

Carla D Nunes

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1797127/carla-d-nunes-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

1,788
citations

26
h-index

39
g-index

79
ext. papers

1,886
ext. citations

4.5
avg, IF

4.52
L-index

#	Paper	IF	Citations
75	MCM-41 functionalized with bipyridyl groups and its use as a support for oxomolybdenum(VI) catalysts. <i>Journal of Materials Chemistry</i> , 2002 , 12, 1735-1742		150
74	Loading and delivery of sertraline using inorganic micro and mesoporous materials. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 66, 357-65	5.7	95
73	Kinetics of Cyclooctene Epoxidation with tert-Butyl Hydroperoxide in the Presence of [MoO ₂ X ₂ L]-Type Catalysts (L = Bidentate Lewis Base). <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1716-1723	2.3	68
72	Layered Double Hydroxide Nanoclusters: Aqueous, Concentrated, Stable, and Catalytically Active Colloids toward Green Chemistry. <i>ACS Nano</i> , 2016 , 10, 5550-9	16.7	67
71	Molecular structure-activity relationships for the oxidation of organic compounds using mesoporous silica catalysts derivatised with bis(halogeno)dioxomolybdenum(VI) complexes. <i>Chemistry - A European Journal</i> , 2003 , 9, 4380-90	4.8	64
70	Dichloro and dimethyl dioxomolybdenum(VI) diazabutadiene complexes as catalysts for the epoxidation of olefins. <i>New Journal of Chemistry</i> , 2004 , 28, 308-313	3.6	63
69	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2004 , 218, 5-11		60
68	Synthesis and characterisation of organo-silica hydrophobic clay heterostructures for volatile organic compounds removal. <i>Microporous and Mesoporous Materials</i> , 2008 , 111, 612-619	5.3	54
67	Heptacoordinate tricarbonyl Mo(II) complexes as highly selective oxidation homogeneous and heterogeneous catalysts. <i>Journal of Catalysis</i> , 2008 , 256, 301-311	7.3	45
66	Dioxomolybdenum(VI)-Modified Mesoporous MCM-41 and MCM-48 Materials for the Catalytic Epoxidation of Olefins. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3870-3877	2.3	45
65	Synthesis and Characterization of Methyltrioxorhenium(VII) Immobilized in Bipyridyl-Functionalized Mesoporous Silica. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1100-1107	2.3	44
64	Titanate nanofibers sensitized with ZnS and Ag ₂ S nanoparticles as novel photocatalysts for phenol removal. <i>Applied Catalysis B: Environmental</i> , 2017 , 218, 709-720	21.8	42
63	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005 , 236, 1-6		42
62	Preparation and catalytic properties of a new dioxomolybdenum(VI) complex covalently anchored to mesoporous MCM-48. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1228-1233	3.1	41
61	Highly selective and recyclable MoO ₃ nanoparticles in epoxidation catalysis. <i>Applied Catalysis A: General</i> , 2015 , 504, 344-350	5.1	40
60	Vanadyl cationic complexes as catalysts in olefin oxidation. <i>Dalton Transactions</i> , 2015 , 44, 5125-38	4.3	40
59	Organometallic Mo complex anchored to magnetic iron oxide nanoparticles as highly recyclable epoxidation catalyst. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 2-10	2.3	39

