Benno Bildstein

List of Publications by Year
in descending order

79 papers	2,145 citations	201674 27 h-index	243625 44 g-index
85 all docs	85 docs citations	85 times ranked	1850 citing authors

#	Article	IF	Citations
1	Borylated Cymantrenes and Tromancenium Salts with Unusual Reactivity. Organometallics, 2022, 41, 1464-1473.	2.3	2
2	(Cobaltoceniumylamido)pyridinium hexafluoridophosphate. IUCrData, 2021, 6, .	0.3	0
3	Cobaltoceniumselenolate Gold(I) Complexes: Synthesis, Spectroscopic, Structural and Anticancer Properties. European Journal of Inorganic Chemistry, 2021, 2021, 2784-2786.	2.0	6
4	Rhodocenium Functionalization Enabled by Halfâ€Sandwich Capping, Zincke Reaction, Diazoniation and Sandmeyer Chemistry. European Journal of Inorganic Chemistry, 2021, 2021, 3305-3313.	2.0	1
5	Cationic Cycloheptatrienyl Cyclopentadienyl Manganese Sandwich Complexes: Tromancenium Explored with High-Power LED Photosynthesis. Organometallics, 2021, 40, 2736-2749.	2.3	5
6	Bis(Î¼-cobaltoceniumselenolate-1:2Îº²) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (Se:Se)bis[bis(cobaltoc tetrakis(hexafluoridophosphate) acetonitrile disolvate. IUCrData, 2021, 6, .	0.3	0
7	Rhodocenium Monocarboxylic Acid Hexafluoridophosphate and Its Derivatives: Synthesis, Spectroscopy, Structure, and Electrochemistry. European Journal of Inorganic Chemistry, 2020, 2020, 1300-1310.	2.0	6
8	Oxidative Access via Aqua Regia to an Electrophilic, Mesoionic Dicobaltoceniumyltriazolylidene Gold(III) Catalyst. Organometallics, 2019, 38, 4383-4386.	2.3	29
9	Direct Amination of Cobaltocenium Hexafluoridophosphate via Vicarious Nucleophilic Substitution. Organometallics, 2019, 38, 2278-2279.	2.3	9
10	Redox-Rich Metallocene Tetrazene Complexes: Synthesis, Structure, Electrochemistry, and Catalysis. Organometallics, 2019, 38, 1361-1371.	2.3	16
11	Crystal structures of 1â€²-aminocobaltocenium-1-carboxylic acid chloride monohydrate and of its azo dye 1â€²-[2-(1-amino-2,6-dimethylphenyl)diazen-1-yl]cobaltocenium-1-carboxylic acid hexafluoridophosphate monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 208-213.	0.5	1
12	Cobaltocenylidene: A Mesoionic Metalloceno Carbene, Stabilized in a Gold(III) Complex. Chemistry - A European Journal, 2018, 24, 3165-3169.	3.3	17
13	Highly Electrophilic, Catalytically Active and Redoxâ€Responsive Cobaltoceniumyl and Ferrocenyl Triazolylidene Coinage Metal Complexes. Chemistry - A European Journal, 2018, 24, 3742-3753.	3.3	67
14	Metalloâ€Scorpionates: First Generation of Trimetallic, Homoleptic [Ru]â€“Mâ€“[Ru] Complexes (M = Fe, Co,) Tj ETQq0 0 0 rgBT /Overlo	2.0	6
15	Bis(4-cobaltoceniumyl-1-ferrocenyl-3-methyl-1,2,3-triazolylidene)gold(I) hexafluoridophosphateâ€“trifluoromethanesulfonate (1.2/1.8). IUCrData, 2018, 3, .	0.3	1
16	Cobaltoceniumsulfonate. IUCrData, 2017, 2, .	0.3	1
17	Monofunctionalized Cobaltocenium Compounds by Dediazoniation Reactions of Cobaltoceniumdiazonium Bis(hexafluorophosphate). Organometallics, 2016, 35, 2101-2109.	2.3	23
18	Cobaltoceniumethynyl gold(<scp>i</scp>) as an unusual heterodinuclear bioorganometallic fragment to study the biological properties of alkynyl gold complexes. Dalton Transactions, 2016, 45, 1345-1348.	3.3	19

