

Anabela A Valente

List of Publications by Year in descending order

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papers

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44069

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#	ARTICLE	IF	CITATIONS
1	$\hat{\beta}$ -Valerolactone synthesis from $\hat{\alpha}$ -angelica lactone and levulinic acid over biobased multifunctional nanohybrid catalysts. <i>Catalysis Today</i> , 2022, 394-396, 268-281.	4.4	7
2	Epoxidation catalysts prepared by encapsulation of molybdenum hexacarbonyl in UiO-66(Zr/Hf)-type metal-organic frameworks. <i>Microporous and Mesoporous Materials</i> , 2022, 330, 111603.	4.4	6
3	Renewable bio-based routes to $\hat{\beta}$ -valerolactone in the presence of hafnium nanocrystalline or hierarchical microcrystalline zeotype catalysts. <i>Journal of Catalysis</i> , 2022, 406, 56-71.	6.2	11
4	Selective isomerization of $\hat{\alpha}$ -pinene oxide to campholenic aldehyde by ionic liquid-supported indenyl-molybdenum(II)-bipyridine complexes. <i>Journal of Organometallic Chemistry</i> , 2022, 970-971, 122372.	1.8	1
5	Catalytic isomerization of d-glucose to d-fructose over BEA base zeotypes using different energy supply methods. <i>Catalysis Today</i> , 2021, 362, 162-174.	4.4	17
6	A silicododecamolybdate/pyridinium-tetrazole hybrid molecular salt as a catalyst for the epoxidation of bio-derived olefins. <i>Inorganica Chimica Acta</i> , 2021, 516, 120129.	2.4	5
7	Heterogeneous catalysis with an organic-inorganic hybrid based on MoO ₃ chains decorated with 2,2'-biimidazole ligands. <i>Catalysis Science and Technology</i> , 2021, 11, 2214-2228.	4.1	8
8	Versatile Coordination Polymer Catalyst for Acid Reactions Involving Biobased Heterocyclic Chemicals. <i>Catalysts</i> , 2021, 11, 190.	3.5	8
9	A hafnium-based metal-organic framework for the entrapment of molybdenum hexacarbonyl and the light-responsive release of the gas transmitter carbon monoxide. <i>Materials Science and Engineering C</i> , 2021, 124, 112053.	7.3	10
10	Hydrophobic/Hydrophilic Interplay in 1,2,4-Triazole- or Carboxylate-Based Molybdenum(VI) Oxide Hybrids: A Step Toward Development of Reaction-Induced Self-Separating Catalysts. <i>ChemCatChem</i> , 2021, 13, 3090-3098.	3.7	4
11	A 5-(2-Pyridyl)tetrazolate Complex of Molybdenum(VI), Its Structure, and Transformation to a Molybdenum Oxide-Based Hybrid Heterogeneous Catalyst for the Epoxidation of Olefins. <i>Catalysts</i> , 2021, 11, 1407.	3.5	7
12	Catalytic Transfer Hydrogenation and Acid Reactions of Furfural and 5-(Hydroxymethyl)furfural over Hf-TUD-1 Type Catalysts. <i>Molecules</i> , 2021, 26, 7203.	3.8	7
13	Optimization of continuous-flow heterogeneous catalytic oligomerization of 1-butene by design of experiments and response surface methodology. <i>Fuel</i> , 2020, 259, 116256.	6.4	16
14	Simple Hybrids Based on Mo or W Oxides and Diamines: Structure Determination and Catalytic Properties. <i>Catalysis Letters</i> , 2020, 150, 713-727.	2.6	5
15	Adsorption heat pumps for heating applications. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 119, 109528.	16.4	50
16	Oxidation of sulfides in aqueous media catalyzed by pyrazole-oxidoperoxido-molybdenum(VI) complexes. <i>Inorganica Chimica Acta</i> , 2020, 511, 119814.	2.4	3
17	Ionic Liquids Based on Oxidoperoxido-Molybdenum(VI) Complexes with a Chelating Picolinate Ligand for Catalytic Epoxidation. <i>Reactions</i> , 2020, 1, 147-161.	2.1	1
