

A Hugo Klahn

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and antimalarial activities of rhenium bioorganometallics based on the 4-aminoquinoline structure. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8085-8091.	1.4	51
2	Organometallic benzimidazoles: Synthesis, characterization and antimalarial activity. <i>Inorganic Chemistry Communication</i> , 2013, 35, 126-129.	1.8	46
3	Synthesis, characterization and in vitro anti-Trypanosoma cruzi and anti-Mycobacterium tuberculosis evaluations of cyrhetrenyl and ferrocenyl thiosemicarbazones. <i>Journal of Organometallic Chemistry</i> , 2014, 755, 1-6.	0.8	41
4	Intermolecular C-H and intramolecular C-F activation reaction of [Re(η -5-C5Me5)(CO)3] with hexafluorobenzene: crystal and molecular structure of [Re(η -6-C5Me4CH2)(CO)2(C6F5)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1699-1701.	2.0	39
5	New cyrhetrenyl and ferrocenyl sulfonamides: Synthesis, characterization, X-ray crystallography, theoretical study and anti- Mycobacterium tuberculosis activity. <i>Polyhedron</i> , 2017, 134, 166-172.	1.0	38
6	Organometallic Schiff bases derived from 5-nitrothiophene and 5-nitrofurane: Synthesis, crystallographic, electrochemical, ESR and anti-Trypanosoma cruzi studies. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 49-54.	0.8	35
7	Cyrhetrenyl chalcones: Synthesis, characterization and antimalarial evaluation. <i>Journal of Organometallic Chemistry</i> , 2013, 723, 143-148.	0.8	27
8	Palladium (II) and platinum (II) complexes containing organometallic thiosemicarbazone ligands: Synthesis, characterization, X-ray structures and antitubercular evaluation. <i>Inorganic Chemistry Communication</i> , 2015, 55, 139-142.	1.8	26
9	Cyrhetrenyl and ferrocenyl 1,3,4-thiadiazole derivatives: Synthesis, characterization, crystal structures and in vitro antitubercular activity. <i>Inorganic Chemistry Communication</i> , 2015, 55, 48-50.	1.8	24
10	Ferrocenyl and cyrhetrenyl azines containing a 5-nitroheterocyclic moiety: Synthesis, structural characterization, electrochemistry and evaluation as anti- Trypanosoma cruzi agents. <i>Journal of Organometallic Chemistry</i> , 2017, 839, 108-115.	0.8	23
11	Syntheses and Reactivity of Functionalized (η -5-Tetramethylcyclopentadienyl) Rhenium Complexes: Molecular Structures of (η -5- η -2-C5Me4CH2CH2)Re(CO)2 and (η -5-C5Me4CH2-2-C4H3S)Re(CO)2(PMe3). <i>Organometallics</i> , 2003, 22, 4861-4868.	1.1	22
12	An improved synthetic method and vibrational study of (pentamethylcyclopentadienyl) dicarbonylrhenium dihalides (η -5-C5Me5)Re(CO)2X2 (X = Cl, Br and I). <i>Polyhedron</i> , 1988, 7, 2743-2752.	1.0	20
13	Organometallic tosyl hydrazones: Synthesis, characterization, crystal structures and in vitro evaluation for anti- Mycobacterium tuberculosis and antiproliferative activities. <i>Polyhedron</i> , 2017, 131, 40-45.	1.0	19
14	Rhenium carbonyl phosphine dinitrogen complexes (η -5-C5Me5)Re(CO)(PR3)(N2). <i>Organometallics</i> , 1989, 8, 198-206.	1.1	18
15	Isomeric and hybrid ferrocenyl/cyrhetrenyl aldimines: a new family of multifunctional compounds. <i>Dalton Transactions</i> , 2018, 47, 1635-1649.	1.6	18
16	Cyrhetrenylimines and cyrhetrenylamines: Synthesis, characterization and X-ray crystal structure. <i>Polyhedron</i> , 2008, 27, 2421-2425.	1.0	15
17	A New Cyclometalation Motif: Synthesis, Characterization, Structures, and Reactivity of Pallada- and Platinacycles with a Bidentate {C(sp ² ,cyrhetrene),N} Ligand. <i>Organometallics</i> , 2011, 30, 5578-5589.	1.1	15
18	Synthesis, characterization, crystal structures and computational studies on novel cyrhetrenyl hydrazones. <i>Journal of Organometallic Chemistry</i> , 2016, 819, 129-137.	0.8	14