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19	Cobaltocenium Carboxylate Transition Metal Complexes: Synthesis, Structure, Reactivity, and Cytotoxicity. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1282-1292.	1.2	16
20	Chemoselective, Practical Synthesis of Cobaltocenium Carboxylic Acid Hexafluorophosphate. Organometallics, 2014, 33, 1152-1156.	2.3	46
21	Ï€-Complexes of Tropolone and Its N-Derivatives: Ambidentate [O,O]/[N,O]/[N,N]-Cycloheptatrienyl Pentamethylcyclopentadienyl Ruthenium Sandwich Complexes. Organometallics, 2014, 33, 1630-1643.	2.3	19
22	Structurally diverse pyridyl or quinolyl enolato/enamido metal complexes of Li, Zr, Fe, Co, Ni, Cu and Zn. Inorganica Chimica Acta, 2013, 401, 38-49.	2.4	32
23	Efficient fluorophores based on pyridyl-enolato and enamido difluoroboron complexes: Simple alternatives to boron-dipyrromethene (bodipy) dyes. Inorganica Chimica Acta, 2013, 405, 116-120.	2.4	17
24	Molecular Structure of 1,2-Dibenzoyl-1â€²,2â€²,3â€²,4â€²,5â€²-pentamethylruthenocene Dioxime Hydrochloride. Journal of Crystallography, 2013, 2013, 1-4.	0.0	0
25	Crystal structure of [(E)-2-(2-((2,6-dimethylphenylimino)-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 512 Td ((phenyl)methyl)-Î·5-c Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, .	0.3	0
26	Redoxâ€Responsive Rhodocenium [O,O]â€, [N,O]â€, [N,N]â€, and [N,C,N]â€Metalloligands. European Journal of Inorganic Chemistry, 2011, 2011, 2958-2966.	2.0	5
27	Crystal structure of tetrahydrofuran (1:2), Zr(C40H43N5) Â· 2C4H8O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 673-675.	0.3	2
28	Doubly N-Functionalized Pentafulvenes and Redox-Responsive [N,N]- and [N,C,N]-Pincer Bis(imidoyl)pentamethylruthenocene Metalloligands. Organometallics, 2010, 29, 3169-3178.	2.3	14
29	Crystal structure of 4,8-dihydroxy-1,5-bis(diphenylcarbamoyl)- s-indaceneâ€" dichloromethane (1:2), C38H26N2O4 Â· 2CH2Cl2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 591-592.	0.3	0
30	Crystal structure of dimethyl 4,4'-(cyclopenta-3,5-diene-1,3-diyl)- bis(2,3,5,6-tetrafluorobenzoate), C21H10F8O4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 702-704.	0.3	0
31	Ferrocenyl-substituted allenylidene complexes of chromium, molybdenum and tungsten: Synthesis, structure and reactivity. Inorganica Chimica Acta, 2009, 362, 845-854.	2.4	10
32	On the way to biodegradable poly(hydroxy butyrate) from propylene oxide and carbon monoxide via Î²-butyrolactone: Multisite catalysis with newly designed chiral indole-imino chromium(III) complexes. Journal of Organometallic Chemistry, 2009, 694, 2493-2512.	1.8	18
33	An Efficient, Modular Route to New 2-Acyl-6-aminopentafulvenes and Planar-Chiral [N,O]-Functionalized Pentamethylruthenocenes. Organometallics, 2009, 28, 5575-5586.	2.3	12
34	Crystal structure of 2-benzoyl-6-hydroxy-6-phenylpentafulvene, C19H14O2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 544-546.	0.3	3
35	Crystal structure of dimethyl 4,4'-(cyclopenta-3,5-diene-1,3-diyl)- bis(2,3,5,6-tetrafluorobenzoate), C21H10F8O4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 668-670.	0.3	1
36	Crystal structure of 4,5,9,10-tetrathiocino[1,2-b;5,6-b']diimidazolyl- 1,3,6,8-tetraphenyl-2,7-dithione â€" dichloromethane (1:1), C30H20N4S6 Â· CH2Cl2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 231-232.	0.3	2

