisco Jose J Urbano

## List of Publications by Year in descending order

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173  
papers

6,829  
citations

57631

44  
h-index

74018

75  
g-index

175  
all docs

175  
docs citations

175  
times ranked

7214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous administration of cocaine and caffeine dysregulates HCN and T-type channels. <i>Psychopharmacology</i> , 2021, 238, 787-810.	1.5	5
2	Hydrogen photoproduction on TiO <sub>2</sub> -CuO artificial olive leaves. <i>Applied Catalysis A: General</i> , 2021, 620, 118178.	2.2	10
3	Effect of pH on the denitrification proteome of the soil bacterium <i>Paracoccus denitrificans</i> PD1222. <i>Scientific Reports</i> , 2021, 11, 17276.	1.6	18
4	EPR and CV studies cast further light on the origin of the enhanced hydrogen production through glycerol photoreforming on CuO:TiO <sub>2</sub> physical mixtures. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105336.	3.3	14
5	Fourth generation synthesis of solketal by glycerol acetalization with acetone: A solar-light photocatalytic approach. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 125, 297-303.	2.7	10
6	Bio-Templating: An Emerging Synthetic Technique for Catalysts. A Review. <i>Catalysts</i> , 2021, 11, 1364.	1.6	12
7	Hydrogen Production through Glycerol Photoreforming on TiO <sub>2</sub> /Mesoporous Carbon: Influence of the Synthetic Method. <i>Materials</i> , 2020, 13, 3800.	1.3	8
8	Correlation structure between agroclimatic big data and EVOO fatty acid profile determined by GC and NMR spectra. <i>Journal of Chemometrics</i> , 2020, 34, e3273.	0.7	2
9	Olive Leaves as Biotemplates for Enhanced Solar-Light Harvesting by a Titania-Based Solid. <i>Nanomaterials</i> , 2020, 10, 1057.	1.9	7
10	Functional approach and agroclimatic information to improve the estimation of olive oil fatty acid content from near-infrared data. <i>Food Science and Nutrition</i> , 2020, 8, 351-360.	1.5	5
11	Hydrogen Photo-Production from Glycerol Using Nickel-Doped TiO <sub>2</sub> Catalysts: Effect of Catalyst Pre-Treatment. <i>Energies</i> , 2019, 12, 3351.	1.6	13
12	Arousal and drug abuse. , 2019, , 115-129.		0
13	Local and Relayed Effects of Deep Brain Stimulation of the Pedunculopontine Nucleus. <i>Brain Sciences</i> , 2019, 9, 64.	1.1	12
14	Aldol Condensation of Furfural with Acetone Over Mg/Al Mixed Oxides. Influence of Water and Synthesis Method. <i>Catalysts</i> , 2019, 9, 203.	1.6	25
15	Influence of Boron, Tungsten and Molybdenum Modifiers on Zirconia Based Pt Catalyst for Glycerol Valorization. <i>Nanomaterials</i> , 2019, 9, 509.	1.9	13
16	Improving the prediction of the fatty acid profile of olive oils by considering statistically relevant harvests and agroclimatic variables. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3417-3425.	1.7	3
17	Photocatalytic production of hydrogen from binary mixtures of C-3 alcohols on Pt/TiO <sub>2</sub> : Influence of alcohol structure. <i>Catalysis Today</i> , 2019, 328, 2-7.	2.2	16
18	Bottom-up gamma and bipolar disorder, clinical and neuroepigenetic implications. <i>Bipolar Disorders</i> , 2019, 21, 108-116.	1.1	7

