

Simon Lotz

List of Publications by Year in descending order

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63
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and antitumor properties of titanocene derivatives with thiophene containing ligands. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 117-125.	1.8	51
2	Recent advances in the field of multicarbene and multimetal carbene complexes of the Fischer-type. <i>Coordination Chemistry Reviews</i> , 2012, 256, 479-524.	18.8	44
3	π -Arene complexes. 8. Early/late heterobimetallic complexes in chromium with σ,π -bridged arene ligands. <i>Organometallics</i> , 1992, 11, 1104-1111.	2.3	39
4	π -Arene complexes. 7. Heterobimetallic complexes of chromium and manganese with bridging σ,π -benzene and -benzoyl ligands. <i>Organometallics</i> , 1992, 11, 629-639.	2.3	33
5	Synthesis, characterization and decomposition patterns for thienylene bridged dinuclear biscarbene complexes of manganese and chromium in refluxing carbon disulphide and acetone. <i>Journal of Organometallic Chemistry</i> , 1998, 566, 133-142.	1.8	32
6	$(\eta^1\text{-tpMn}, \eta^5\text{-tpCr})^+\langle \eta^1\text{-tpCr}, \eta^5\text{-tpMn} \rangle$ Thiophene(tp) Conversion due to Bimetallic Activation: A Novel Metal-Exchange Reaction. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 710-712.	4.4	31
7	Preferred Coordination Sites for Metal Fragments in μ_2 -Bimetallic Complexes. Detailed Mechanistic Insight from Heteroatom, Bridging Ligand, Solvent, Temperature, and Pressure Effects on the Irreversible Exchange of Coordination Sites. <i>Organometallics</i> , 1997, 16, 4056-4070.	2.3	27
8	Steric and Electronic Effects of Metal-Containing Substituents in Fischer Carbene Complexes of Chromium. <i>Organometallics</i> , 2008, 27, 2447-2456.	2.3	27
9	Synthesis and reactivity of metal carbene complexes with heterobiaryl spacer substituents. <i>Dalton Transactions</i> , 2009, , 697-710.	3.3	27
10	Chromium and Tungsten Carbene Complexes of Thieno[3,2-b]thiophene. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 233-238.	2.0	25
11	Use of organolithium reagents in the synthesis of diiron complexes with bridged and terminal carbene ligands. X-ray structures of [cyclic] $(\text{CO})_3\text{Fe}\{\mu\text{-C}(\text{OEt})\text{-}\eta^2\text{-C}_6\text{H}_4\text{NMe}_2\}\text{Fe}(\text{CO})_3$ and [cyclic] $(\text{CO})_3\text{Fe}\{\text{S}(\text{CH}_2)_3\text{S}\}\text{Fe}(\text{CO})_2\{\text{C}(\text{OEt})\text{Ph}\}$. <i>Organometallics</i> , 1987, 6, 499-505.	2.3	23
12	Sulphur-containing metal complexes. <i>Journal of Organometallic Chemistry</i> , 1985, 280, 241-251.	1.8	22
13	Properties of homo- and heteronuclear mixed biscarbene complexes with conjugated bithiophene units. <i>Inorganica Chimica Acta</i> , 2010, 363, 705-717.	2.4	22
14	π -Arene complexes. 3. End-to-end bridging thiocarbonyl complexes. Crystal and molecular structure of $(\eta^6\text{-toluene})\text{heptacarbonyl}(\text{thiocarbonyl})\text{dichromium}$. <i>Inorganic Chemistry</i> , 1986, 25, 3053-3057.	4.0	21
15	Synthesis, Characterization, and Structural Studies of Multimetallic Ferrocenyl Carbene Complexes of Group VII Transition Metals. <i>Inorganic Chemistry</i> , 2011, 50, 1521-1533.	4.0	20
16	π -Arene Complexes. 10. Arene Distortions in π -Arene Complexes of Chromium by Ring Substituents. Crystal Structure of $(\eta^6\text{-1,3,5-C}_6\text{H}_5\{\text{TiCp}_2\text{Cl}\})\text{Cr}(\text{CO})_3$. <i>Inorganic Chemistry</i> , 1994, 33, 3605-3608.	4.0	19
17	Axial and equatorial carbene ligands of dimanganese and dirhenium monocarbene complexes: Synthesis, characterisation and structural studies. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 774-783.	1.8	19
18	Insertion of Pt into C-H and C-S bonds of thiophene derivatives. The X-ray crystal structure of a thiaplatinacycle of 3,6-dimethylthieno[3,2-b]thiophene. <i>Journal of Organometallic Chemistry</i> , 2003, 687, 39-45.	1.8	18

