A Hugo Klahn

List of Publications by Year
in descending order

49 papers	723 citations	567281 15 h-index	610901 24 g-index
49 all docs	49 docs citations	49 times ranked	746 citing authors

#	Article	IF	Citations
1	Synthesis and antimalarial activities of rhenium bioorganometallics based on the 4-aminoquinoline structure. Bioorganic and Medicinal Chemistry, 2010, 18, 8085-8091.	3.0	51
2	Organometallic benzimidazoles: Synthesis, characterization and antimalarial activity. Inorganic Chemistry Communication, 2013, 35, 126-129.	3.9	46
3	Synthesis, characterization and inÂvitro anti-Trypanosoma cruzi and anti-Mycobacterium tuberculosis evaluations of cyrhetrenyl and ferrocenyl thiosemicarbazones. Journal of Organometallic Chemistry, 2014, 755, 1-6.	1.8	41
4	Intermolecular Câ€“F and intramolecular Câ€“H activation reaction of [Re(Î·5-C5Me5)(CO)3] with hexafluorobenzene: crystal and molecular structure of [Re(Î·6-C5Me4CH2)(CO)2(C6F5)]. Journal of the Chemical Society Chemical Communications, 1992, , 1699-1701.	2.0	39
5	New cyrhetrenyl and ferrocenyl sulfonamides: Synthesis, characterization, X-ray crystallography, theoretical study and anti- Mycobacterium tuberculosis activity. Polyhedron, 2017, 134, 166-172.	2.2	38
6	Organometallic Schiff bases derived from 5-nitrothiophene and 5-nitrofurane: Synthesis, crystallographic, electrochemical, ESR and antiTrypanosoma cruzi studies. Journal of Organometallic Chemistry, 2013, 743, 49-54.	1.8	35
7	Cyrhetrenyl chalcones: Synthesis, characterization and antimalarial evaluation. Journal of Organometallic Chemistry, 2013, 723, 143-148.	1.8	27
8	Palladium (II) and platinum (II) complexes containing organometallic thiosemicarbazone ligands: Synthesis, characterization, X-ray structures and antitubercular evaluation. Inorganic Chemistry Communication, 2015, 55, 139-142.	3.9	26
9	Cyrhetrenyl and ferrocenyl 1,3,4-thiadiazole derivatives: Synthesis, characterization, crystal structures and in vitro antitubercular activity. Inorganic Chemistry Communication, 2015, 55, 48-50.	3.9	24
10	Ferrocenyl and cyrhetrenyl azines containing a 5-nitroheterocyclic moiety: Synthesis, structural characterization, electrochemistry and evaluation as anti- Trypanosoma cruzi agents. Journal of Organometallic Chemistry, 2017, 839, 108-115.	1.8	23
11	Syntheses and Reactivity of Functionalized (Î·5-Tetramethylcyclopentadienyl) Rhenium Complexes:Â Molecular Structures of (Î·5:Î·2-C5Me4CH2CH2CHCH2)Re(CO)2and (Î·5-C5Me4CH2-2-C4H3S)Re(CO)2(PMe3). Organometallics, 2003, 22, 4861-4868.	2.3	22
12	An improved synthetic method and vibrational study of (pentamethylcyclopentadienyl) dicarbonylrhenium dihalides (Î·5-C5Me5)Re(CO)2X2 (X = C1, Br and I). Polyhedron, 1988, 7, 2743-2752.	2.2	20
13	Organometallic tosyl hydrazones: Synthesis, characterization, crystal structures and in vitro evaluation for anti- Mycobacterium tuberculosis and antiproliferative activities. Polyhedron, 2017, 131, 40-45.	2.2	19
14	Rhenium carbonyl phosphine dinitrogen complexes (.eta.5-C5Me5)Re(CO)(PR3)(N2). Organometallics, 1989, 8, 198-206.	2.3	18
15	Isomeric and hybrid ferrocenyl/cyrhetrenyl aldimines: a new family of multifunctional compounds. Dalton Transactions, 2018, 47, 1635-1649.	3.3	18
16	Cyrhetrenylimines and cyrhetrenylamines: Synthesis, characterization and X-ray crystal structure. Polyhedron, 2008, 27, 2421-2425.	2.2	15
17	A New Cyclometalation Motif: Synthesis, Characterization, Structures, and Reactivity of Pallada- and Platinacycles with a Bidentate {C(sp2,cyrhetrene),N}â^’Ligand. Organometallics, 2011, 30, 5578-5589.	2.3	15
18	Synthesis, characterization, crystal structures and computational studies on novel cyrhetrenyl hydrazones. Journal of Organometallic Chemistry, 2016, 819, 129-137.	1.8	14