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19	Chemoselective hydrogenation of furfural to furfuryl alcohol on ZrO <sub>2</sub> systems synthesized through the microemulsion method. <i>Catalysis Today</i> , 2018, 306, 89-95.	2.2	38
20	MPV Reduction of Furfural to Furfuryl Alcohol on Mg, Zr, Ti, Zr@Ti, and Mg@Ti Solids: Influence of Acid-Base Properties. <i>Catalysts</i> , 2018, 8, 539.	1.6	14
21	The Critical Role of Intrinsic Membrane Oscillations. <i>NeuroSignals</i> , 2018, 26, 66-76.	0.5	13
22	Class II histone deacetylases require P/Q-type Ca <sup>2+</sup> channels and CaMKII to maintain gamma oscillations in the pedunculopontine nucleus. <i>Scientific Reports</i> , 2018, 8, 13156.	1.6	14
23	Exploring the Denitrification Proteome of <i>Paracoccus denitrificans</i> PD1222. <i>Frontiers in Microbiology</i> , 2018, 9, 1137.	1.5	41
24	Chemistry of Furfural and Furanic Derivatives. <i>Sustainable Chemistry Series</i> , 2018, , 1-30.	0.1	4
25	A comparative study of hydrogen photocatalytic production from glycerol and propan-2-ol on M/TiO <sub>2</sub> systems (M=Au, Pt, Pd). <i>Catalysis Today</i> , 2017, 280, 58-64.	2.2	71
26	Arousal and drug abuse. <i>Behavioural Brain Research</i> , 2017, 333, 276-281.	1.2	12
27	Microemulsion and Sol-Gel Synthesized ZrO <sub>2</sub> -MgO Catalysts for the Liquid-Phase Dehydration of Xylose to Furfural. <i>Molecules</i> , 2017, 22, 2257.	1.7	9
28	Effects of methamphetamine on locomotor activity and thalamic gene expression in leptin-deficient obese mice. <i>Translational Brain Rhythmicity</i> , 2017, 2, .	0.3	1
29	Differential alterations of intracellular [Ca <sup>2+</sup> ] dynamics induced by cocaine and methylphenidate in thalamocortical ventrobasal neurons. <i>Translational Brain Rhythmicity</i> , 2017, 2, .	0.3	2
30	Modulation of GABA release from the thalamic reticular nucleus by cocaine and caffeine: role of serotonin receptors. <i>Journal of Neurochemistry</i> , 2016, 136, 526-535.	2.1	29
31	Intracellular mechanisms modulating gamma band activity in the pedunculopontine nucleus (PPN). <i>Physiological Reports</i> , 2016, 4, e12787.	0.7	21
32	Chemometric study of Andalusian extra virgin olive oils Raman spectra: Qualitative and quantitative information. <i>Talanta</i> , 2016, 156-157, 180-190.	2.9	41
33	Recording Gamma Band Oscillations in Pedunculopontine Nucleus Neurons. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	3
34	Improving the estimations of fatty acids in several Andalusian PDO olive oils from NMR spectral data. <i>Journal of Applied Statistics</i> , 2016, 43, 1765-1793.	0.6	2
35	Cognitive enhancers versus addictive psychostimulants: The good and bad side of dopamine on prefrontal cortical circuits. <i>Pharmacological Research</i> , 2016, 109, 108-118.	3.1	46
36	Sustainable C-C bond formation through Knoevenagel reaction catalyzed by MgO-based catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 118, 247-265.	0.8	4