18	Intercalation of $\hat{\alpha}$ -Pentamethylcyclopentadienyltrioxomolybdenum(VI) in a Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2408-2416.	2.0	2

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19	Copper foam coated with CPO-27(Ni) metal-organic framework for adsorption heat pump: Simulation study using OpenFOAM. Applied Thermal Engineering, 2020, 178, 115498.	6.0	15
20	Modified Versions of AMO for the Aqueous Phase Isomerization of Aldose Saccharides. European Journal of Inorganic Chemistry, 2020, 2020, 1579-1588.	2.0	6
21	One-Pot Intercalation Strategy for the Encapsulation of a CO-Releasing Organometallic Molecule in a Layered Double Hydroxide. European Journal of Inorganic Chemistry, 2020, 2020, 2726-2736.	2.0	4
22	Mild Liquid Phase Oxidation of Benzyl Alcohol in the Presence of Microporous Framework Copper Silicates. European Journal of Inorganic Chemistry, 2020, 2020, 1172-1176.	2.0	7
23	Multifunctionality and cytotoxicity of a layered coordination polymer. Dalton Transactions, 2020, 49, 3989-3998.	3.3	5
24	Optimized preparation and regeneration of MFI type base catalysts for D-glucose isomerization in water. Catalysis Science and Technology, 2020, 10, 3232-3246.	4.1	12
25	A hydrogen-bonded assembly of cucurbit[6]uril and [MoO ₂ Cl ₂ (H ₂ O) ₂] with catalytic efficacy for the one-pot conversion of olefins to alkoxy products. Dalton Transactions, 2019, 48, 11508-11519.	3.3	2
26	Efficient Isomerization of \pm -Pinene Oxide to Campholenic Aldehyde Promoted by a Mixed-Ring Analogue of Molybdenocene. ACS Sustainable Chemistry and Engineering, 2019, 7, 13639-13645.	6.7	11
27	A Comparative Study of Molybdenum Carbonyl and Oxomolybdenum Derivatives Bearing 1,2,3-Triazole or 1,2,4-Triazoles in Catalytic Olefin Epoxidation. Molecules, 2019, 24, 105.	3.8	5
28	Catalytic Conversion of 1-butene over Modified Versions of Commercial ZSM-5 to Produce Clean Fuels and Chemicals. ChemCatChem, 2019, 11, 4196-4209.	3.7	10
29	Olefin oligomerisation over nanocrystalline MFI-based micro/mesoporous zeotypes synthesised via bottom-up approaches. Renewable Energy, 2019, 138, 820-832.	8.9	11
30	Niobium pentoxide nanomaterials with distorted structures as efficient acid catalysts. Communications Chemistry, 2019, 2, .	4.5	59
31	A Molybdenum Trioxide Hybrid Decorated by 3-(1,2,4-Triazol-4-yl)adamantane-1-carboxylic Acid: A Promising Reaction-Induced Self-Separating (RISS) Catalyst. Inorganic Chemistry, 2019, 58, 16424-16433.	4.0	8
32	Detecting Proton Transfer in CO ₂ Species Chemisorbed on Amine-Modified Mesoporous Silicas by Using ¹³ C-NMR Chemical Shift Anisotropy and Smart Control of Amine Surface Density. Chemistry - A European Journal, 2018, 24, 10136-10145.	3.3	21
33	Adsorption heat pump optimization by experimental design and response surface methodology. Applied Thermal Engineering, 2018, 138, 849-860.	6.0	20
34	Performance of chiral tetracarbonylmolybdenum pyridanyl amine complexes in catalytic olefin epoxidation. Journal of Organometallic Chemistry, 2018, 858, 29-36.	1.8	6
35	Molybdenum(0) tricarbonyl and tetracarbonyl complexes with a cationic pyrazolopyridine ligand: synthesis, crystal structures and catalytic performance in olefin epoxidation. RSC Advances, 2018, 8, 16294-16302.	3.6	9
36	A Linear Trinuclear Oxidodiperoxomolybdenum(VI) Complex with Single Triazole Bridges: Catalytic Activity in Epoxidation, Alcoholysis, and Acetalization Reactions. ChemCatChem, 2018, 10, 2782-2791.	3.7	14

