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List of Publications by Year in descending order

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44
papers

900
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567281

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45
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45
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium and Osmium Complexes Containing NHC and π -Acid Ligands. , 2022, , 444-527.		1
2	Anticancer and antibacterial properties of trinuclear Cu(I), Ag(I) and Au(I) macrocyclic NHC/urea complexes. Journal of Organometallic Chemistry, 2021, 932, 121643.	1.8	30
3	Activation of Molecular Oxygen by a Cobalt(II) Tetra π -NHC Complex**. Chemistry - A European Journal, 2021, 27, 1311-1315.	3.3	10
4	Degradation pathways of a highly active iron(III) tetra-NHC epoxidation catalyst. Catalysis Science and Technology, 2021, 11, 795-799.	4.1	7
5	Mimicking reactive high-valent diiron- π -oxo intermediates of nonheme enzymes by an iron tetracarbene complex. Chemical Communications, 2021, 57, 6644-6647.	4.1	10
6	Gold(I) Bis(1,2,3-triazol-5-ylidene) Complexes as Promising Selective Anticancer Compounds. Journal of Medicinal Chemistry, 2021, 64, 15747-15757.	6.4	10
7	Tuning the electronic properties of tetradentate iron-NHC complexes: Towards stable and selective epoxidation catalysts. Journal of Catalysis, 2020, 391, 548-561.	6.2	15
8	Improved Antiproliferative Activity and Fluorescence of a Dinuclear Gold(I) Bisimidazolylidene Complex via Anthracene π -Modification. Chemistry - an Asian Journal, 2020, 15, 4275-4279.	3.3	7
9	Macrocyclic NHC complexes of group 10 elements with enlarged aromaticity for biological studies. Dalton Transactions, 2020, 49, 14106-14114.	3.3	14
10	Mechanisms underlying the cytotoxic activity of syn/anti-isomers of dinuclear Au(I) NHC complexes. European Journal of Medicinal Chemistry, 2020, 203, 112576.	5.5	13
11	Visible-Light-Induced Dehydrohalogenative Coupling for Intramolecular π -Alkenylation: A Way to Build Seven- and Eight-Membered Rings. Organic Letters, 2020, 22, 4372-4377.	4.6	12
12	Pushing the limits of activity and stability: the effects of Lewis acids on non-heme iron π -NHC epoxidation catalysts. Catalysis Science and Technology, 2020, 10, 3532-3536.	4.1	18
13	Antiproliferative Activity of Functionalized Histidine π -derived Au(I) bis π -NHC Complexes for Bioconjugation. Chemistry - an Asian Journal, 2020, 15, 2754-2762.	3.3	15
14	Dinuclear Gold(I) Complexes Bearing N,N π - π -Bridged Bisimidazolylidene Ligands. Chemistry - an Asian Journal, 2020, 15, 1848-1851.	3.3	7
15	Mixed tetradentate NHC/1,2,3-triazole iron complexes bearing cis labile coordination sites as highly active catalysts in Lewis and Br π -sted acid mediated olefin epoxidation. Journal of Catalysis, 2020, 383, 144-152.	6.2	19
16	Highly Efficient Abnormal NHC Ruthenium Catalyst for Oppenauer-Type Oxidation and Transfer Hydrogenation Reactions. ACS Catalysis, 2019, 9, 11302-11306.	11.2	33
17	Reactivity Studies of a Dipyridine Ethynyl Ligand with Zinc(II). European Journal of Inorganic Chemistry, 2019, 2019, 5059-5065.	2.0	2
18	Dinuclear zwitterionic silver(π) and gold(π) complexes bearing 2,2-acetate-bridged bisimidazolylidene ligands. Dalton Transactions, 2019, 48, 14036-14043.	3.3	12