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37	Pedunculopontine arousal system physiology – Implications for insomnia. <i>Sleep Science</i> , 2015, 8, 92-99.	0.4	19
38	Pedunculopontine arousal system physiology – Effects of psychostimulant abuse. <i>Sleep Science</i> , 2015, 8, 162-168.	0.4	7
39	Selective transformation of glycerol into 1,2-propanediol on several Pt/ZnO solids: Further insight into the role and origin of catalyst acidity. <i>Catalysis Today</i> , 2015, 257, 246-258.	2.2	9
40	Familial hemiplegic migraine type-1 mutated cav2.1 calcium channels alter inhibitory and excitatory synaptic transmission in the lateral superior olive of mice. <i>Hearing Research</i> , 2015, 319, 56-68.	0.9	6
41	Differential Effects of Environment-Induced Changes in Body Temperature on Modafinil’s Actions Against Methamphetamine-Induced Striatal Toxicity in Mice. <i>Neurotoxicity Research</i> , 2015, 27, 71-83.	1.3	12
42	Gamma Band Activity. , 2015, , 171-207.		1
43	Drug Abuse and the RAS. , 2015, , 277-289.		0
44	Pedunculopontine arousal system physiology – Implications for schizophrenia. <i>Sleep Science</i> , 2015, 8, 82-91.	0.4	7
45	Deactivation study of supported Pt catalyst on glycerol hydrogenolysis. <i>Applied Catalysis A: General</i> , 2015, 507, 34-43.	2.2	30
46	A comparative study of Bi <sub>2</sub> WO <sub>6</sub> , CeO <sub>2</sub> , and TiO <sub>2</sub> as catalysts for selective photo-oxidation of alcohols to carbonyl compounds. <i>Applied Catalysis A: General</i> , 2015, 505, 375-381.	2.2	22
47	Sustainability metrics for a fossil- and renewable-based route for 1,2-propanediol production: A comparison. <i>Catalysis Today</i> , 2015, 239, 31-37.	2.2	51
48	Pedunculopontine Nucleus Gamma Band Activity-Preconscious Awareness, Waking, and REM Sleep. <i>Frontiers in Neurology</i> , 2014, 5, 210.	1.1	32
49	Water as solvent in the liquid-phase selective hydrogenation of crotonaldehyde to crotyl alcohol over Pt/ZnO: A factorial design approach. <i>Applied Catalysis B: Environmental</i> , 2014, 154-155, 369-378.	10.8	12
50	Synthesis of different ZnO-supported metal systems through microemulsion technique and application to catalytic transformation of glycerol to acetol and 1,2-propanediol. <i>Catalysis Today</i> , 2014, 223, 129-137.	2.2	39
51	Preparation and characterization of Pt-modified Co-based catalysts through the microemulsion technique: Preliminary results on the Fischer-Tropsch synthesis. <i>Catalysis Today</i> , 2014, 223, 66-75.	2.2	10
52	Acid-sensing ion channels 1a (ASIC1a) inhibit neuromuscular transmission in female mice. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C396-C406.	2.1	19
53	Modafinil improves methamphetamine-induced object recognition deficits and restores prefrontal cortex ERK signaling in mice. <i>Neuropharmacology</i> , 2014, 87, 188-197.	2.0	53
54	Activity and deactivation of catalysts based on zirconium oxide modified with metal chlorides in the MPV reduction of crotonaldehyde. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 386-395.	10.8	17