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37	Mesostructured Catalysts Based on the BEA Topology for Olefin Oligomerisation. <i>ChemCatChem</i> , 2018, 10, 2741-2754.	3.7	11
38	Acid-catalyzed epoxide alcoholysis in the presence of indenyl molybdenum carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2018, 855, 12-17.	1.8	8
39	An Organotin Vanadate with Sodalite Topology and Catalytic Versatility in Oxidative Transformations. <i>ChemCatChem</i> , 2018, 10, 3481-3489.	3.7	3
40	High-yield synthesis and catalytic response of chainlike hybrid materials of the [(MoO ₃) _m (2,2'-bipyridine) _n] family. <i>New Journal of Chemistry</i> , 2018, 42, 16483-16492.	2.8	6
41	Ionic ammonium and anilinium based polymolybdate hybrid catalysts for olefin epoxidation. <i>Applied Catalysis A: General</i> , 2018, 564, 13-25.	4.3	10
42	One-pot hydrogen production and cascade reaction of furfural to bioproducts over bimetallic Pd-Ni TUD-1 type mesoporous catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 521-537.	20.2	17
43	Robust Multifunctional Yttrium-Based Metal-Organic Frameworks with Breathing Effect. <i>Inorganic Chemistry</i> , 2017, 56, 1193-1208.	4.0	47
44	Synthesis, structure and catalytic olefin epoxidation activity of a dinuclear oxo-bridged oxodiperoxomolybdenum(VI) complex containing coordinated 4,4'-bipyridinium. <i>Molecular Catalysis</i> , 2017, 432, 104-114.	2.0	19
45	Performance of a tetracarbonylmolybdenum(O) pyrazolylpyridine (pre)catalyst in olefin epoxidation and epoxide alcoholysis. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 185-192.	1.8	9
46	Behavior of Triazolylmolybdenum(VI) Oxide Hybrids as Oxidation Catalysts with Hydrogen Peroxide. <i>Catalysis Letters</i> , 2017, 147, 1133-1143.	2.6	14
47	Triazolyl, Imidazolyl, and Carboxylic Acid Moieties in the Design of Molybdenum Trioxide Hybrids: Photophysical and Catalytic Behavior. <i>Inorganic Chemistry</i> , 2017, 56, 4380-4394.	4.0	20
48	Chemistry and Catalytic Performance of Pyridyl-Benzimidazole Oxidomolybdenum(VI) Compounds in (Bio)Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2617-2627.	2.0	17
49	TUD-1 type aluminosilicate acid catalysts for 1-butene oligomerisation. <i>Fuel</i> , 2017, 209, 371-382.	6.4	20
50	MFI Acid Catalysts with Different Crystal Sizes and Porosity for the Conversion of Furanic Compounds in Alcohol Media. <i>ChemCatChem</i> , 2017, 9, 2747-2759.	3.7	17
51	Photoluminescent porous and layered lanthanide silicates: A review. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 73-97.	4.4	14
52	Catalytic alcoholysis of epoxides using metal-free cucurbituril-based solids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3873-3877.	2.8	18
53	Oxidomolybdenum complexes for acid catalysis using alcohols as solvents and reactants. <i>Catalysis Science and Technology</i> , 2016, 6, 5207-5218.	4.1	9
54	Bulk and composite catalysts combining BEA topology and mesoporosity for the valorisation of furfural. <i>Catalysis Science and Technology</i> , 2016, 6, 7812-7829.	4.1	23

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55	Experimental and theoretical analysis of the diffusion behavior of chromium(III) acetylacetonate in supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2016, 118, 153-162.	3.2	12
56	A Lamellar Coordination Polymer with Remarkable Catalytic Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 13136-13146.	3.3	23
