Alexander Hildebrandt

List of Publications by Year
in descending order

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87 papers	2,249 citations	201674 27 h-index	233421 45 g-index
95 all docs	95 docs citations	95 times ranked	1278 citing authors

#	Article	IF	Citations
1	(Multi)ferrocenyl Five-Membered Heterocycles: Excellent Connecting Units for Electron Transfer Studies. Organometallics, 2013, 32, 5640-5653.	2.3	182
2	Electronically Intercommunicating Iron Centers in Di- and Tetraferrocenyl Pyrroles. Organometallics, 2011, 30, 556-563.	2.3	116
3	A Star-Shaped Supercrowded 2,3,4,5-Tetraferrocenylthiophene: Synthesis, Solid-State Structure, and Electrochemistry. Organometallics, 2010, 29, 4900-4905.	2.3	108
4	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. Inorganic Chemistry, 2011, 50, 10623-10632.	4.0	104
5	Electron Transfer Studies on Ferrocenylthiophenes: Synthesis, Properties, and Electrochemistry. Organometallics, 2012, 31, 6373-6380.	2.3	86
6	Di- and Triferrocenyl (Hetero)Aromatics: Synthesis, Characterization, (Spectro-)Electrochemistry, and Calculations. Organometallics, 2012, 31, 6761-6771.	2.3	84
7	Influencing the Electronic Interaction in Diferrocenyl-1-Phenyl-1H-Pyrroles. Dalton Transactions, 2011, 40, 11831.	3.3	77
8	Synthesis and (Spectro)electrochemical Behavior of 2,5-Diferrocenyl-1-phenyl-1H-phosphole. Organometallics, 2013, 32, 2993-3002.	2.3	75
9	Molecular Wires using (Oligo)pyrroles as Connecting Units: An Electron Transfer Study. Organometallics, 2013, 32, 6106-6117.	2.3	60
10	Synthesis and Catalysis of Redoxâ€Active Bis(imino)acenaphthene (BIAN) Iron Complexes. ChemCatChem, 2017, 9, 3203-3209.	3.7	58
11	5-Membered heterocycles with directly-bonded sandwich and half-sandwich termini as multi-redox systems: synthesis, reactivity, electrochemistry, structure and bonding. Reviews in Inorganic Chemistry, 2011, 31, .	4.1	54
12	Ferrocenylâ€Substituted Metallacycles of Titanocenes: Oligocyclopentadienyl Complexes with Promising Properties. Angewandte Chemie - International Edition, 2011, 50, 11248-11252.	13.8	51
13	Synthesis and Characterization of Multiferrocenylâ€Substituted Groupâ€…4 Metallocene Complexes. Chemistry - A European Journal, 2012, 18, 12672-12680.	3.3	51
14	Substituent Influence on Charge Transfer Interactions in Î±,Î±â€²-Diferrocenylthiophenes. Organometallics, 2014, 33, 4813-4823.	2.3	50
15	Synthesis, Characterization, Electrochemistry, and Computational Studies of Ferrocenyl-Substituted Siloles. Organometallics, 2014, 33, 4836-4845.	2.3	49
16	Electronically Strongly Coupled Divinylheterocyclicâ€Bridged Diruthenium Complexes. Chemistry - A European Journal, 2016, 22, 783-801.	3.3	49
17	Diferrocenes containing thiadiazole connectivities. Inorganica Chimica Acta, 2011, 374, 112-118.	2.4	44
18	Electrostatic interactions within mixed-valent compounds. Coordination Chemistry Reviews, 2018, 371, 56-66.	18.8	43