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55	Visualization of fast calcium oscillations in the parafascicular nucleus. Pflugers Archiv European Journal of Physiology, 2013, 465, 1327-1340.	1.3	20
56	Coherence and frequency in the reticular activating system (RAS). Sleep Medicine Reviews, 2013, 17, 227-238.	3.8	78
57	Spatiotemporal properties of high-speed calcium oscillations in the pedunculopontine nucleus. Journal of Applied Physiology, 2013, 115, 1402-1414.	1.2	44
58	Gamma band activity in the developing parafascicular nucleus. Journal of Neurophysiology, 2012, 107, 772-784.	0.9	36
59	Chemoselective crotonaldehyde hydrogen transfer reduction over pure and supported metal nitrates. Journal of Catalysis, 2012, 295, 242-253.	3.1	15
60	Catalytic transformation of glycerol on several metal systems supported on ZnO. Catalysis Today, 2012, 196, 91-100.	2.2	49
61	Selective photooxidation of alcohols as test reaction for photocatalytic activity. Applied Catalysis B: Environmental, 2012, 128, 150-158.	10.8	27
62	A comparative study of photocatalytic degradation of 3-chloropyridine under UV and solar light by homogeneous (photo-Fenton) and heterogeneous (TiO <sub>2</sub> ) photocatalysis. Applied Catalysis B: Environmental, 2012, 127, 316-322.	10.8	86
63	Gamma Band Activity in the Reticular Activating System. Frontiers in Neurology, 2012, 3, 6.	1.1	34
64	Study of structure-performance relationships in Meerwein-Ponndorf-Verley reduction of crotonaldehyde on several magnesium and zirconium-based systems. Catalysis Today, 2012, 187, 183-190.	2.2	30
65	XPS evidence for structure-performance relationship in selective hydrogenation of crotonaldehyde to crotyl alcohol on platinum systems supported on natural phosphates. Journal of Colloid and Interface Science, 2012, 382, 67-73.	5.0	20
66	CaV2.1 voltage activated calcium channels and synaptic transmission in familial hemiplegic migraine pathogenesis. Journal of Physiology (Paris), 2012, 106, 12-22.	2.1	14
67	Modafinil Abrogates Methamphetamine-Induced Neuroinflammation and Apoptotic Effects in the Mouse Striatum. PLoS ONE, 2012, 7, e46599.	1.1	73
68	Mechanism behind gamma band activity in the pedunculopontine nucleus. European Journal of Neuroscience, 2011, 34, 404-415.	1.2	86
69	Influence of the strong metal support interaction effect (SMSI) of Pt/TiO <sub>2</sub> and Pd/TiO <sub>2</sub> systems in the photocatalytic biohydrogen production from glucose solution. Catalysis Communications, 2011, 16, 1-6.	1.6	108
70	Attenuated methamphetamine induced neurotoxicity by modafinil administration in mice. Synapse, 2011, 65, 1087-1098.	0.6	32
71	Liquid and gas-phase Meerwein-Ponndorf-Verley reduction of crotonaldehyde on ZrO <sub>2</sub> catalysts modified with Al <sub>2</sub> O <sub>3</sub> , Ga <sub>2</sub> O <sub>3</sub> and In <sub>2</sub> O <sub>3</sub> . Journal of Molecular Catalysis A, 2011, 338, 121-121.	4.8	7
72	Effects of T-type calcium channel blockers on cocaine-induced hyperlocomotion and thalamocortical GABAergic abnormalities in mice. Psychopharmacology, 2010, 212, 205-214.	1.5	25

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73	Synthesis of (E)-nitroalkenes Catalysed by Ethanolamine Supported on Silica. <i>Catalysis Letters</i> , 2010, 134, 131-137.	1.4	6
74	Support and solvent effects on the liquid-phase chemoselective hydrogenation of crotonaldehyde over Pt catalysts. <i>Applied Catalysis A: General</i> , 2010, 385, 190-200.	2.2	54
75	A study on the potential application of natural phosphate in photocatalytic processes. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 475-481.	5.0	14
76	Titania nano-photocatalysts synthesized by ultrasound and microwave methodologies: Application in deperation of water from 3-chloropyridine. <i>Journal of Molecular Catalysis A</i> , 2010, 331, 58-63.	4.8	16
77	A nuclear magnetic resonance ( $^1\text{H}$ and $^{13}\text{C}$ ) and isotope ratio mass spectrometry ( $^{13}\text{C}$ , $^2\text{H}$ and $^{18}\text{O}$ ) study of Andalusian olive oils. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1457-1466.	0.7	34
78	Multiresidue Analysis of Low- and Medium-polarity Pesticides in Olive Oil by GC-MS/MS. , 2010, , 667-683.		1
79	An insight into the Meerwein-Ponndorf-Verley reduction of $\alpha,\beta$ -unsaturated carbonyl compounds: Tuning the acid-base properties of modified zirconia catalysts. <i>Journal of Catalysis</i> , 2009, 268, 79-88.	3.1	47
80	Cocaine Acute $\alpha$ -Binge Administration Results in Altered Thalamocortical Interactions in Mice. <i>Biological Psychiatry</i> , 2009, 66, 769-776.	0.7	28
81	Altered synaptic synchrony in motor nerve terminals lacking P/Q calcium channels. <i>Synapse</i> , 2008, 62, 466-471.	0.6	19
82	Modification of the photocatalytic activity of Pd/TiO <sub>2</sub> and Zn/TiO <sub>2</sub> systems through different oxidative and reductive calcination treatments. <i>Applied Catalysis B: Environmental</i> , 2008, 80, 88-97.	10.8	59
83	Photocatalytic degradation of chlorinated pyridines in titania aqueous suspensions. <i>Catalysis Today</i> , 2008, 138, 110-116.	2.2	24
84	Calcium channels, neuromuscular synaptic transmission and neurological diseases. <i>Journal of Neuroimmunology</i> , 2008, 201-202, 136-144.	1.1	17
85	$\beta$ -Band deficiency and abnormal thalamocortical activity in P/Q-type channel mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17819-17824.	3.3	94
86	Modafinil enhances thalamocortical activity by increasing neuronal electrotonic coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12554-12559.	3.3	121
87	Effect of the redox treatment of Pt/TiO <sub>2</sub> system on its photocatalytic behaviour in the gas phase selective photooxidation of propan-2-ol. <i>Catalysis Today</i> , 2007, 128, 235-244.	2.2	58
88	Screening of different zeolite-based catalysts for gas-phase selective photooxidation of propan-2-ol. <i>Catalysis Today</i> , 2007, 129, 102-109.	2.2	18
89	Individual and competitive liquid-phase hydrodechlorination of chlorinated pyridines over alkali-modified Pd/ZrO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2007, 76, 34-41.	10.8	24
90	Determination of herbicide residues in olive oil by gas chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2007, 105, 855-861.	4.2	48

