

# Simon Lotz

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fischer carbene complexes of cobalt(I): Synthesis and structure. <i>Journal of Molecular Structure</i> , 2022, 1252, 132093.	3.6	0
2	Synthesis and structure of thienyl Fischer carbene complexes of Pt <sup>II</sup> for application in alkyne hydrosilylation. <i>New Journal of Chemistry</i> , 2021, 45, 6220-6230.	2.8	3
3	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
4	Roles Played by Carbene Substituents During Ligand Transfer Reactions Between Tungsten Fischer Carbene Complexes and [Pt(COD)Cl <sub>2</sub> ]. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122113.	1.8	0
5	Synthesis and structure of annulated dithieno[2,3-b;3,4-b']thienyl- and ring-opened 3,4-bithienyl Fischer carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2020, 925, 121466.	1.8	2
6	Chelated Fischer carbene complexes of annulated thiophenes: synthesis, structure and electrochemistry. <i>Dalton Transactions</i> , 2020, 49, 15339-15354.	3.3	2
7	Thiophene site activation: Synthesis and structures of Fischer carbene complexes with 3,4- and 2,3-bithienyl substituents. <i>Polyhedron</i> , 2019, 158, 193-207.	2.2	5
8	Synthesis and properties of Fischer carbene complexes of N,N-dimethylaniline and anisole $\eta^6$ -coordinated to chromium tricarbonyl. <i>Journal of Organometallic Chemistry</i> , 2018, 869, 54-66.	1.8	7
9	Mono-, di- and tetra- rhenium Fischer carbene complexes with thienothiophene substituents. <i>Dalton Transactions</i> , 2017, 46, 13983-13993.	3.3	14
10	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
11	Synthesis and properties of mono- and dimetal Fischer multicarbene complexes derived from thiophene and thieno[2,3-b]thiophene. <i>Dalton Transactions</i> , 2015, 44, 19218-19231.	3.3	9
12	Trends in the chemistry of mono- to multimetal $\eta^6$ -arene complexes of chromium and manganese. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 39-57.	3.7	3
13	Fischer Dinuclear and Mononuclear Bis-Carbene Complexes of Thiophene and Thiophene Derivatives. <i>Organometallics</i> , 2012, 31, 5371-5383.	2.3	15
14	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
15	Rhenium ethoxy- and hydroxycarbene complexes with thiophene substituents. <i>Dalton Transactions</i> , 2011, 40, 9394.	3.3	12
16	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
17	Properties of homo- and heteronuclear mixed biscarbene complexes with conjugated bithiophene units. <i>Inorganica Chimica Acta</i> , 2010, 363, 705-717.	2.4	22
18	Synthesis and reactivity of metal carbene complexes with heterobiaryl spacer substituents. <i>Dalton Transactions</i> , 2009, , 697-710.	3.3	27

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19	Substitution reactions of tetrahydrofuran in $[\text{Cr}(\text{thf})_3\text{Cl}_3]$ with mono and bidentate N-donor ligands: X-ray crystal structures of $[\text{Cr}(\text{bipy})(\text{OH}_2)\text{Cl}_3]$ and $[\text{HpyNH}_2][\text{Cr}(\text{bipy})\text{Cl}_4]$ . <i>Inorganica Chimica Acta</i> , 2008, 361, 3042-3052.	2.4	8
20	Steric and Electronic Effects of Metal-Containing Substituents in Fischer Carbene Complexes of Chromium. <i>Organometallics</i> , 2008, 27, 2447-2456.	2.3	27
21	Tricarbonyl Phosphine, Phosphite, and Arsine Derivatives of Cobalt(I). <i>Inorganic Syntheses</i> , 2007, , 174-182.	0.3	1
22	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
23	The synthesis, characterization and melting properties of thiophene-containing dithiocarboxylate complexes of nickel(II). <i>Polyhedron</i> , 2007, 26, 3471-3477.	2.2	5
24	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
25	$\eta^4$ -Furan-2,5-diylbis(methoxycarbene)-bis[pentacarbonylchromium(0)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m331-m334.	0.2	2
26	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
27	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
28	Metal-metal bond cleavage of carbene complexes by halogens: The crystal and molecular structures of ax- $[\text{Mn}_2(\text{CO})_9\{\text{C}(\text{OEt})_2\text{-thienyl}\}]$ , $[\text{Mn}(\text{CO})_4(\text{I})\{\text{C}(\text{OEt})_2\text{-thienyl}\}]$ and eq- $[\text{Mn}_2(\text{CO})_9\{\text{C}(\text{NH}_2)_2\text{-thienyl}\}]$ . <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5929-5937.	1.8	17
29	Synthesis of iron thienyl complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 2602-2608.	2.4	3
30	C-H and N-H activation by Pt(0) in N- and O-heteroaromatic compounds. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1315-1324.	1.8	16
31	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
32	Titanium complexes of $\eta^5$ -coordinated thiophene derivatives. <i>Journal of Organometallic Chemistry</i> , 2003, 678, 5-14.	1.8	8
33	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
34	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
35	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
36	Heteroarylphosphorus ligands in platinum(II) complexes. The structure of trans- $[\text{Pt}(\text{P}\{2\text{-}(\text{N-methylpyrrolyl})\}\text{iPr}_2)_2\text{Cl}_2]$ . <i>Inorganica Chimica Acta</i> , 2000, 305, 32-37.	2.4	5