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19	Influence of Pâ€Bonded Bulky Substituents on Electronic Interactions in Ferrocenylâ€Substituted Phospholes. Chemistry - A European Journal, 2015, 21, 11545-11559.	3.3	39
20	Ferrocenyl Maleimides â€“ Synthesis, (Spectroâ€)Electrochemistry, and Solvatochromism. European Journal of Inorganic Chemistry, 2012, 2012, 1114-1121.	2.0	35
21	Five-Membered Heterocycles as Linking Units in Strongly Coupled Homobimetallic Group 8 Metal Half-Sandwich Complexes. Organometallics, 2015, 34, 2826-2840.	2.3	35
22	Transition-Metal Carbonyl Complexes of 2,5-Diferrocenyl-1-phenyl-1H-phosphole. Organometallics, 2015, 34, 4293-4304.	2.3	33
23	A Planarâ€Chiral Phosphino(alkenyl)ferrocene for Suzukiâ€“Miyaura Câ€“C Coupling Reactions. European Journal of Organic Chemistry, 2014, 2014, 6676-6685.	2.4	32
24	1,3,5-Triferrocenyl-2,4,6-tris(ethynylferrocenyl)-benzene â€“ a new member of the family of multiferrocenyl-functionalized cyclic systems. Dalton Transactions, 2014, 43, 16310-16321.	3.3	31
25	Electronic modification of redox active ferrocenyl termini and their influence on the electrontransfer properties of 2,5-diferrocenyl- N -phenyl-1 H -pyrroles. Journal of Organometallic Chemistry, 2015, 792, 37-45.	1.8	31
26	Ferrocenylsubstituierte Metallacyclen des Titanocens - Oligocyclopentadienylkomplexe mit vielversprechenden Eigenschaften. Angewandte Chemie, 2011, 123, 11444-11448.	2.0	30
27	Cymantrene, Cyrhetrene and Ferrocene Nucleobase Conjugates: Synthesis, Structure, Computational Study, Electrochemistry and Antitrypanosomal Activity. ChemPlusChem, 2017, 82, 303-314.	2.8	29
28	The influence of an ethynyl spacer on the electronic properties in 2,5-ferrocenyl-substituted heterocycles. Polyhedron, 2015, 86, 2-9.	2.2	28
29	Synthesis and Reaction Chemistry of Heterodi- and Heterotrimetallic Transition-Metal Complexes Based on 1-(Diphenylphosphanyl)-1â€²-terpyridylferrocene. European Journal of Inorganic Chemistry, 2010, 2010, 3615-3627.	2.0	23
30	From Ferrocenecarbonitriles to Ferrocenylimines: Synthesis, Structure, and Reaction Chemistry. Organometallics, 2014, 33, 4279-4289.	2.3	23
31	Planar-chiral phosphino alkenylferrocenes â€“ Synthesis, solid-state structure and electrochemistry. Journal of Organometallic Chemistry, 2014, 751, 742-753.	1.8	23
32	Ferrocenylâ€Based P,N Catalysts for the Monoâ€Î±â€Arylation of Acetone. Advanced Synthesis and Catalysis, 2014, 356, 2979-2983.	4.3	22
33	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
34	Nucleophilic Aromatic Substitution Reactions for the Synthesis of Ferrocenyl Aryl Ethers. Organometallics, 2016, 35, 1287-1300.	2.3	20
35	Multi-functionalized ferrocenes: â€“Synthesis and characterization â€“. Journal of Organometallic Chemistry, 2016, 804, 87-94.	1.8	20
36	Synthesis and (spectro)electrochemistry of mixed-valent diferrocenylâ€“dihydrothiopyran derivatives. Dalton Transactions, 2015, 44, 6268-6276.	3.3	19