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91	Oxygen-18 measurement of Andalusian olive oils by continuous flow pyrolysis/isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 487-496.	0.7	25
92	Synthesis, characterization and photocatalytic activity of different metal-doped titania systems. <i>Applied Catalysis A: General</i> , 2006, 306, 120-127.	2.2	271
93	Determination of diquat and paraquat in olive oil by ion-pair liquid chromatography-electrospray ionization mass spectrometry (MRM). <i>Food Chemistry</i> , 2006, 97, 181-188.	4.2	93
94	Somatomotor and oculomotor inferior olivary neurons have distinct electrophysiological phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16550-16555.	3.3	32
95	Photocatalytic degradation of herbicide fluroxypyr in aqueous suspension of TiO <sub>2</sub> . <i>Catalysis Today</i> , 2005, 101, 187-193.	2.2	52
96	Hydrodechlorination of 3-chloropyridine and chlorobenzene in methanol solution over alkali-modified zirconia-supported palladium catalysts. <i>Applied Catalysis B: Environmental</i> , 2005, 59, 275-283.	10.8	20
97	Rhythmic and dysrhythmic thalamocortical dynamics: GABA systems and the edge effect. <i>Trends in Neurosciences</i> , 2005, 28, 325-333.	4.2	482
98	Synthesis and textural-structural characterization of magnesia, magnesia-titania and magnesia-zirconia catalysts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 234, 17-25.	2.3	47
99	Magnesium-containing mixed oxides as basic catalysts: base characterization by carbon dioxide TPD-MS and test reactions. <i>Journal of Molecular Catalysis A</i> , 2004, 218, 81-90.	4.8	80
100	Liquid-phase hydrodehalogenation of substituted chlorobenzenes over palladium supported catalysts. <i>Applied Catalysis B: Environmental</i> , 2003, 43, 71-79.	10.8	58
101	Influence of the preparation method on the structural and surface properties of various magnesium oxides and their catalytic activity in the Meerwein-Ponndorf-Verley reaction. <i>Applied Catalysis A: General</i> , 2003, 244, 207-215.	2.2	130
102	Reduction of $\alpha,\beta$ -unsaturated aldehydes with basic MgO/M <sub>2</sub> O <sub>3</sub> catalysts (M=Al, Ga, In). <i>Applied Catalysis A: General</i> , 2003, 249, 1-9.	2.2	45
103	Catalytic hydrogen transfer from 2-propanol to cyclohexanone over basic Mg-Al oxides. <i>Applied Catalysis A: General</i> , 2003, 255, 301-308.	2.2	47
104	Synthesis and characterization of Pt/MgO catalysts and their use in n-hexane conversion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 225, 137-143.	2.3	5
105	Altered properties of quantal neurotransmitter release at endplates of mice lacking P/Q-type Ca <sup>2+</sup> channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3491-3496.	3.3	120
106	Temporal binding via cortical coincidence detection of specific and nonspecific thalamocortical inputs: A voltage-dependent dye-imaging study in mouse brain slices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 449-454.	3.3	259
107	Catalytic Application of Zeolites in the Methanol Conversion to Hydrocarbons. <i>Chemistry Letters</i> , 2002, 31, 672-673.	0.7	16
108	Calcium channels involved in neurotransmitter release at adult, neonatal and P/Q-type deficient neuromuscular junctions (Review). <i>Molecular Membrane Biology</i> , 2002, 19, 293-300.	2.0	46