57	Metal oxide-triazole hybrids as heterogeneous or reaction-induced self-separating catalysts. <i>Journal of Catalysis</i> , 2016, 340, 354-367.	6.2	24
58	Catalytic Application of an Octamolybdate Salt (H ₃ biim) ₄ [¹² -Mo ₈ O ₂₆] in Olefin Epoxidation (H ₂ biim) ₂ ·2·biimidazole). <i>Catalysis Letters</i> , 2016, 146, 841-850.	2.6	10
59	Analysis of equilibrium and kinetic parameters of water adsorption heating systems for different porous metal/metalloid oxide adsorbents. <i>Applied Thermal Engineering</i> , 2016, 100, 215-226.	6.0	13
60	Measurement and modeling of tracer diffusivities of α -pinene in supercritical CO ₂ , and analysis of their hydrodynamic and free-volume behaviors. <i>Journal of Supercritical Fluids</i> , 2016, 107, 690-698.	3.2	7
61	Integrated reduction and acid-catalysed conversion of furfural in alcohol medium using Zr,Al-containing ordered micro/mesoporous silicates. <i>Applied Catalysis B: Environmental</i> , 2016, 182, 485-503.	20.2	93
62	Catalytic isomerisation of α -pinene oxide in the presence of ETS-10 supported ferrocenium ions. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 66-71.	1.8	6
63	Application of the novel ETS-10/water pair in cyclic adsorption heating processes: Measurement of equilibrium and kinetics properties and simulation studies. <i>Applied Thermal Engineering</i> , 2015, 87, 412-423.	6.0	20
64	Crystal Structure and Catalytic Behavior in Olefin Epoxidation of a One-Dimensional Tungsten Oxide/Bipyridine Hybrid. <i>Inorganic Chemistry</i> , 2015, 54, 9690-9703.	4.0	18
65	One-pot conversion of furfural to useful bio-products in the presence of a Sn,Al-containing zeolite beta catalyst prepared via post-synthesis routes. <i>Journal of Catalysis</i> , 2015, 329, 522-537.	6.2	124
66	Sustainable synthesis of a catalytic active one-dimensional lanthanide-organic coordination polymer. <i>Chemical Communications</i> , 2015, 51, 10807-10810.	4.1	31
67	Ring-opening of epoxides promoted by organomolybdenum complexes of the type [(¹ -5-C ₅ H ₄ R)Mo(CO) ₂ (¹ -3-C ₃ H ₅)] and [(¹ -5-C ₅ H ₅)Mo(CO) ₃ (CH ₂ R)]. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 179-183.	1.8	13
68	Synthesis and Structural Elucidation of Triazolymolybdenum(VI) Oxide Hybrids and Their Behavior as Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2015, 54, 8327-8338.	4.0	36
69	Crystal structure and temperature-dependent luminescence of a heterotetranuclear sodium-europium(ⁱⁱⁱ) ¹² -diketonate complex. <i>Dalton Transactions</i> , 2015, 44, 488-492.	3.3	36
70	Incorporation of a dioxomolybdenum(VI) complex in a ZrIV-based Metal-Organic Framework and its application in catalytic olefin epoxidation. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 106-114.	4.4	38
71	Post-synthetic modification of crystal-like periodic mesoporous phenylene-silica with ferrocenyl groups. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 501-507.	1.8	11
72	Sulfonated Graphene Oxide as Effective Catalyst for Conversion of 5-(Hydroxymethyl)-furfural into Biofuels. <i>ChemSusChem</i> , 2014, 7, 804-812.	6.8	90

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73	Catalytic olefin epoxidation with a carboxylic acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 205-211.	1.8	13
74	Investigation of a dichlorodioxomolybdenum(vi)-pyrazolylpyridine complex and a hybrid derivative as catalysts in olefin epoxidation. <i>Dalton Transactions</i> , 2014, 43, 6059.	3.3	34