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37	Molecular electrochemistry of multi-redox functionalized 5-membered heterocycles. Current Opinion in Electrochemistry, 2018, 8, 39-44.	4.8	19
38	3,4-Ferrocenyl-Functionalized Pyrroles: Synthesis, Structure, and (Spectro)Electrochemical Studies. European Journal of Inorganic Chemistry, 2014, 2014, 1051-1061.	2.0	18
39	Di(biferrocenyl)ethyne and -butadiyne: Synthesis, properties andÂelectron transfer studies. Journal of Organometallic Chemistry, 2014, 752, 133-140.	1.8	18
40	Ferrocenylâ€Pyrenes, Ferrocenylâ€9,10â€Phenanthrenediones, and Ferrocenylâ€9,10â€Dimethoxyphenanthrenes: Chargeâ€Transfer Studies and SWCNT Functionalization. Chemistry - A European Journal, 2020, 26, 2635-2652.	3.3	18
41	Synthesis, Properties, and Electron Transfer Studies of Ferrocenyl Thiophenes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2809-2816.	1.2	17
42	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
43	Anion and solvent dependency of the electronic coupling strength in mixed valent class II systems. Dalton Transactions, 2019, 48, 13162-13168.	3.3	16
44	Tetrakis(ferrocenecarbonitrile) Copper(I) Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1214-1219.	1.2	14
45	Mono-, di- and tetrarhenium Fischer carbene complexes with thienothiophene substituents. Dalton Transactions, 2017, 46, 13983-13993.	3.3	14
46	Ferrocenyl GNA Nucleosides: A Bridge between Organic and Organometallic Xenoâ€nucleic Acids. ChemPlusChem, 2018, 83, 77-86.	2.8	14
47	Hexacarbonyl (Trimethylsilyl Ethyne) Dicobalt as MOCVD Precursor for Thin Cobalt Layer Formation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2532-2535.	1.2	13
48	A cobalt layer deposition study: Dicobaltatetrahedranes as convenient MOCVD precursor systems. Journal of Materials Chemistry C, 2014, 2, 4676.	5.5	13
49	Combining Cobaltâ€Assisted Alkyne Cyclotrimerization and Ring Formation through Câ€“H Bond Activation: A â€œOneâ€Potâ€•Approach to Complex Multimetallic Structures. European Journal of Inorganic Chemistry, 2014, 2014, 4258-4262.	2.0	12
50	Diaqua-Î²-octaferrocenyltetraphenylporphyrin: a multiredox-active and air-stable 16Ï€ non-aromatic species. Dalton Transactions, 2019, 48, 1578-1585.	3.3	12
51	Electron-Transfer Studies oftrans-Platinum Bis(acetylide) Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 5541-5553.	2.0	11
52	Multiferrocenyl Cobalt-Based Sandwich Compounds. European Journal of Inorganic Chemistry, 2017, 2017, 263-275.	2.0	11
53	The role of the anion in the charge transfer properties of mixed-valent biferrocene. Inorganica Chimica Acta, 2018, 483, 39-43.	2.4	11
54	Ferrocenyl naphthalenes: substituent- and substitution pattern-depending charge transfer studies. Dalton Transactions, 2019, 48, 14418-14432.	3.3	11

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55	Alkynyl Tiâ€“M complexes with MÂ=ÂCd and Hg: Synthesis, characterization, and reaction chemistry. Journal of Organometallic Chemistry, 2011, 696, 2491-2498.	1.8	10
56	Electron Transfer Studies on Conjugated Ferrocenyl-Containing Oligomers. Organometallics, 2016, 35, 3713-3719.	2.3	9
57	A dimanganese(II) complex with bridging chlorides: Synthesis, electrochemistry, magnetic behavior, structure and bonding. Inorganica Chimica Acta, 2011, 365, 277-281.	2.4	8
58	(Ferrocenylthienyl)phosphines for the Suzukiâ€“Miyaura C,C coupling. Inorganic Chemistry Communication, 2015, 54, 96-99.	3.9	8
59	Half-sandwich cobalt complexes in the metal-organic chemical vapor deposition process. Thin Solid Films, 2015, 578, 180-184.	1.8	8
60	1,1â€²â€Bis(thymine)ferrocene Nucleoside: Synthesis and Study of Its Stereoselective Formation. ChemPlusChem, 2017, 82, 859-866.	2.8	8
61	Ferrocenyloxysilanes: Synthesis, characterization and electrochemical investigations. Journal of Organometallic Chemistry, 2017, 845, 98-106.	1.8	8
62	Synthesis and crystal structure of an acetylenic ferrocenyl substituted phosphaalkene. Inorganica Chimica Acta, 2018, 471, 741-745.	2.4	7
63	From diferrocenyl-cyclopropenone to diferrocenyl-cyclopropenylium cations and triferrocenylpropenones: An electrochemical study. Journal of Organometallic Chemistry, 2017, 847, 105-113.	1.8	6
64	Synthesis, Electrochemistry, and Optical Properties of Half-Sandwich Ruthenium Complexes Bearing Triarylamine-Anthracenes. European Journal of Inorganic Chemistry, 2018, 2018, 671-675.	2.0	6
65	Ferrocenylmethyl-functionalized 5-membered heterocycles: Synthesis, solid-state structure and electrochemical investigations. Polyhedron, 2018, 152, 188-194.	2.2	6
66	Synthesis and isomerization behavior of cyano-vinyl ferrocenes. Journal of Organometallic Chemistry, 2016, 820, 89-97.	1.8	5
67	Coordination behavior of (ferrocenylethynyl)diphenylphosphane towards binuclear iron and cobalt carbonyls. Journal of Organometallic Chemistry, 2017, 828, 142-151.	1.8	5
68	Cationic tri(ferrocenecarbonitrile)silver(I). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 759-764.	0.7	5
69	Synthesis and Electrochemical Behavior of Ferrocenyl-Functionalized Metallocenes M(Î·5-C5H5)2(EFc)2(M = Ti, Zr; E = O, S, Se). European Journal of Inorganic Chemistry, 2018, 2018, 3156-3163.	2.0	5
70	Synthesis and Electrochemical Investigations of [Ru(Î·⁵â€Ferrocenylâ€Thiophene)(Î·⁵â€C₅R₅)]⁺ Sandwich Compounds. European Journal of Inorganic Chemistry, 2019, 2019, 2419-2429.	2.0	5
71	Synthesis, Characterization, and Electrochemistry of Diferrocenyl Î²-Diketones, -Diketonates, and Pyrazoles. Molecules, 2020, 25, 4476.	3.8	5
72	Electronic Tuneable Dynamic and Electrochemical Behavior of Nâ€(Diferrocenylmethylene)anilines. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2282-2290.	1.2	4