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37	Crystal structure of crystal structure of 4,5,9,10-tetrathiocino[1,2-b;5,6-b']diimidazolyl-1,3,6,8-tetramethyl-2,7-dione, C10H12N4O2S4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 233-234.	0.3	1
38	Supramolecular Stabilization of Hemiacetals ofN-Alkyl(Benz)Imidazole Aldehydes. Crystal Growth and Design, 2007, 7, 2380-2381.	3.0	8
39	Planar chiral ferrocene salen-type ligands featuring additional central and axial chirality. Journal of Organometallic Chemistry, 2006, 691, 1197-1215.	1.8	43
40	Highly Active Ethene Polymerization Catalysts with Unusual Imine Ligands. , 2005, , 59-99.		3
41	Heteroditopic Imino N-Heterocyclic Carbenes and Their Sulfur, Selenium, and Tungsten Tetracarbonyl Derivatives. European Journal of Inorganic Chemistry, 2005, 2005, 1325-1333.	2.0	38
42	Iminohydroxamato Early and Late Transition Metal Halide Complexesâˆ' New Precatalysts for Aluminoxane-Cocatalyzed Olefin Insertion Polymerization. European Journal of Inorganic Chemistry, 2004, 2004, 1740-1752.	2.0	27
43	[1,2]-Rearrangement of Imino-N-heterocyclic Carbenesâˆ' Synthesis and Structures of Chelating Iminoimidazole Pd and Ni Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 2827-2836.	2.0	37
44	Î±,Ï‰-Diferrocenyl Cumulene Molecular Wires Studied by Density Functional Theory. Organometallics, 2004, 23, 1825-1835.	2.3	21
45	Î±,Ï‰-Diferrocenyl Cumulene Molecular Wires. Synthesis, Spectroscopy, Structure, and Electrochemistry. Organometallics, 2004, 23, 1024-1041.	2.3	95
46	Title is missing!. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1334-1336.	1.2	23
47	N-Pyrrolyl-[N,N,N]-bis(imino)pyridyl iron(II) and cobalt(II) olefin polymerization catalysts. Applied Organometallic Chemistry, 2002, 16, 506-516.	3.5	25
48	Efficient telomerization of 1,3-butadiene with alcohols in the presence of in situ generated palladium(0)carbene complexes. Journal of Molecular Catalysis A, 2002, 185, 105-112.	4.8	89
49	DonorÃ¢â‚¬â€œacceptor complexes incorporating ferrocenes: spectroelectrochemical characterisation, quadratic hyperpolarisabilities and the effects of oxidising and reducing agents. Dalton Transactions RSC, 2001, , 3025-3038.	2.3	51
50	First Examples of a New Family of Redox-Functionalised Chelate Complexes Based on a 1,1â€²-Ferrocenediyl-Bridged Di(amido) Ligand. European Journal of Inorganic Chemistry, 2001, 2001, 913-916.	2.0	31
51	Carbenes with ferrocenyl substituents. Journal of Organometallic Chemistry, 2001, 617-618, 28-38.	1.8	46
52	In situ synthesis of the first C7 cumulene (Fc)2C˜...C˜...C˜...C˜...C˜...C(Fc)2 via deprotonation of its conjugate acid [(Fc)2C7H(Fc)2]+BF4âˆ' (Fc=ferrocenyl). Journal of Organometallic Chemistry, 2001, 622, 135-142.	1.8	23
53	Synthesis and electrochemistry of ferrocenyldiazabutadiene metal carbonyl complexes (Fc-DAB)M(CO)4 [M=Cr,Mo,W]. Inorganica Chimica Acta, 2000, 300-302, 16-22.	2.4	34
54	The disordered structure of tetraferrocenyl-[3]-cumulene, (Fc)2C=C=C=C(Fc)2, by simulated annealing using synchrotron powder diffraction data. Journal of Applied Crystallography, 2000, 33, 1199-1207.	4.5	9