75	Multifunctional micro- and nanosized metal-organic frameworks assembled from bisphosphonates and lanthanides. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3311.	5.5	44
76	Solid acids with SO ₃ H groups and tunable surface properties: versatile catalysts for biomass conversion. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11813-11824.	10.3	98
77	Mesoporous zirconia-based mixed oxides as versatile acid catalysts for producing bio-additives from furfuryl alcohol and glycerol. <i>Applied Catalysis A: General</i> , 2014, 487, 148-157.	4.3	31
78	Triazolyl-Based Copper-Molybdate Hybrids: From Composition Space Diagram to Magnetism and Catalytic Performance. <i>Inorganic Chemistry</i> , 2014, 53, 10112-10121.	4.0	38
79	Synthesis, Structural Elucidation, and Catalytic Properties in Olefin Epoxidation of the Polymeric Hybrid Material [Mo ₃ O ₉ (2-[3(5)-Pyrazolyl]pyridine)] _n . <i>Inorganic Chemistry</i> , 2014, 53, 2652-2665.	4.0	38
80	Mesoporous carbon-silica solid acid catalysts for producing useful bio-products within the sugar-platform of biorefineries. <i>Green Chemistry</i> , 2014, 16, 4292-4305.	9.0	62
81	Application of an indenyl molybdenum dicarbonyl complex in the isomerisation of β -pinene oxide to campholenic aldehyde. <i>New Journal of Chemistry</i> , 2014, 38, 3172.	2.8	10
82	Isomerization of β -pinene oxide in the presence of methyltrioxorhenium(VII). <i>Catalysis Communications</i> , 2013, 35, 40-44.	3.3	12
83	Preparation of crystal-like periodic mesoporous phenylene-silica derivatized with ferrocene and its use as a catalyst for the oxidation of styrene. <i>Dalton Transactions</i> , 2013, 42, 14612.	3.3	6
84	Conversion of furfuryl alcohol to ethyl levulinate using porous aluminosilicate acid catalysts. <i>Catalysis Today</i> , 2013, 218-219, 76-84.	4.4	111
85	Hydrothermal Synthesis, Crystal Structure, and Catalytic Potential of a One-Dimensional Molybdenum Oxide/Bipyridinedicarboxylate Hybrid. <i>Inorganic Chemistry</i> , 2013, 52, 4618-4628.	4.0	40
86	Production of biomass-derived furanic ethers and levulinate esters using heterogeneous acid catalysts. <i>Green Chemistry</i> , 2013, 15, 3367.	9.0	89
87	Synthesis and characterization of CpMo(CO) ₃ (CH ₂ -pC ₆ H ₄ -CO ₂ CH ₃) and its inclusion compounds with methylated cyclodextrins. Applications in olefin epoxidation catalysis. <i>Journal of Organometallic Chemistry</i> , 2013, 730, 116-122.	1.8	8
88	Alkoxylation of camphene over silica-occluded tungstophosphoric acid. <i>Applied Catalysis A: General</i> , 2013, 451, 36-42.	4.3	22
89	Aqueous phase reactions of pentoses in the presence of nanocrystalline zeolite beta: Identification of by-products and kinetic modelling. <i>Chemical Engineering Journal</i> , 2013, 215-216, 772-783.	12.7	36
90	Intercalation of a molybdenum(0)-tetracarbonyl-bipyridine complex in a layered double hydroxide. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 53-59.	1.8	10

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91	Intercalation of a molybdenum λ^3 -allyl dicarbonyl complex in a layered double hydroxide and catalytic performance in olefinepoxidation. Dalton Transactions, 2013, 42, 8231-8240.	3.3	21
92	Tris(pyrazolyl)methane molybdenum tricarbonyl complexes as catalyst precursors for olefin epoxidation. Journal of Molecular Catalysis A, 2013, 370, 64-74.	4.8	22
