Eike B Bauer

List of Publications by Year
in descending order

32 papers	1,141 citations	623734 14 h-index	395702 33 g-index
36 all docs	36 docs citations	36 times ranked	1277 citing authors

#	Article	IF	Citations
1	Ferrocenium complex aided O-glycosylation of glycosyl halides. RSC Advances, 2021, 11, 36814-36820.	3.6	2
2	Transition metal catalyzed glycosylation reactions â€“ an overview. Organic and Biomolecular Chemistry, 2020, 18, 9160-9180.	2.8	15
3	Ferrocenium Cations as Catalysts for the Etherification of Cyclopropylâ€Substituted Propargylic Alcohols: Eneâ€yne Formation and Mechanistic Insights. European Journal of Organic Chemistry, 2019, 2019, 7348-7358.	2.4	5
4	Cationic ruthenium complex of the formula [RuCl(2,6-diacetylpyridine)(PPh3)2]BArF and its catalytic activity in the formation of enol esters. Tetrahedron Letters, 2018, 59, 873-877.	1.4	9
5	Ruthenium complexes of the general formula [RuCl2(PHOX)2] as precatalysts in propargylic substitution reactions. Catalysis Communications, 2018, 106, 92-95.	3.3	4
6	Spectroscopic investigation and direct comparison of the reactivities of iron pyridyl oxidation catalysts. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 174, 130-137.	3.9	7
7	Synthesis, structural characterization and catalytic activity of indenyl complexes of ruthenium bearing fluorinated phosphine ligands. Journal of Organometallic Chemistry, 2017, 847, 41-53.	1.8	6
8	Recent Advances in Iron Catalyzed Oxidation Reactions of Organic Compounds. Israel Journal of Chemistry, 2017, 57, 1131-1150.	2.3	29
9	Synthesis, Structural Characterization, and Catalytic Activity of Indenyl Tris(Nâ€pyrrolyl)phosphine Complexes of Ruthenium. European Journal of Inorganic Chemistry, 2016, 2016, 1093-1102.	2.0	15
10	Ferrocenium hexafluorophosphate as an inexpensive, mild catalyst for the etherification of propargylic alcohols. Journal of Molecular Catalysis A, 2015, 407, 221-229.	4.8	10
11	Iron Catalysis: Historic Overview and Current Trends. Topics in Organometallic Chemistry, 2015, , 1-18.	0.7	38
12	Ruthenium complexes of the general formula [RuCl2(PHOX)2] and their catalytic activity in the Mukaiyama aldol reaction. Tetrahedron Letters, 2014, 55, 3033-3037.	1.4	6
13	Diastereoselective Attack on Chiral-at-Metal Ruthenium Allenylidene Complexes To Give Alkynyl Complexes. Organometallics, 2014, 33, 5052-5065.	2.3	14
14	Etherification reactions of propargylic alcohols catalyzed by a cationic ruthenium allenylidene complex. Catalysis Communications, 2014, 47, 45-48.	3.3	18
15	Iron(II) Î±â€Aminopyridine Complexes and Their Catalytic Activity in Oxidation Reactions: A Comparative Study of Activity and Ligand Decomposition. ChemPlusChem, 2013, 78, 101-116.	2.8	34
16	Polydentate pyridyl ligands and the catalytic activity of their iron(II) complexes in oxidation reactions utilizing peroxides as the oxidants. Journal of Molecular Catalysis A, 2013, 373, 161-171.	4.8	25
17	Chemoselective, iron(ii)-catalyzed oxidation of a variety of secondary alcohols over primary alcohols utilizing H2O2 as the oxidant. Chemical Communications, 2013, 49, 5889.	4.1	43
18	Transition-Metal-Catalyzed Functionalization of Propargylic Alcohols and Their Derivatives. Synthesis, 2012, 44, 1131-1151.	2.3	161

#	Article	IF	Citations
19	Chiral-at-metal complexes and their catalytic applications in organic synthesis. Chemical Society Reviews, 2012, 41, 3153.	38.1	231
20	New five-coordinate Ru(ii) phosphoramidite complexes and their catalytic activity in propargylic amination reactions. New Journal of Chemistry, 2011, 35, 2427.	2.8	19
21	New iron(ii) Î±-iminopyridine complexes and their catalytic activity in the oxidation of activated methylene groups and secondary alcohols to ketones. Dalton Transactions, 2011, 40, 7617.	3.3	58
22	Synthesis and Structural Characterization of a Series of New Chiralâ€etâ€Metal Ruthenium Allenylidene Complexes. European Journal of Inorganic Chemistry, 2011, 2011, 1269-1282.	2.0	14
23	Facile one-pot access to a chiral at metal ruthenium pyrrolyl phosphine phosphoramidite complex. Inorganic Chemistry Communication, 2011, 14, 478-480.	3.9	9
24	New amino-dithiaphospholanes and phosphoramidodithioites and their rhodium and iridium complexes. Inorganica Chimica Acta, 2011, 366, 209-218.	2.4	4
25	New Chiral Phosphoramidite Complexes of Iron as Catalytic Precursors in the Oxidation of Activated Methylene Groups. Molecules, 2010, 15, 2631-2650.	3.8	14
26	New indenyl phosphinooxazoline complexes of iron and their catalytic activity in the Mukaiyama aldol reaction. Tetrahedron Letters, 2010, 51, 2855-2858.	1.4	20
27	Synthesis and structural characterization of new chiral mixed phosphine phosphoramidite complexes of ruthenium. Inorganica Chimica Acta, 2009, 362, 1935-1942.	2.4	14
28	New chiral phosphoramidite allenylidene complexes of ruthenium obtained with chirality transfer. Tetrahedron Letters, 2009, 50, 5485-5488.	1.4	15
29	Oxidation of activated methylene groups to ketones catalyzed by new iron phosphinooxazoline complexes and by iron(II) triflate. Journal of Molecular Catalysis A, 2009, 309, 117-123.	4.8	25
30	The coordination chemistry and reactivity of amino-dithiaphospholanes with rhodium, iridium, and ruthenium. Tetrahedron Letters, 2009, 50, 922-925.	1.4	9
31	Synthesis and structural characterization of new phosphinooxazoline complexes of iron. Journal of Organometallic Chemistry, 2008, 693, 3081-3091.	1.8	12
32	Recent Advances in Iron Catalysis in Organic Synthesis. Current Organic Chemistry, 2008, 12, 1341-1369.	1.6	255