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109	Cortical activation patterns evoked by afferent axons stimuli at different frequencies: an in vitro voltage-sensitive dye imaging study. <i>Thalamus &amp; Related Systems</i> , 2002, 1, 371-378.	0.5	32
110	Meerwein-Ponndorf-Verley reduction of cycloalkanones over magnesium-aluminium oxide. <i>Perkin Transactions II RSC</i> , 2002, , 1122-1125.	1.1	22
111	Isomerization of 3-Phenyl-1-Propene (Allylbenzene) over Base Catalysts. <i>Journal of Catalysis</i> , 2002, 211, 556-559.	3.1	9
112	Comparative Study of Mg/M(III) (M=Al, Ga, In) Layered Double Hydroxides Obtained by Coprecipitation and the Sol-Gel Method. <i>Journal of Solid State Chemistry</i> , 2002, 168, 156-161.	1.4	105
113	Influence of the structure and composition of magnesium phosphate catalysts on the transformation of 2-hexanol. <i>Journal of Molecular Catalysis A</i> , 2002, 182-183, 25-34.	4.8	10
114	Microemulsion-assisted synthesis of catalysts based on aluminium and magnesium phosphates. <i>Journal of Molecular Catalysis A</i> , 2002, 182-183, 35-46.	4.8	6
115	Liquid-phase hydrodechlorination of chlorobenzene over palladium-supported catalysts. <i>Journal of Molecular Catalysis A</i> , 2002, 184, 237-245.	4.8	72
116	$\alpha$ -Arylation of diethyl malonate via enolate with bases in a heterogeneous phase. <i>Tetrahedron Letters</i> , 2002, 43, 2847-2849.	0.7	32
117	An Approach to the Construction of Indexed Libraries for the Combinatorial Selection of Heterogeneous Catalysts. <i>Journal of Catalysis</i> , 2002, 209, 413-416.	3.1	12
118	Isomerization of 3-Phenyl-1-Propene (Allylbenzene) over Base Catalysts. <i>Journal of Catalysis</i> , 2002, 211, 556-559.	3.1	6
119	Effect of platinum salts on mesoporous silica materials synthesized via a non-ionic surfactant templating route. <i>Acta Materialia</i> , 2001, 49, 1957-1962.	3.8	5
120	Liquid-phase heterogeneous catalytic transfer hydrogenation of citral on basic catalysts. <i>Journal of Molecular Catalysis A</i> , 2001, 171, 153-158.	4.8	48
121	Hydrogenolysis of organohalogen compounds over palladium supported catalysts. <i>Journal of Molecular Catalysis A</i> , 2001, 173, 329-345.	4.8	313
122	Catalytic transfer hydrogenation of citral on calcined layered double hydroxides. <i>Applied Catalysis A: General</i> , 2001, 206, 95-101.	2.2	59
123	Epoxidation of limonene over hydrotalcite-like compounds with hydrogen peroxide in the presence of nitriles. <i>Applied Catalysis A: General</i> , 2001, 216, 257-265.	2.2	79
124	Activity of Basic Catalysts in the Meerwein-Ponndorf-Verley Reaction of Benzaldehyde with Ethanol. <i>Journal of Colloid and Interface Science</i> , 2001, 238, 385-389.	5.0	57
125	Synthesis and Characterization of Basic Catalysts Based on Sodium-Magnesium Mixed Phosphates and Their Use in the Conversion of 2-Hexanol. <i>Journal of Colloid and Interface Science</i> , 2001, 240, 237-244.	5.0	7
126	Catalytic use of zeolites in the Prins reaction of arylalkenes. <i>Catalysis Letters</i> , 2001, 73, 203-206.	1.4	21



