

# Alexander Hildebrandt

## List of Publications by Year in descending order

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87  
papers

2,249  
citations

201674

27  
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#	ARTICLE	IF	CITATIONS
1	Triazole-tethered ferrocene-quinoline conjugates: solid-state structure analysis, electrochemistry and theoretical calculations. <i>Structural Chemistry</i> , 2021, 32, 2291-2301.	2.0	4
2	(Spectro)electrochemical Properties of Anthracene Containing Triarylamine Platinum(II) Acetylides. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2523-2532.	2.0	3
3	Ferrocene-Fused Acenequinones: Synthesis, Structure and Reaction Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 578-589.	2.0	2
4	Anthracene-Containing Gold(I) Triphenylphosphine Acetylide: Synthesis and (Spectro)electrochemical Properties. <i>ChemistrySelect</i> , 2021, 6, 12752-12756.	1.5	1
5	Ferrocenyl-Pyrenes, Ferrocenyl-10-Phenanthrenediones, and Ferrocenyl-10-Dimethoxyphenanthrenes: Charge-Transfer Studies and SWCNT Functionalization. <i>Chemistry - A European Journal</i> , 2020, 26, 2635-2652.	3.3	18
6	Synthesis, Characterization, and Electrochemistry of Diferrocenyl $\beta^2$ -Diketones, -Diketonates, and Pyrazoles. <i>Molecules</i> , 2020, 25, 4476.	3.8	5
7	Synthesis and characterization of 1,4-chalcogenesters bearing 5-membered heterocycles. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	1.5	2
8	$Ru^{II}$ and $Ru^{III}$ Chloronitrile Complexes: Synthesis, Reaction Chemistry, Solid State Structure, and (Spectro)Electrochemical Behavior. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1820-1833.	1.2	3
9	Anion and solvent dependency of the electronic coupling strength in mixed valent class II systems. <i>Dalton Transactions</i> , 2019, 48, 13162-13168.	3.3	16
10	Ferrocenyl naphthalenes: substituent- and substitution pattern-dependent charge transfer studies. <i>Dalton Transactions</i> , 2019, 48, 14418-14432.	3.3	11
11	Diaqua- $\beta^2$ -octaferrocenyltetraphenylporphyrin: a multiredox-active and air-stable $16\pi$ non-aromatic species. <i>Dalton Transactions</i> , 2019, 48, 1578-1585.	3.3	12
12	Electrochemical studies of the M <sup>I</sup> /M <sup>II</sup> and M <sup>II</sup> /M <sup>III</sup> (M = Ni, Cu) couples in mono- to tetranuclear complexes with oxamato/oxamidato ligands. <i>Electrochimica Acta</i> , 2019, 318, 181-193.	5.2	4
13	Synthesis and Electrochemical Investigations of $[Ru(\eta^5-C_5R_5)(\eta^5-C_5R_5)(\eta^5-C_5R_5)]^{+}$ Sandwich Compounds. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2419-2429.	2.0	5
14	Synthesis, Electrochemistry, and Optical Properties of Half-Sandwich Ruthenium Complexes Bearing Triarylamine-Anthracenes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1547-1547.	2.0	1
15	Synthesis, Electrochemistry, and Optical Properties of Half-Sandwich Ruthenium Complexes Bearing Triarylamine-Anthracenes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 671-675.	2.0	6
16	Ferrocenyl GNA Nucleosides: A Bridge between Organic and Organometallic Xenonucleic Acids. <i>ChemPlusChem</i> , 2018, 83, 77-86.	2.8	14
17	Molecular electrochemistry of multi-redox functionalized 5-membered heterocycles. <i>Current Opinion in Electrochemistry</i> , 2018, 8, 39-44.	4.8	19
18	Synthesis and crystal structure of an acetylenic ferrocenyl substituted phosphalkene. <i>Inorganica Chimica Acta</i> , 2018, 471, 741-745.	2.4	7