93	A dinuclear oxo-bridged molybdenum(VI) complex containing a bidentate pyrazolylpyridine ligand: Structure, characterization and catalytic performance for olefin epoxidation. Inorganic Chemistry Communication, 2013, 32, 59-63.	3.9	14
94	Lanthanide-polyphosphonate coordination polymers combining catalytic and photoluminescence properties. Chemical Communications, 2013, 49, 6400.	4.1	51
95	Microwave-assisted coating of carbon nanostructures with titanium dioxide for the catalytic dehydration of d-xylose into furfural. RSC Advances, 2013, 3, 2595.	3.6	45
96	Photoluminescent Metal-Organic Frameworks: Rapid Preparation, Catalytic Activity, and Framework Relationships. European Journal of Inorganic Chemistry, 2013, 2013, 5576-5591.	2.0	11
97	Molybdenum(vi) catalysts obtained from λ^3 -allyl dicarbonyl precursors: Synthesis, characterization and catalytic performance in cyclooctene epoxidation. Dalton Transactions, 2012, 41, 3474.	3.3	45
98	Molybdenum(II) Diiodo-Tricarbonyl Complexes Containing Nitrogen Donor Ligands as Catalyst Precursors for the Epoxidation of Methyl Oleate. Catalysis Letters, 2012, 142, 1218-1224.	2.6	27
99	Catalytic dehydration of d-xylose to 2-furfuraldehyde in the presence of Zr-(W,Al) mixed oxides. Tracing by-products using two-dimensional gas chromatography-time-of-flight mass spectrometry. Catalysis Today, 2012, 195, 127-135.	4.4	36
100	Multi-functional metal-organic frameworks assembled from a tripodal organic linker. Journal of Materials Chemistry, 2012, 22, 18354.	6.7	50
101	Coupling of Nanoporous Chromium, Aluminium-Containing Silicates with an Ionic Liquid for the Transformation of Glucose into 5-(Hydroxymethyl)-2-furaldehyde. Molecules, 2012, 17, 3690-3707.	3.8	7
102	An Octanuclear Molybdenum(VI) Complex Containing Coordinatively Bound 4,4'-di-tert-Butyl-2,2'-Bipyridine, [Mo ₈ O ₂₂ (OH) ₄ (di-tBu-bipy) ₄]: Synthesis, Structure, and Catalytic Epoxidation of Bio-Derived Olefins. Inorganic Chemistry, 2012, 51, 3666-3676.	4.0	44
103	Synthesis, Structural Elucidation, and Application of a Pyrazolylpyridine-Molybdenum Oxide Composite as a Heterogeneous Catalyst for Olefin Epoxidation. Inorganic Chemistry, 2012, 51, 8629-8635.	4.0	32
104	Isomerisation of λ^1 -pinene oxide in the presence of indenyl allyl dicarbonyl molybdenum(II) and tungsten(II) complexes. Catalysis Communications, 2012, 23, 58-61.	3.3	15
105	Epoxidation of olefins using a dichlorodioxomolybdenum(VI)-pyridylimine complex as catalyst. Inorganica Chimica Acta, 2012, 387, 234-239.	2.4	20
106	Aqueous-phase dehydration of xylose to furfural in the presence of MCM-22 and ITQ-2 solid acid catalysts. Applied Catalysis A: General, 2012, 417-418, 243-252.	4.3	92
107	A dinuclear oxomolybdenum(VI) complex, [Mo ₂ O ₆ (4,4'-di-tert-butyl-2,2'-bipyridine) ₂], displaying the {MoO ₂ (μ^4 -O) ₂ MoO ₂ } ₀ core, and its use as a catalyst in olefin epoxidation. Inorganic Chemistry Communication, 2012, 20, 147-152.	3.9	25
108	Ionic Liquids: Advanced Reaction Media for Organic Synthesis. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1205-1216.	1.6	13

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109	Epoxidation of DL-limonene using an indenyl molybdenum(II) tricarbonyl complex as catalyst precursor. <i>Catalysis Communications</i> , 2011, 15, 64-67.	3.3	16
110	Chemistry and Catalytic Activity of Molybdenum(VI)-Pyrazolylpyridine Complexes in Olefin Epoxidation. Crystal Structures of Monomeric Dioxo, Dioxo-1/4-oxo, and Oxodiperoxo Derivatives. <i>Inorganic Chemistry</i> , 2011, 50, 525-538.	4.0	50