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19	Cyrhetrenylaniline and new organometallic phenylimines derived from 4- and 5-nitrothiophene: Synthesis, characterization, X-Ray structures, electrochemistry and inÂvitro anti- T.Âbrucei activity. Journal of Organometallic Chemistry, 2018, 862, 13-21.	1.8	14
20	Unsymmetrical cyrhetrenyl and ferrocenyl azines derived from 5-nitrofurane: Synthesis, structural characterization and electrochemistry. Inorganic Chemistry Communication, 2015, 61, 204-206.	3.9	13
21	Î²-Diketones derived from cyclopentadienyl rhenium tricarbonyl. Inorganic Chemistry Communication, 2007, 10, 1031-1034.	3.9	11
22	Syntheses, structures, and reactions of cyrhetrenylphosphines; applications in palladium catalyzed Suzuki cross-coupling reactions. Journal of Organometallic Chemistry, 2014, 749, 416-420.	1.8	11
23	The characterization of anti-T. cruzi activity relationships between ferrocenyl, cyrhetrenyl complexes and ROS release. BioMetals, 2016, 29, 743-749.	4.1	11
24	The Infrared Spectra of Rhenium Pentamethyl Cyclopentadienyl Complexes: (n5-C5Me5)Re(CO3) and [(n5-C5Me5)Re(CO)3X]+(X=Cl, Br, I). Spectroscopy Letters, 1990, 23, 87-109.	1.0	10
25	Selectivity in Câ€“Cl bond activation of dichloroarenes by photogenerated Cp*Re(CO)2: combined experimental and DFT studies. New Journal of Chemistry, 2005, 29, 226-231.	2.8	10
26	Synthesis, reactivity and molecular structure of phosphino tetramethyl cyclopentadienyl complex (Î·5:) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.3	10
27	A novel type of organometallic 2-R-2,4-dihydro-1H-3,1-benzoxazine with R = [M(Î·⁵-C₅H₄)(CO)₃] (M = Re or Mn) units. Experimental and computational studies of the effect of substituent R on ring-chain tautomerism. Dalton Transactions, 2019, 48, 1023-1039.	3.3	10
28	Neutral phosphine and phosphite derivatives of the fragment (Î·5-C5Me5)Re(CO)2 and the cationic		

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37	Heterobimetallic Reâ€“Pd, Reâ€“Au and Reâ€“Cu complexes derived from diphenylphosphino cyrhetrene: Synthesis and X-ray structure. Polyhedron, 2009, 28, 322-326.	2.2	7
38	Heterobimetallic Reî€Pd complexes bridged by Î·1:Î·5-Ph2PC5H4 ligand. Synthesis, electronic and crystal structure of (CO)2(PR3)(Î·5-C5H4î€PPh2)Reâ€“Pî€dCl2, R = Me and OMe. Dalton Transactions, 2010, 39, 6295.	3.3	7
39	Reactions of cationic complex [(Î·5-C5Me5)Re(CO)3I]+ with primary amines leading to cyclic carbamoyl complexes. Journal of Organometallic Chemistry, 2009, 694, 3749-3752.	1.8	6
40	Evaluation of trypanocidal properties of ferrocenyl and cyrhetrenyl N-acylhydrazones with pendant 5-nitrofuryl group. Journal of Inorganic Biochemistry, 2021, 219, 111428.	3.5	6
41	Direct and high yield syntheses of Re2(CO)10 and Re(CO)5Cl by sodium reduction of K2ReCl6 under CO. Journal of Organometallic Chemistry, 1997, 548, 121-122.	1.8	5
42	Synthesis, characterization and anti-Trypanosoma cruzi evaluation of ferrocenyl and cyrhetrenyl imines derived from 5-nitrofurane. Journal of Organometallic Chemistry, 2011, , .	1.8	5
43	Synthesis, structure, and reactivity of (Î·5:Î·1-C5Me4(CH2)2NMe2)Re(CO)2. Electron transfer behavior of a nitrosyl derivative. Journal of Organometallic Chemistry, 2014, 765, 8-16.	1.8	4
44	Homo- and heterobimetallic azines derived from ferrocene and cyrhetrene: Synthesis, structural characterization and electrochemical studies. Journal of Organometallic Chemistry, 2019, 883, 65-70.	1.8	4
45	New multifunctional heterobinuclear palladium (II) complexes based on organometallic dithiocarbazate ligands. Applied Organometallic Chemistry, 2020, 34, e5788.	3.5	4
46	Cyrhetrenyl and cymantrenyl N-acylhydrazone complexes based on isoniazid: Synthesis, characterization, X-ray crystal structures and antitubercular activity evaluation. Journal of Organometallic Chemistry, 2022, 964, 122299.	1.8	4
47	Suzuki cross-coupling of aryl bromides catalyzed by cyrhetrenylphosphine complexes of palladium (II). Inorganic Chemistry Communication, 2011, 14, 961-963.	3.9	3
48	Synthesis and Characterization of Rhenium Isocyanate Complexes (Î·-C5Me5)Re(CO)2(NCO)X, X = Cl, Br and I. Journal of Coordination Chemistry, 1991, 24, 101-105.	2.2	1
49	Reactivity of cyrhetrenylphosphines: Synthesis and characterization of oxides, boranes and selenides. Inorganic Chemistry Communication, 2017, 76, 114-117.	3.9	1