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19	Cationic tri(ferrocenecarbonitrile)silver(I). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 759-764.	0.7	5
20	Ferrocenyl-Functionalized $\eta^5$ -Thiophene Cr(CO) <sub>3</sub> Half-Sandwich Compounds. European Journal of Inorganic Chemistry, 2018, 2018, 4566-4572.	2.0	4
21	Ladder-like diferrocenyloxytetraalkyldistannoxanes. Journal of Organometallic Chemistry, 2018, 870, 104-109.	1.8	2
22	The role of the anion in the charge transfer properties of mixed-valent biferrocene. Inorganica Chimica Acta, 2018, 483, 39-43.	2.4	11
23	Synthesis and Electrochemical Behavior of Ferrocenyl-Functionalized Metallocenes M( $\eta^5$ -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> (EFC) <sub>2</sub> (M = Ti, Zr; E = O, S, Se). European Journal of Inorganic Chemistry, 2018, 2018, 3156-3163.	2.0	5
24	Ferrocenylmethyl-functionalized 5-membered heterocycles: Synthesis, solid-state structure and electrochemical investigations. Polyhedron, 2018, 152, 188-194.	2.2	6
25	Electrostatic interactions within mixed-valent compounds. Coordination Chemistry Reviews, 2018, 371, 56-66.	18.8	43
26	Synthesis and Electrochemical Behavior of Ferrocenyl-Functionalized Metallocenes M( $\eta^5$ -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> (EFC) <sub>2</sub> (M = Ti, Zr; E = O, S, Se). European Journal of Inorganic Chemistry, 2018, 2018, 3156-3163.	2.0	5
27	1,1-Bis(thymine)ferrocene Nucleoside: Synthesis and Study of Its Stereoselective Formation. ChemPlusChem, 2017, 82, 859-866.	2.8	8
28	Synthesis and Catalysis of Redox-Active Bis(imino)acenaphthene (BIAN) Iron Complexes. ChemCatChem, 2017, 9, 3203-3209.	3.7	58
29	From diferrocenyl-cyclopropenone to diferrocenyl-cyclopropenylium cations and triferrocenylpropenones: An electrochemical study. Journal of Organometallic Chemistry, 2017, 847, 105-113.	1.8	6
30	Ferrocenyloxysilanes: Synthesis, characterization and electrochemical investigations. Journal of Organometallic Chemistry, 2017, 845, 98-106.	1.8	8
31	Coordination behavior of (ferrocenylethynyl)diphenylphosphane towards binuclear iron and cobalt carbonyls. Journal of Organometallic Chemistry, 2017, 828, 142-151.	1.8	5
32	Anionic polymerization of multi-vinylferrocenes. Journal of Organometallic Chemistry, 2017, 853, 149-158.	1.8	2
33	Tri- (M = Cu II) and hexanuclear (M = Ni II, Co II) heterometallic coordination compounds with ferrocene monocarboxylate ligands: Solid-state structures and thermogravimetric, electrochemical and magnetic properties. Polyhedron, 2017, 138, 185-193.	2.2	4
34	Mono-, di- and tetra-rhenium Fischer carbene complexes with thienothiophene substituents. Dalton Transactions, 2017, 46, 13983-13993.	3.3	14
35	Multiferrocenyl Cobalt-Based Sandwich Compounds. European Journal of Inorganic Chemistry, 2017, 2017, 263-275.	2.0	11
36	Cymantrene, Cyrtetrene and Ferrocene Nucleobase Conjugates: Synthesis, Structure, Computational Study, Electrochemistry and Antitrypanosomal Activity. ChemPlusChem, 2017, 82, 303-314.	2.8	29