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19	Trimetallic complexes with σ -, σ -, π -bonded thienylene ligands. <i>Organometallics</i> , 1993, 12, 4250-4253.	2.3	17
20	Metal-metal bond cleavage of carbene complexes by halogens: The crystal and molecular structures of <i>ax</i> -[Mn ₂ (CO) ₉ {C(OEt) ₂ -thienyl}], [Mn(CO) ₄ (I){C(OEt) ₂ -thienyl}] and <i>eq</i> -[Mn ₂ (CO) ₉ {C(NH ₂) ₂ -thienyl}]. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5929-5937.	1.8	17
21	C-H and N-H activation by Pt(0) in <i>N</i> - and <i>O</i> -heteroaromatic compounds. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1315-1324.	1.8	16
22	π -Arene complexes. 6. Synthesis and characterization of η^6 -arene complexes of manganese with sulfur-containing ligands. <i>Organometallics</i> , 1990, 9, 293-300.	2.3	15
23	Di-tungsten Bis-carbene Complexes Linked by Condensed Heteroaromatic Spacers. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 419-426.	0.7	15
24	Fischer Dinuclear and Mononuclear Bis-Carbene Complexes of Thiophene and Thiophene Derivatives. <i>Organometallics</i> , 2012, 31, 5371-5383.	2.3	15
25	Mono-, di- and tetra-rhenium Fischer carbene complexes with thienothiophene substituents. <i>Dalton Transactions</i> , 2017, 46, 13983-13993.	3.3	14
26	Tetracarbonyl(carbene-phosphine) and tetracarbonyl(imidate-phosphine) complexes of chromium(0). <i>Journal of Organometallic Chemistry</i> , 1986, 314, 281-294.	1.8	12
27	Trimethylstannane derivatives of cobalt(I); synthesis and NMR spectroscopy. The crystal structures of [Co(Me ₃ Sn)(CO) ₃ L] (L = PPh ₃ , AsPh ₃). <i>Polyhedron</i> , 1991, 10, 2535-2539.	2.2	12
28	Rhenium ethoxy- and hydroxycarbene complexes with thiophene substituents. <i>Dalton Transactions</i> , 2011, 40, 9394.	3.3	12
29	Reactions of deprotonated sulphur-donor complexes of pentacarbonylchromium(0) with carbon disulphide or carbon diselenide. <i>Journal of Organometallic Chemistry</i> , 1987, 336, 349-360.	1.8	11
30	Ferrocenyl ligands in mixed valence high-oxidation state rhenium complexes. <i>Journal of Organometallic Chemistry</i> , 2000, 598, 108-115.	1.8	11
31	Synthesis and structure of 4,6-disubstituted dibenzothiophenes and their use in the preparation of binuclear platinum(II) complexes. <i>New Journal of Chemistry</i> , 2003, 27, 1735.	2.8	11
32	η^6 -Arene complexes. <i>Journal of Organometallic Chemistry</i> , 1984, 273, 61-68.	1.8	9
33	Synthesis and properties of mono- and dimetal Fischer multicarbene complexes derived from thiophene and thieno[2,3- <i>b</i>]thiophene. <i>Dalton Transactions</i> , 2015, 44, 19218-19231.	3.3	9
34	Metallo-cyclic carbene complexes of chromium(0). The crystal and molecular structure of a chromium(0) complex with an aminoarylcarbene chelating ligand. <i>Transition Metal Chemistry</i> , 1988, 13, 170-175.	1.4	8
35	The reactions of η^1 and η^3 cobalt(I) allyl complexes with bis(phosphine) ligands: a synthetic and		