111	Synthesis and Catalytic Properties of Molybdenum(VI) Complexes with Tris(3,5-dimethyl-1-pyrazolyl)methane. <i>Inorganic Chemistry</i> , 2011, 50, 3490-3500.	4.0	44
112	Epoxidation of cyclooctene using soluble or MCM-41-supported molybdenum tetracarbonyl-pyridylimine complexes as catalyst precursors. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3543-3550.	1.8	31
113	Catalytic dehydration of xylose to furfural: vanadyl pyrophosphate as source of active soluble species. <i>Carbohydrate Research</i> , 2011, 346, 2785-2791.	2.3	60
114	Ionic Liquids as Tools for the Acid-Catalyzed Hydrolysis/Dehydration of Saccharides to Furanic Aldehydes. <i>ChemCatChem</i> , 2011, 3, 1686-1706.	3.7	60
115	Thermal Transformation of a Layered Multifunctional Network into a Metal-Organic Framework Based on a Polymeric Organic Linker. <i>Journal of the American Chemical Society</i> , 2011, 133, 15120-15138.	13.7	59
116	Oxidation of Ethylbenzene in the Presence of an MCM-41-Supported or Ionic Liquid-Standing Bischlorocopper(II) Complex. <i>Catalysis Letters</i> , 2011, 141, 1009-1017.	2.6	12
117	Heterogeneous oxidation catalysts formed in situ from molybdenum tetracarbonyl complexes and tert-butyl hydroperoxide. <i>Applied Catalysis A: General</i> , 2011, 395, 71-77.	4.3	34
118	Investigation of Molybdenum Tetracarbonyl Complexes As Precursors to Mo ^{VI} Catalysts for the Epoxidation of Olefins. <i>Organometallics</i> , 2010, 29, 883-892.	2.3	57
119	Dehydration of Xylose into Furfural in the Presence of Crystalline Microporous Silicoaluminophosphates. <i>Catalysis Letters</i> , 2010, 135, 41-47.	2.6	104
120	Dioxomolybdenum(VI) Epoxidation Catalyst Supported on Mesoporous Silica Containing Phosphane Oxide Groups. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 602-607.	2.0	8
121	Nanostructured Dioxomolybdenum(VI) Catalyst for the Liquid-Phase Epoxidation of Olefins. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1405-1412.	2.0	11
122	Grafting of Molecularly Ordered Mesoporous Phenylene-Silica with Molybdenum Carbonyl Complexes: Efficient Heterogeneous Catalysts for the Epoxidation of Olefins. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1759-1769.	4.3	28
123	Catalytic olefin epoxidation with cationic molybdenum(VI) cis-dioxo complexes and ionic liquids. <i>Applied Catalysis A: General</i> , 2010, 372, 67-72.	4.3	33
124	Complexation of crystal-like mesoporous phenylene-silica with Cr(CO) ₃ and catalytic performance in the oxidation of cyclooctene. <i>Journal of Molecular Catalysis A</i> , 2010, 332, 13-18.	4.8	12
125	Cyclopentadienyl molybdenum dicarbonyl η^3 -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of Cp [*] Mo(CO) ₂ (η^3 -C ₃ H ₅) (Cp [*] = Δ^5 -C ₅ H ₄ Me, Δ^5 -C ₅ Me ₅). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2311-2319.	1.8	36
126	Microwave-assisted molybdenum-catalysed epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2010, 320, 19-26.	4.8	36

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127	Catalytic cyclodehydration of xylose to furfural in the presence of zeolite H-Beta and a micro/mesoporous Beta/TUD-1 composite material. <i>Applied Catalysis A: General</i> , 2010, 388, 141-148.	4.3	122
128	Catalytic Performance of Ceria Nanorods in Liquid-Phase Oxidations of Hydrocarbons with tert-Butyl Hydroperoxide. <i>Molecules</i> , 2010, 15, 747-765.	3.8	33
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