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19	Highly selective AlCl ₃ initiated intramolecular α -alkylation of α,β -unsaturated lactams and lactones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 49-52.	2.8	4
20	Cationic abnormal N-heterocyclic carbene ruthenium complexes as suitable precursors for the synthesis of heterobimetallic compounds. <i>Dalton Transactions</i> , 2019, 48, 79-89.	3.3	15
21	Organometallic and coordination rhenium compounds and their potential in cancer therapy. <i>Coordination Chemistry Reviews</i> , 2019, 393, 79-117.	18.8	135
22	Et ₂ Zn-mediated stoichiometric C(sp)-H silylation of 1-alkynes and chlorosilanes. <i>Tetrahedron Letters</i> , 2019, 60, 1574-1577.	1.4	10
23	Bridge-functionalized bisimidazolium bromides as catalysts for the conversion of epoxides to cyclic carbonates with CO ₂ . <i>Catalysis Communications</i> , 2019, 124, 118-122.	3.3	15
24	Reactivity of Re ₂ O ₇ in aromatic solvents – Cleavage of a β -O-4 lignin model substrate by Lewis-acidic rhenium oxide nanoparticles. <i>Journal of Catalysis</i> , 2019, 373, 190-200.	6.2	10
25	Ethyltrioxorhenium – Catalytic application and decomposition pathways. <i>Journal of Organometallic Chemistry</i> , 2019, 885, 32-38.	1.8	4
26	Synthesis, characterization, and biological studies of multidentate gold(I) and gold(III) NHC complexes. <i>Dalton Transactions</i> , 2019, 48, 16615-16625.	3.3	19
27	Exploring different coordination modes of the first tetradentate NHC/1,2,3-triazole hybrid ligand for group 10 complexes. <i>Dalton Transactions</i> , 2019, 48, 14820-14828.	3.3	7
28	Pyridine Functionalized N-Heterocyclic Silane Complexes of Iridium and Rhodium – An Unexpected Change in Coordination. <i>Organometallics</i> , 2018, 37, 136-144.	2.3	2
29	Water-soluble transition metal complexes of ruthenium(II), osmium(II), rhodium(III) and iridium(III) with chelating N-heterocyclic carbene ligands in hydrogenation and transfer hydrogenation catalysis. <i>Dalton Transactions</i> , 2018, 47, 2318-2329.	3.3	22
30	Synthesis and physicochemical characterization of room temperature ionic liquids and their application in sodium ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29412-29422.	2.8	21
31	Current advances in the catalytic conversion of carbon dioxide by molecular catalysts: an update. <i>Dalton Transactions</i> , 2018, 47, 13281-13313.	3.3	104
32	Synthesis, characterization and application of organorhenium(VII) trioxides in metathesis reactions and epoxidation catalysis. <i>Dalton Transactions</i> , 2018, 47, 9755-9764.	3.3	10
33	Current advances on ruthenium(II) N-heterocyclic carbenes in hydrogenation reactions. <i>Coordination Chemistry Reviews</i> , 2018, 374, 114-132.	18.8	77
34	N-alkyl ammonium perrhenate salts as catalysts for the epoxidation of olefins under mild conditions. <i>Catalysis Communications</i> , 2017, 100, 103-106.	3.3	6
35	Olefin Epoxidation in Aqueous Phase Using Ionic Liquid Catalysts. <i>ChemSusChem</i> , 2016, 9, 1773-1776.	6.8	25
36	Kinetic studies of fluorinated aryl molybdenum(II) tricarbonyl precursors in epoxidation catalysis. <i>Catalysis Science and Technology</i> , 2016, 6, 4970-4977.	4.1	11

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37	Molecular Epoxidation Reactions Catalyzed by Rhenium, Molybdenum, and Iron Complexes. <i>Chemical Record</i> , 2016, 16, 349-364.	5.8	48
38	Aryl-substituted organomolybdenum(ii) complexes as olefin epoxidation catalysts. <i>Catalysis Science and Technology</i> , 2015, 5, 4772-4777.	4.1	9
39	Influence of structural and electronic properties of organomolybdenum(ii) complexes of the type [CpMo(CO) ₃ R] and [CpMo(O ₂)(O)R] (R = Cl, CH ₃ , CF ₃) on the catalytic olefin epoxidation. <i>Catalysis Science and Technology</i> , 2015, 5, 2282-2289.	4.1	13
40	Catalytically active perrhenate based ionic liquids: a preliminary ecotoxicity and biodegradability assessment. <i>New Journal of Chemistry</i> , 2015, 39, 5431-5436.	2.8	13
41	Influence of substituents on cation-anion contacts in imidazolium perrhenates. <i>Dalton Transactions</i> , 2015, 44, 8669-8677.	3.3	9
42	Niobium(v) chloride and imidazolium bromides as efficient dual catalyst systems for the cycloaddition of carbon dioxide and propylene oxide. <i>Catalysis Science and Technology</i> , 2014, 4, 1638-1643.	4.1	59
43	The Effect of trans Axial Isocyanide Ligands on Iron(II) Tetra-NHC Complexes and their Reactivity in Olefin Epoxidation. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	3
44	Organometallic 3d transition metal NHC complexes in oxidation catalysis. <i>Catalysis Science and Technology</i> , 0, , .	4.1	14