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19	Cyrhetyrenylaniline and new organometallic phenylimines derived from 4- and 5-nitrothiophene: Synthesis, characterization, X-Ray structures, electrochemistry and in vitro anti- T.Âbrucei activity. Journal of Organometallic Chemistry, 2018, 862, 13-21.	0.8	14
20	Unsymmetrical cyrhetyrenyl and ferrocenyl azines derived from 5-nitrofurane: Synthesis, structural characterization and electrochemistry. Inorganic Chemistry Communication, 2015, 61, 204-206.	1.8	13
21	Î²-Diketones derived from cyclopentadienyl rhenium tricarbonyl. Inorganic Chemistry Communication, 2007, 10, 1031-1034.	1.8	11
22	Syntheses, structures, and reactions of cyrhetyrenylphosphines; applications in palladium catalyzed Suzuki cross-coupling reactions. Journal of Organometallic Chemistry, 2014, 749, 416-420.	0.8	11
23	The characterization of anti-T. cruzi activity relationships between ferrocenyl, cyrhetyrenyl complexes and ROS release. BioMetals, 2016, 29, 743-749.	1.8	11
24	The Infrared Spectra of Rhenium Pentamethyl Cyclopentadienyl Complexes: (n5-C5Me5)Re(CO)3 and [(n5-C5Me5)Re(CO)3X]+(X=Cl, Br, I). Spectroscopy Letters, 1990, 23, 87-109.	0.5	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.	1.4	10
26	Synthesis, reactivity and molecular structure of phosphino tetramethyl cyclopentadienyl complex (Î·5-) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.8	10
27	A novel type of organometallic 2-R-2,4-dihydro-1<i>H</i>-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.	1.6	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 Re ⁺ Pd, Re ⁺ Au and Re ⁺ Cu complexes derived from diphenylphosphino cyrhetrene: Synthesis and X-ray structure. <i>Polyhedron</i> , 2009, 28, 322-326.	1.0	7
38	Heterobimetallic Re ⁺ Pd complexes bridged by $\eta^1\text{-}\eta^5\text{-Ph}_2\text{PC}_5\text{H}_4$ ligand. Synthesis, electronic and crystal structure of $(\text{CO})_2(\text{PR}_3)(\eta^5\text{-C}_5\text{H}_4\text{PPh}_2)\text{Re}^+\text{Pr}^-\text{dCl}_2$, R = Me and OMe. <i>Dalton Transactions</i> , 2010, 39, 6295.	1.6	7
39	Reactions of cationic complex $[(\eta^5\text{-C}_5\text{Me}_5)\text{Re}(\text{CO})_3]^+$ with primary amines leading to cyclic carbamoyl complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3749-3752.	0.8	6
40	Evaluation of trypanocidal properties of ferrocenyl and cyrhetrenyl N-acylhydrazones with pendant 5-nitrofuryl group. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111428.	1.5	6
41	Direct and high yield syntheses of $\text{Re}_2(\text{CO})_{10}$ and $\text{Re}(\text{CO})_5\text{Cl}$ by sodium reduction of K_2ReCl_6 under CO. <i>Journal of Organometallic Chemistry</i> , 1997, 548, 121-122.	0.8	5
42	Synthesis, characterization and anti-Trypanosoma cruzi evaluation of ferrocenyl and cyrhetrenyl imines derived from 5-nitrofurane. <i>Journal of Organometallic Chemistry</i> , 2011, , .	0.8	5
43	Synthesis, structure, and reactivity of $(\eta^5\text{-}\eta^1\text{-C}_5\text{Me}_4(\text{CH}_2)_2\text{NMe}_2)\text{Re}(\text{CO})_2$. Electron transfer behavior of a nitrosyl derivative. <i>Journal of Organometallic Chemistry</i> , 2014, 765, 8-16.	0.8	4
44	Homo- and heterobimetallic azines derived from ferrocene and cyrhetrene: Synthesis, structural characterization and electrochemical studies. <i>Journal of Organometallic Chemistry</i> , 2019, 883, 65-70.	0.8	4
45	New multifunctional heterobinuclear palladium (II) complexes based on organometallic dithiocarbazate ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5788.	1.7	4
46	Cyrhetrenyl and cymantrenyl N-acylhydrazone complexes based on isoniazid: Synthesis, characterization, X-ray crystal structures and antitubercular activity evaluation. <i>Journal of Organometallic Chemistry</i> , 2022, 964, 122299.	0.8	4
47	Suzuki cross-coupling of aryl bromides catalyzed by cyrhetrenylphosphine complexes of palladium (II). <i>Inorganic Chemistry Communication</i> , 2011, 14, 961-963.	1.8	3
48	Synthesis and Characterization of Rhenium Isocyanate Complexes $(\eta^5\text{-C}_5\text{Me}_5)\text{Re}(\text{CO})_2(\text{NCO})\text{X}$, X = Cl, Br and I. <i>Journal of Coordination Chemistry</i> , 1991, 24, 101-105.	0.8	1
49	Reactivity of cyrhetrenylphosphines: Synthesis and characterization of oxides, boranes and selenides. <i>Inorganic Chemistry Communication</i> , 2017, 76, 114-117.	1.8	1