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37	Electronically Strongly Coupled Divinylheterocyclic-bridged Diruthenium Complexes. Chemistry - A European Journal, 2016, 22, 783-801.	3.3	49
38	Nucleophilic Aromatic Substitution Reactions for the Synthesis of Ferrocenyl Aryl Ethers. Organometallics, 2016, 35, 1287-1300.	2.3	20
39	Synthesis and isomerization behavior of cyano-vinyl ferrocenes. Journal of Organometallic Chemistry, 2016, 820, 89-97.	1.8	5
40	Electron Transfer Studies on Conjugated Ferrocenyl-Containing Oligomers. Organometallics, 2016, 35, 3713-3719.	2.3	9
41	Electronic interactions in gold(I) complexes of 2,5-diferrocenyl-1-phenyl-1H-phosphole. Journal of Organometallic Chemistry, 2016, 803, 104-110.	1.8	17
42	Multi-functionalized ferrocenes: "Synthesis and characterization". Journal of Organometallic Chemistry, 2016, 804, 87-94.	1.8	20
43	Electronic Tuneable Dynamic and Electrochemical Behavior of <i>N</i> -(Diferrocenylmethylene)anilines. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2282-2290.	1.2	4
44	Synthesis and (spectro)electrochemistry of mixed-valent diferrocenyl-dihydrothiopyran derivatives. Dalton Transactions, 2015, 44, 6268-6276.	3.3	19
45	Five-Membered Heterocycles as Linking Units in Strongly Coupled Homobimetallic Group 8 Metal Half-Sandwich Complexes. Organometallics, 2015, 34, 2826-2840.	2.3	35
46	(Ferrocenylthienyl)phosphines for the Suzuki-Miyaura C,C coupling. Inorganic Chemistry Communication, 2015, 54, 96-99.	3.9	8
47	Half-sandwich cobalt complexes in the metal-organic chemical vapor deposition process. Thin Solid Films, 2015, 578, 180-184.	1.8	8
48	Electronic modification of redox active ferrocenyl termini and their influence on the electrontransfer properties of 2,5-diferrocenyl- <i>N</i> -phenyl-1 <i>H</i> -pyrroles. Journal of Organometallic Chemistry, 2015, 792, 37-45.	1.8	31
49	Influence of $\pi$ -Bonded Bulky Substituents on Electronic Interactions in Ferrocenyl-substituted Phospholes. Chemistry - A European Journal, 2015, 21, 11545-11559.	3.3	39
50	Transition-Metal Carbonyl Complexes of 2,5-Diferrocenyl-1-phenyl-1 <i>H</i> -phosphole. Organometallics, 2015, 34, 4293-4304.	2.3	33
51	The influence of an ethynyl spacer on the electronic properties in 2,5-ferrocenyl-substituted heterocycles. Polyhedron, 2015, 86, 2-9.	2.2	28
52	Fabrication of a porphyrin-based electrochemical biosensor for detection of nitric oxide released by cancer cells. Journal of Solid State Electrochemistry, 2015, 19, 169-177.	2.5	21
53	Ferrocenyl-based <i>P,N</i> Catalysts for the Mono-arylation of Acetone. Advanced Synthesis and Catalysis, 2014, 356, 2979-2983.	4.3	22
54	3,4-Ferrocenyl-Functionalized Pyrroles: Synthesis, Structure, and (Spectro)Electrochemical Studies. European Journal of Inorganic Chemistry, 2014, 2014, 1051-1061.	2.0	18

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55	Electron-Transfer Studies of trans-Platinum Bis(acetylide) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5541-5553.	2.0	11
56	1,3,5-Triferrocenyl-2,4,6-tris(ethynylferrocenyl)-benzene – a new member of the family of multiferrocenyl-functionalized cyclic systems. <i>Dalton Transactions</i> , 2014, 43, 16310-16321.	3.3	31
57	Synthesis, Properties, and Electron Transfer Studies of Ferrocenyl Thiophenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2809-2816.	1.2	17
58	A Planar-Chiral Phosphino(alkenyl)ferrocene for Suzuki–Miyaura C–C Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6676-6685.	2.4	32
59	A cobalt layer deposition study: Dicobaltatetrahedranes as convenient MOCVD precursor systems. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4676.	5.5	13
60	Synthesis, Characterization, Electrochemistry, and Computational Studies of Ferrocenyl-Substituted Siloles. <i>Organometallics</i> , 2014, 33, 4836-4845.	2.3	49
61	Combining Cobalt-Assisted Alkyne Cyclotrimerization and Ring Formation through C–H Bond Activation: A One-Pot Approach to Complex Multimetallic Structures. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4258-4262.	2.0	12
62	Substituent Influence on Charge Transfer Interactions in $\eta^5, \eta^5$ -Diferrocenylthiophenes. <i>Organometallics</i> , 2014, 33, 4813-4823.	2.3	50
63	From Ferrocenecarbonitriles to Ferrocenylimines: Synthesis, Structure, and Reaction Chemistry. <i>Organometallics</i> , 2014, 33, 4279-4289.	2.3	23
64	Di(biferrocenyl)ethyne and -butadiyne: Synthesis, properties and electron transfer studies. <i>Journal of Organometallic Chemistry</i> , 2014, 752, 133-140.	1.8	18
65	Planar-chiral phosphino alkenylferrocenes – Synthesis, solid-state structure and electrochemistry. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 742-753.	1.8	23
66	(Multi)ferrocenyl Five-Membered Heterocycles: Excellent Connecting Units for Electron Transfer Studies. <i>Organometallics</i> , 2013, 32, 5640-5653.	2.3	182
67	Synthesis and (Spectro)electrochemical Behavior of 2,5-Diferrocenyl-1-phenyl-1 <i>H</i> -phosphole. <i>Organometallics</i> , 2013, 32, 2993-3002.	2.3	75
68	Molecular Wires using (Oligo)pyrroles as Connecting Units: An Electron Transfer Study. <i>Organometallics</i> , 2013, 32, 6106-6117.	2.3	60
69	Tetrakis(ferrocenecarbonitrile) Copper(I) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1214-1219.	1.2	14
70	Allyl-End-Capped Grafted Carbosilane Dendrimers Based on 1,4-Phenylene Units: Synthesis, Reactivity, Structure, and Bonding Motifs. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2368-2381.	2.0	3
71	Hexacarbonyl (Trimethylsilyl Ethyne) Dicobalt as MOCVD Precursor for Thin Cobalt Layer Formation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2532-2535.	1.2	13
72	Synthesis and Characterization of Multiferrocenyl-Substituted Group...4 Metallocene Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 12672-12680.	3.3	51