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37	$\eta^6$ -Arene complexes. Inorganica Chimica Acta, 2000, 310, 147-155.	2.4	5
38	Ferrocenyl ligands in mixed valence high-oxidation state rhenium complexes. Journal of Organometallic Chemistry, 2000, 598, 108-115.	1.8	11
39	$\eta^6$ -Arene complexes. Inorganica Chimica Acta, 1999, 284, 127-132.	2.4	8
40	Synthesis, characterization and decomposition patterns for thienylene bridged dinuclear biscarbene complexes of manganese and chromium in refluxing carbon disulphide and acetone. Journal of Organometallic Chemistry, 1998, 566, 133-142.	1.8	32
41	Preferred Coordination Sites for Metal Fragments in $\eta^6, \eta^6$ -Bimetallic Complexes. Detailed Mechanistic Insight from Heteroatom, Bridging Ligand, Solvent, Temperature, and Pressure Effects on the Irreversible Exchange of Coordination Sites <sup>1</sup> . Organometallics, 1997, 16, 4056-4070.	2.3	27
42	Design and synthesis of some titanium and molybdenum complexes as potential antitumor agents. Journal of Inorganic Biochemistry, 1995, 59, 736.	3.5	0
43	$\pi$ -Arene Complexes. 10. Arene Distortions in $\pi$ -Arene Complexes of Chromium by Ring Substituents. Crystal Structure of $(\eta^6-1,6-C_6H_5\{TiCp_2Cl\})Cr(CO)_3$ . Inorganic Chemistry, 1994, 33, 3605-3608.	4.0	19
44	$(\eta^5-1-tpMn, \eta^5-5-tpCr) \rightarrow (\eta^5-1-tpCr, \eta^5-5-tpMn)$ Thiophene(tp) Conversion due to Bimetallic Activation: A Novel Metal-Exchange Reaction. Angewandte Chemie International Edition in English, 1993, 32, 710-712.	4.4	31
45	$\eta^6$ -Arene complexes IX. Crystal structure of a novel benzoyl bridged heterobimetallic complex, $[cis-(CO)_4\{(MeO)_3P\}Mn\{\eta^6-1,6-C_6H_5C(O)\}Cr(CO)_3]$ . Inorganica Chimica Acta, 1993, 208, 207-211.	2.4	8
46	Trimetallic complexes with $\sigma, \sigma, \pi$ -bonded thienylene ligands. Organometallics, 1993, 12, 4250-4253.	2.3	17
47	$\pi$ -Arene complexes. 7. Heterobimetallic complexes of chromium and manganese with bridging $\sigma, \pi$ -benzene and -benzoyl ligands. Organometallics, 1992, 11, 629-639.	2.3	33
48	$\pi$ -Arene complexes. 8. Early/late heterobimetallic complexes in chromium with $\sigma, \pi$ -bridged arene ligands. Organometallics, 1992, 11, 1104-1111.	2.3	39
49	The reactions of $\eta^5-1$ and $\eta^5-3$ cobalt(I) allyl complexes with bis(phosphine) ligands: a synthetic and		

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55	Use of organolithium reagents in the synthesis of diiron complexes with bridged and terminal carbene ligands. X-ray structures of [cyclic] (CO) <sub>3</sub> Fe{.mu.-C(OEt)-.eta.2-C <sub>6</sub> H <sub>4</sub> NMe <sub>2</sub> }Fe(CO) <sub>3</sub> and [cyclic] (CO) <sub>3</sub> Fe{S(CH <sub>2</sub> ) <sub>3</sub> S}Fe(CO) <sub>2</sub> {C(OEt)Ph}. <i>Organometallics</i> , 1987, 6, 499-505.	2.3	23
56	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
57	.pi.-Arene complexes. 3. End-to-end bridging thiocarbonyl complexes. Crystal and molecular structure of (.eta.6-toluene)heptacarbonyl(thiocarbonyl)dichromium. <i>Inorganic Chemistry</i> , 1986, 25, 3053-3057.	4.0	21
58	Tetracarbonyl(carbene-phosphine) and tetracarbonyl(imidate-phosphine) complexes of chromium(0). <i>Journal of Organometallic Chemistry</i> , 1986, 314, 281-294.	1.8	12
59	Reassessment of the electronic absorption spectra of Cr( $\eta$ -6-C <sub>6</sub> H <sub>6</sub> ) <sub>2</sub> , Cr(CO) <sub>6</sub> and Cr( $\eta$ -6-C <sub>6</sub> H <sub>6</sub> )(CO) <sub>3</sub> . <i>Journal of Organometallic Chemistry</i> , 1985, 293, c33-c37.	1.8	5
60	$\eta$ -Arene complexes. <i>Journal of Organometallic Chemistry</i> , 1985, 295, 51-61.	1.8	5
61	Sulphur-containing metal complexes. <i>Journal of Organometallic Chemistry</i> , 1985, 280, 241-251.	1.8	22
62	$\eta$ -Arene complexes. <i>Journal of Organometallic Chemistry</i> , 1984, 273, 61-68.	1.8	9
63	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