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73	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
74	Ferrocenyl-Functionalized Î·5 -Thiophene Cr(CO)3 Half-Sandwich Compounds. European Journal of Inorganic Chemistry, 2018, 2018, 4566-4572.	2.0	4
75	Electrochemical studies of the MI/II and MII/III (MÂ= Ni, Cu) couples in mono- to tetranuclear complexes with oxamato/oxamidato ligands. Electrochimica Acta, 2019, 318, 181-193.	5.2	4
76	Triazole-tethered ferrocene-quinoline conjugates: solid-state structure analysis, electrochemistry and theoretical calculations. Structural Chemistry, 2021, 32, 2291-2301.	2.0	4
77	Allylâ€Endâ€Grafted Carbosilane Dendrimers Based on 1,4â€Phenylene Units: Synthesis, Reactivity, Structure, and Bonding Motifs. European Journal of Inorganic Chemistry, 2013, 2013, 2368-2381.	2.0	3
78	Ru^{II} and Ru^{III} Chloronitrile Complexes: Synthesis, Reaction Chemistry, Solid State Structure, and (Spectro)Electrochemical Behavior. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1820-1833.	1.2	3
79	(Spectro)electrochemical Properties of Anthracene Containing Triarylamine Platinum(II) Acetylides. European Journal of Inorganic Chemistry, 2021, 2021, 2523-2532.	2.0	3
80	Anionic polymerization of multi-vinylferrocenes. Journal of Organometallic Chemistry, 2017, 853, 149-158.	1.8	2
81	Ladderâ€“like diferrocenyloxytetraalkyldistannoxanes. Journal of Organometallic Chemistry, 2018, 870, 104-109.	1.8	2
82	Synthesis and Electrochemical Behavior of Ferrocenylâ€‹Functionalized Metallocenes M(Î·⁵â€‹C₅H₅)₂(EFc)₂ (M = Ti, Zr; E = O,) Tj 6.5TQq0 0 0 rgBT /Ov		
83	Synthesis and characterization of 1,4-chalcogenesters bearing 5-membered heterocycles. Journal of Chemical Sciences, 2020, 132, 1.	1.5	2
84	Ferroceneâ€Fused Acenequinones: Synthesis, Structure and Reaction Chemistry. European Journal of Inorganic Chemistry, 2021, 2021, 578-589.	2.0	2
85	Synthesis, Electrochemistry, and Optical Properties of Half-Sandwich Ruthenium Complexes Bearing Triarylamine-Anthracenes. European Journal of Inorganic Chemistry, 2018, 2018, 1547-1547.	2.0	1
86	Anthraceneâ€Containing Gold(I) Triphenylphosphine Acetylide: Synthesis and (Spectro)electrochemical Properties. ChemistrySelect, 2021, 6, 12752-12756.	1.5	1
87	Alkynyl Tiâ€“M complexes based on M(CO)4 and MO2 building blocks (MÂ=ÂMo, W). Journal of Organometallic Chemistry, 2011, , .	1.8	0