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73	Electron Transfer Studies on Ferrocenylthiophenes: Synthesis, Properties, and Electrochemistry. <i>Organometallics</i> , 2012, 31, 6373-6380.	2.3	86
74	Di- and Triferrocenyl (Hetero)Aromatics: Synthesis, Characterization, (Spectro-)Electrochemistry, and Calculations. <i>Organometallics</i> , 2012, 31, 6761-6771.	2.3	84
75	Ferrocenyl Maleimides – Synthesis, (Spectro-)Electrochemistry, and Solvatochromism. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1114-1121.	2.0	35
76	Electronically Intercommunicating Iron Centers in Di- and Tetraferrocenyl Pyrroles. <i>Organometallics</i> , 2011, 30, 556-563.	2.3	116
77	Influence of Electron Delocalization in Heterocyclic Core Systems on the Electrochemical Communication in 2,5-Di- and 2,3,4,5-Tetraferrocenyl Thiophenes, Furans, and Pyrroles. <i>Inorganic Chemistry</i> , 2011, 50, 10623-10632.	4.0	104
78	Influencing the Electronic Interaction in Diferrocenyl-1-Phenyl-1H-Pyrroles. <i>Dalton Transactions</i> , 2011, 40, 11831.	3.3	77
79	Alkynyl Ti <sup>IV</sup> complexes based on M(CO) <sub>4</sub> and MO <sub>2</sub> building blocks (M = Mo, W). <i>Journal of Organometallic Chemistry</i> , 2011, , .	1.8	0
80	5-Membered heterocycles with directly-bonded sandwich and half-sandwich termini as multi-redox systems: synthesis, reactivity, electrochemistry, structure and bonding. <i>Reviews in Inorganic Chemistry</i> , 2011, 31, .	4.1	54
81	Diferrocenes containing thiadiazole connectivities. <i>Inorganica Chimica Acta</i> , 2011, 374, 112-118.	2.4	44
82	A dimanganese(II) complex with bridging chlorides: Synthesis, electrochemistry, magnetic behavior, structure and bonding. <i>Inorganica Chimica Acta</i> , 2011, 365, 277-281.	2.4	8
83	Ferrocenylsubstituierte Metallacyclen des Titanocens - Oligocyclopentadienylkomplexe mit vielversprechenden Eigenschaften. <i>Angewandte Chemie</i> , 2011, 123, 11444-11448.	2.0	30
84	Ferrocenyl-Substituted Metallacycles of Titanocenes: Oligocyclopentadienyl Complexes with Promising Properties. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11248-11252.	13.8	51
85	Alkynyl Ti <sup>IV</sup> complexes with M = Cd and Hg: Synthesis, characterization, and reaction chemistry. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2491-2498.	1.8	10
86	Synthesis and Reaction Chemistry of Heterodi- and Heterotrimetallic Transition-Metal Complexes Based on 1-(Diphenylphosphanyl)-1 <sup>λ</sup> 2-terpyridylferrocene. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3615-3627.	2.0	23
87	A Star-Shaped Supercrowded 2,3,4,5-Tetraferrocenylthiophene: Synthesis, Solid-State Structure, and Electrochemistry. <i>Organometallics</i> , 2010, 29, 4900-4905.	2.3	108