58	Bio-inspired Mo(II) complexes as active catalysts in homogeneous and heterogeneous olefin epoxidation. <i>Applied Catalysis A: General</i> , 2010 , 384, 84-93	5.1	39
57	Highly enantioselective olefin epoxidation controlled by helical confined environments. <i>Journal of Catalysis</i> , 2014 , 309, 21-32	7.3	38
56	Photocatalytic degradation of rhodamine B using Mo heterogeneous catalysts under aerobic conditions. <i>Applied Catalysis B: Environmental</i> , 2012 , 113-114, 180-191	21.8	33
55	Mo(II) complexes: a new family of cytotoxic agents?. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 1171-74.2	4.2	30
54	Pyridine Carboxylate Complexes of Mo(II) as Active Catalysts in Homogeneous and Heterogeneous Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2917-2925	2.3	30
53	Hepta-coordinate halocarbonyl molybdenum(II) and tungsten(II) complexes as heterogeneous polymerization catalysts. <i>Journal of Molecular Catalysis A</i> , 2006 , 256, 90-98		29
52	Immobilisation of rhodium acetonitrile complexes in ordered mesoporous silica. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 3098-3105	3.6	29
51	MoO ₂ nanoparticles as highly efficient olefin epoxidation catalysts. <i>Applied Catalysis A: General</i> , 2015 , 504, 399-407	5.1	28
50	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , 2012 , 31, 4495-4503	3.8	27
49	Performance evaluation of mesoporous host materials in olefin epoxidation using Mo(II) and Mo(VI) active species inorganic vs. hybrid matrix. <i>Applied Catalysis A: General</i> , 2011 , 408, 105-116	5.1	26
48	Synthesis, characterization and cytotoxicity of cyclopentadienyl ruthenium(II) complexes containing carbohydrate-derived ligands. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 240-247	2.3	22
47	Activity of Mo(II) allylic complexes supported in MCM-41 as oxidation catalysts precursors. <i>Microporous and Mesoporous Materials</i> , 2009 , 117, 670-677	5.3	22
46	Synthesis and catalytic properties of manganese(II) and oxovanadium(IV) complexes anchored to mesoporous MCM-41. <i>Microporous and Mesoporous Materials</i> , 2008 , 112, 14-25	5.3	21
45	Novel titanate nanotubes-cyanocobalamin materials: Synthesis and enhanced photocatalytic properties for pollutants removal. <i>Solid State Sciences</i> , 2017 , 63, 30-41	3.4	18
44	Clays in Organic Synthesis I Preparation and Catalytic Applications. <i>Current Organic Synthesis</i> , 2012 , 9, 670-694	1.9	18
43	The effect of immobilization on the catalytic activity of molybdenum β -allyldicarbonyl complexes with nitrogen donor ligands bearing NH groups. <i>Journal of Molecular Catalysis A</i> , 2010 , 321, 92-100		18
42	Marine sponge melanin: a new source of an old biopolymer. <i>Structural Chemistry</i> , 2012 , 23, 115-122	1.8	17
41	Vibrational study on the local structure of post-synthesis and hybrid mesoporous materials: are there fundamental distinctions?. <i>Chemistry - A European Journal</i> , 2007 , 13, 7874-82	4.8	17

40	Exploring bulk and colloidal Mg/Al hydrotalcite/Au nanoparticles hybrid materials in aerobic olefin epoxidation. <i>Journal of Catalysis</i> , 2018 , 358, 187-198	7.3	16
39	Advantageous delivery of nifedipine from inorganic materials showing increased solubility and biocompatibility. <i>Microporous and Mesoporous Materials</i> , 2014 , 183, 192-200	5.3	16
38	Modelling the luminescence of extended solids: an example of a highly luminescent MCM-41 impregnated with a Eu ³⁺ diketonate complex. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9701-9711	7.1	16
37	Bimetallic transition metal rhenium(II) complexes containing bridging bipyrimidine ligands. <i>Polyhedron</i> , 2003 , 22, 2799-2807	2.7	16
36	Synthesis and characterisation of hybrid mesoporous materials with the 1,4-diazobutadiene ligand. <i>Microporous and Mesoporous Materials</i> , 2006 , 95, 104-111	5.3	13
35	Pyridine Carboxylate Complexes of Mo(II) as Active Catalysts in Homogeneous and Heterogeneous Olefin Epoxidation. <i>Current Inorganic Chemistry</i> , 2011 , 1, 146-155		13
34	Titanate nanotubes sensitized with silver nanoparticles: Synthesis, characterization and in-situ pollutants photodegradation. <i>Applied Surface Science</i> , 2016 , 385, 18-27	6.7	13
33	Molybdenum(II) catalyst precursors in olefin oxidation reactions. <i>Inorganica Chimica Acta</i> , 2015 , 431, 122-131	2.7	12
32	Mo(II) complexes of 8-aminoquinoline and their immobilization in MCM-41. <i>Applied Catalysis A: General</i> , 2013 , 455, 172-182	5.1	12
31	New Mo(II) complexes in MCM-41 and silica: Synthesis and catalysis. <i>Journal of Organometallic Chemistry</i> , 2014 , 751, 443-452	2.3	12
30	The Versatility of Immobilized Mo Complexes in Organic Transformations - Epoxidation and Metathesis Reactions. <i>Current Organic Chemistry</i> , 2012 , 16, 89-114	1.7	12
29	Catalytic Application of Fe-doped MoO ₂ Tremella-Like Nanosheets. <i>Topics in Catalysis</i> , 2016 , 59, 1123-1131	3.1	11
28	Helical Channel Mesoporous Materials with Embedded Magnetic Iron Nanoparticles: Chiral Recognition and Implications in Asymmetric Olefin Epoxidation. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3127-3140	5.6	11
27	Hydrophobic Porous Benzene-Silica Hybrid Clay Heterostructure and Its Application in the Adsorption of Volatile Organic Compounds. <i>Materials Science Forum</i> , 2006 , 514-516, 470-474	0.4	11
26	Hybrid mesoporous MCM-41 type material containing 1,4-diazobutadiene chelate ligand in the walls. <i>Progress in Solid State Chemistry</i> , 2005 , 33, 163-170	8	11
25	Synthesis and characterisation of ruthenium(II) complexes containing ferrocenyl-derived ligands. <i>New Journal of Chemistry</i> , 2002 , 26, 1384-1388	3.6	11
24	Synthesis of Co/Al layered double hydroxide nanoclusters as reduction nanocatalyst in aqueous media. <i>Journal of Asian Ceramic Societies</i> , 2017 , 5, 466-471	2.4	10
23	Catalytic performance of bulk and colloidal Co/Al layered double hydroxide with Au nanoparticles in aerobic olefin oxidation. <i>Applied Catalysis A: General</i> , 2019 , 584, 117155	5.1	10