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37	Œ-Arene complexes. <i>Inorganica Chimica Acta</i> , 1999, 284, 127-132.	2.4	8
38	Titanium complexes of Œ-coordinated thiophene derivatives. <i>Journal of Organometallic Chemistry</i> , 2003, 678, 5-14.	1.8	8
39	Substitution reactions of tetrahydrofuran in [Cr(thf)3Cl3] with mono and bidentate N-donor ligands: X-ray crystal structures of [Cr(bipy)(OH2)Cl3] and [HpyNH2][Cr(bipy)Cl4]. <i>Inorganica Chimica Acta</i> , 2008, 361, 3042-3052.	2.4	8
40	Iron carbene complexes Part 4. Substitution reactions of diiron carbene complexes with P(OMe)3, PPh3 and tBuNC ligands. <i>Inorganica Chimica Acta</i> , 1989, 163, 167-172.	2.4	7
41	Iron carbene complexes. <i>Journal of Organometallic Chemistry</i> , 1989, 371, 371-382.	1.8	7
42	The synthesis, structural features and thermal behaviour of thiophene-containing dithiocarboxylate complexes of zinc(II). <i>Polyhedron</i> , 2006, 25, 3562-3568.	2.2	7
43	Synthesis and properties of Fischer carbene complexes of N,N-dimethylaniline and anisole Œ-coordinated to chromium tricarbonyl. <i>Journal of Organometallic Chemistry</i> , 2018, 869, 54-66.	1.8	7
44	Differences in behaviour of alkoxy-carbene complexes towards nitrogen electrophiles. The reactions of a heterometallic carbene-thio chelate with primary and secondary amines and 1,1-dimethylhydrazine. <i>Journal of Organometallic Chemistry</i> , 1979, 173, C1-C5.	1.8	5
45	Reassessment of the electronic absorption spectra of Cr(Œ-C6H6)2, Cr(CO)6 and Cr(Œ-C6H6)(CO)3. <i>Journal of Organometallic Chemistry</i> , 1985, 293, c33-c37.	1.8	5
46	Œ-Arene complexes. <i>Journal of Organometallic Chemistry</i> , 1985, 295, 51-61.	1.8	5
47	Heteroarylphosphorus ligands in platinum(II) complexes. The structure of trans-[Pt(P{2-(N-methylpyrrolyl)}iPr2)2Cl2]. <i>Inorganica Chimica Acta</i> , 2000, 305, 32-37.	2.4	5
48	Œ-Arene complexes.. <i>Inorganica Chimica Acta</i> , 2000, 310, 147-155.	2.4	5
49	The synthesis, characterization and melting properties of thiophene-containing dithiocarboxylate complexes of nickel(II). <i>Polyhedron</i> , 2007, 26, 3471-3477.	2.2	5
50	Fischer-Type Carbene Complexes of Tris(1,4-phenylene)amines and Tri(2-furyl)phosphine. <i>Organometallics</i> , 2015, 34, 696-710.	2.3	5
51	Thiophene site activation: Synthesis and structures of Fischer carbene complexes with 3,3- and 2,3-bithienyl substituents. <i>Polyhedron</i> , 2019, 158, 193-207.	2.2	5
52	Synthesis of iron thienyl complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 2602-2608.	2.4	3
53	Trends in the chemistry of mono- to multimetal Œ-arene complexes of chromium and manganese. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 39-57.	3.7	3
54	Synthesis and structure of thienyl Fischer carbene complexes of Pt ^{II} for application in alkyne hydrosilylation. <i>New Journal of Chemistry</i> , 2021, 45, 6220-6230.	2.8	3

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55	Structures of a Tetradentate Ferrocenyl Ligand and Its Oxorhenium(V) Complex in Solution and in the Solid State. <i>Inorganic Chemistry</i> , 2001, 40, 1199-1205.	4.0	2
56	1/4-Furan-2,5-diylbis(methoxycarbene)-bis[pentacarbonylchromium(0)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m331-m334.	0.2	2
57	Synthesis and structure of annulated dithieno[2,3-b;3,4-c]thienyl- and ring-opened 3,4-bithienyl Fischer carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2020, 925, 121466.	1.8	2
58	Chelated Fischer carbene complexes of annulated thiophenes: synthesis, structure and electrochemistry. <i>Dalton Transactions</i> , 2020, 49, 15339-15354.	3.3	2
59	The Effect of Remote Donor Substituents on the Properties of Alkoxy and Amino Fischer Carbene Complexes of Tungsten. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1152-1164.	1.2	2
60	Tricarbonyl Phosphine, Phosphite, and Arsine Derivatives of Cobalt(I). <i>Inorganic Syntheses</i> , 2007, , 174-182.	0.3	1
61	Design and synthesis of some titanium and molybdenum complexes as potential antitumor agents. <i>Journal of Inorganic Biochemistry</i> , 1995, 59, 736.	3.5	0
62	Roles Played by Carbene Substituents During Ligand Transfer Reactions Between Tungsten Fischer Carbene Complexes and [Pt(COD)Cl ₂]. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122113.	1.8	0
63	Fischer carbene complexes of cobalt(I): Synthesis and structure. <i>Journal of Molecular Structure</i> , 2022, 1252, 132093.	3.6	0