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127	The effect of the addition of sodium compounds in the liquid-phase hydrodechlorination of chlorobenzene over palladium catalysts. <i>Applied Catalysis B: Environmental</i> , 2001, 31, 163-171.	10.8	58
128	Non-ionic surfactant templated synthesis of mesoporous silica in the presence of platinum salts. <i>Studies in Surface Science and Catalysis</i> , 2000, , 891-898.	1.5	0
129	Rapid determination of chlorogenic acid and related compounds in sunflower seeds by high-performance liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1019-1022.	0.7	15
130	Characterization of the Structure and Catalytic Activity of Pt/Sepiolite Catalysts. <i>Journal of Colloid and Interface Science</i> , 2000, 227, 469-475.	5.0	12
131	Transformation of cyclohexene on palladium catalysts: activity and deactivation. <i>Journal of Molecular Catalysis A</i> , 2000, 151, 261-269.	4.8	15
132	Hydrogenolysis of aryl halides by hydrogen gas and hydrogen transfer over palladium-supported catalysts. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 2000, 3, 465-470.	0.1	6
133	The surface structure of catalysts activated with hydrogen donors as elucidated by multinuclear solid-state NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2000, 16, 217-224.	1.5	2
134	Preparation of Pt/MgO catalysts. Influence of the precursor metal salt and solvent used. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 168, 27-33.	2.3	21
135	Use of new tin orthophosphates as catalysts for the gas-phase dehydrogenation-dehydration of alcohols. <i>Studies in Surface Science and Catalysis</i> , 2000, , 2141-2146.	1.5	0
136	Synthesis and acid-base properties of catalysts based on magnesium and sodium-magnesium mixed phosphates. <i>Studies in Surface Science and Catalysis</i> , 2000, , 899-906.	1.5	1
137	Hydrodehalogenation of aryl halides by hydrogen gas and hydrogen transfer in the presence of palladium catalysts. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 2003-2008.	1.5	11
138	XRD and <sup>1</sup> H MAS NMR spectroscopic study of mixed oxides obtained by calcination of layered-double hydroxides. <i>Materials Letters</i> , 2000, 46, 309-314.	1.3	27
139	Synthesis and characterization of a novel Mg/In hydrotalcite-like compound. <i>Materials Letters</i> , 2000, 43, 118-121.	1.3	20
140	Comparison of different organic test reactions over acid-base catalysts. <i>Applied Catalysis A: General</i> , 1999, 184, 115-125.	2.2	56
141	Comparative study of Mg/Al and Mg/Ga layered double hydroxides. <i>Microporous and Mesoporous Materials</i> , 1999, 29, 319-328.	2.2	77
142	Synthesis and Characterization of ZrO <sub>2</sub> as Acid-Base Catalysts: Reactivity of 2-Methyl-3-butyn-2-ol. <i>Journal of Catalysis</i> , 1999, 183, 240-250.	3.1	38
143	Influence of the Reaction Conditions and Catalytic Properties on the Liquid-Phase Hydrodechlorination of Chlorobenzene over Palladium-Supported Catalysts: Activity and Deactivation. <i>Journal of Catalysis</i> , 1999, 187, 392-399.	3.1	144
144	L-Type calcium channels unmasked by cell-permeant Ca <sup>2+</sup> buffer at mouse motor nerve terminals. <i>Pflügers Archiv European Journal of Physiology</i> , 1999, 437, 523-528.	1.3	34

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