22	Looking inside the pores of a MCM-41 based Mo heterogeneous styrene oxidation catalyst: an inelastic neutron scattering study. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 17272-80	3.6	10
21	Novel approach to synthesise MoO ₃ -TiO ₂ nanocomposites for the photo-assisted oxidation of benzyl alcohol to benzaldehyde. <i>Inorganic Chemistry Communication</i> , 2020 , 119, 108099	3.1	9
20	Tuning the Surface of Mesoporous Materials Towards Hydrophobicity-Effects in Olefin Epoxidation. <i>Current Inorganic Chemistry</i> , 2011 , 1, 156-165		8
19	Molybdenum(ii) complexes with p-substituted BIAN ligands: synthesis, characterization, biological activity and computational study. <i>Dalton Transactions</i> , 2019 , 48, 8449-8463	4.3	7
18	New heterogeneous catalysts with Mo(II) intercalated in layered double hydroxides. <i>Inorganica Chimica Acta</i> , 2017 , 455, 483-488	2.7	7
17	A new role for layered double hydroxides hybrid materials uptake and delivery of small molecules into the gas phase. <i>New Journal of Chemistry</i> , 2010 , 34, 541	3.6	7
16	Zinc biomimetic catalysts for epoxidation of olefins with H ₂ O ₂ . <i>Applied Clay Science</i> , 2020 , 190, 105562	5.2	6
15	Pore size matters! Helical heterogeneous catalysts in olefin oxidation. <i>Applied Catalysis A: General</i> , 2015 , 504, 328-337	5.1	6
14	Porous materials as delivery and protective agents for Vitamin A. <i>RSC Advances</i> , 2016 , 6, 66495-66504	3.7	6
13	Synthesis and catalytic activity of Mo(II) complexes of β -diimines intercalated in layered double hydroxides. <i>Inorganica Chimica Acta</i> , 2019 , 486, 274-282	2.7	6
12	Selective Catalytic Oxidation of Benzyl Alcohol by MoO ₂ Nanoparticles. <i>Catalysts</i> , 2020 , 10, 265	4	5
11	Pulsed current electrodeposition of ZnAg ₂ S/TiO ₂ nanocomposite films as potential photoelectrodes. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2349-2359	2.6	5
10	New Molybdenum(II) Complexes with β -Diimine Ligands: Synthesis, Structure, and Catalytic Activity in Olefin Epoxidation. <i>Molecules</i> , 2019 , 24,	4.8	4
9	Helical Materials with Chiral Mo(II) Catalysts. <i>Topics in Catalysis</i> , 2016 , 59, 1237-1248	2.3	4
8	Probing the relevance of MoO nanoparticles synthesis on their catalytic activity by inelastic neutron scattering. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 896-904	3.6	3
7	Molybdenum(II) Complexes with β -Diimines: Catalytic Activity in Organic and Ionic Liquid Solvents. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3922-3932	2.3	3
6	Colourless aegirine in metamorphic rocks from Bayan Obo (Inner Mongolia): lack of charge transfer transitions as possible explanation. <i>European Journal of Mineralogy</i> , 2014 , 25, 987-993	2.2	2
5	Selective and Efficient Olefin Epoxidation by Robust Magnetic Mo Nanocatalysts. <i>Catalysts</i> , 2021 , 11, 380	4	1

4	Solventless Olefin Epoxidation Using a Mo-loaded Sisal Derived Acid-Char Catalyst. <i>ChemistrySelect</i> , 2018 , 3, 10357-10363	1.8	1
3	New heptacoordinate tungsten(II) complexes with β -diimine ligands in the catalytic oxidation of multifunctional olefins. <i>Inorganica Chimica Acta</i> , 2021 , 519, 120263	2.7	0
2	Nitroarene and dye reduction with 2:1 Co/Al layered double hydroxide catalysts – Is gold still necessary?. <i>Inorganica Chimica Acta</i> , 2021 , 521, 120336	2.7	0
1	Substrate-Solvent Crosstalk Effects on Reaction Kinetics and Product Selectivity in Olefin Oxidation Catalysis. <i>Chemistry</i> , 2021 , 3, 753-764	2.1	0