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55	Cationic and neutral cumulene sp-carbon chains with ferrocenyl termini. Coordination Chemistry Reviews, 2000, 206-207, 369-394.	18.8	60
56	Reactivity and Structure of Diferrocenylamine and N,N - Diferrocenylcarbamoylchloride. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1999, 54, 1450-1456.	0.7	3
57	N-Heterocyclic carbenes with N-ferrocenyl-Nâ€²-methyl-substitution: synthesis, reactivity, structure and electrochemistry. Journal of Organometallic Chemistry, 1999, 572, 177-187.	1.8	91
58	Linear free-energy relationships and inverted Marcus region in the horseradish peroxidase-catalyzed oxidation of ferrocenes by hydrogen peroxide. Journal of Organometallic Chemistry, 1999, 589, 85-91.	1.8	16
59	Tetraferrocenyl[5]cumulene, (Fc)2CCCCCC(Fc)2:Â Synthesis, Electrochemistry, and Reactivity, Including Nickel(0)-Promoted [3]Ferrocenophane Formation and [2+2] Cycloaddition with Fullerene C60. Organometallics, 1999, 18, 4286-4295.	2.3	48
60	N,Nâ€˜-Diferrocenyl-N-heterocyclic Carbenes and Their Derivatives. Organometallics, 1999, 18, 4325-4336.	2.3	211
61	Cationic and Neutral [4]-Cumulenes CCCCC with Five Cumulated Carbons and Three to Four Ferrocenyl Termini. Organometallics, 1998, 17, 2414-2424.	2.3	38
62	Tetraferrocenyl-[3]-cumulene. Journal of Organometallic Chemistry, 1998, 553, 73-81.	1.8	12
63	Imidazoline-2-ylidene metal complexes with pendant ferrocenyl substituents. Journal of Organometallic Chemistry, 1998, 552, 45-61.	1.8	114
64	Redox disproportionation and radical coupling products of formyl(pentamethyl)cobaltocene. Journal of Organometallic Chemistry, 1998, 563, 219-225.	1.8	6
65	Transmission of Magnetic Interactions through an Organometallic Coupler:Â A Novel Family of Metallocene-Substituted Î±-Nitronyl Aminoxyl Radicals. Inorganic Chemistry, 1998, 37, 4547-4558.	4.0	41
66	Bonding, Hyperfine Interactions, and Lattice Dynamics of Cationic and Neutral Ferrocenyl-Substituted Allylic and Cumulenic Compounds. Inorganic Chemistry, 1997, 36, 3586-3594.	4.0	23
67	New Soluble Bis[nona-, octa-, and pentamethylferrocenes] as â€œMolecular Wiresâ€•with a Metal-to-Metal Distance of up to 40 Ã…#. Organometallics, 1997, 16, 392-402.	2.3	110
68	Functionalized pentamethylferrocenes: Synthesis, structure, and electrochemistry. Journal of Organometallic Chemistry, 1997, 540, 127-145.	1.8	59
69	Mono- and Bis(allenes) with Three to Seven Ferrocenyl Substituents. Organometallics, 1996, 15, 4398-4406.	2.3	20
70	Trimethylchlorosilane-modified Clemmensen reduction of metallocenyl ketones: trapping and X-ray structures f aliphatic, olefinic, silylated pinacolic, and rearranged pinacolonic products. Journal of Organometallic Chemistry, 1996, 523, 79-91.	1.8	22
71	Redox-responsive surfactants: synthesis of 1,1-diferrocenyl-n-alkanes (C1, C5, C7, C19) via reaction of (diferrocenyl) methyl carbocation with carbanions. Journal of Organometallic Chemistry, 1995, 496, 175-186.	1.8	13
72	Stable and Crystalline Allylium and Allenylium Salts with Ferrocenyl Substituents. Organometallics, 1995, 14, 5566-5578.	2.3	56

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73	Tetraferrocenylethylene, a Chiral, Organometallic Propeller: Synthesis, Structure, and Electrochemistry. Organometallics, 1995, 14, 4334-4342.	2.3	35
74	N-Dimethylaluminum-Nâ€²,Nâ€²-Dimethylhydrazide: A New and Efficient Reagent for the Synthesis ofN,N-Dimethylhydrazones andN-Unsubstituted Hydrazones. Synthesis, 1994, 1994, 158-160.	2.3	18
75	Stabile Tellurâ€Ylide: Darstellung und ReaktivitÃt von Diorganyltelluroniumâ€4,5â€dicyanimidazolâ€2â€yliden. Chemische Berichte, 1991, 124, 699-705.	0.2	8
76	NOVEL ANIONIC CHALCOGENO LIGANDS. TELLUROPHOSPHINITES R2PTe- AND CHALCOGENOTELLUROPHOSPHINATES R2P(Ch)Te-[Ch Ë-O,S,Se,Te]. Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 47, 341-347.	1.6	19
77	SET-Mechanismus bei Substitutionsreaktionen an Diorganyldichalkogeniden. Chemische Berichte, 1989, 122, 2279-2281.	0.2	9
78	Tris(trimethylsilyl)methyl-polyselenides and -polytellurides. X-Ray structure of (Me3Si)3CTeTeTeC(SiMe3)3. Journal of the Chemical Society Chemical Communications, 1985, , 1800-1801.	2.0	36
79	Trimethylsiyl-tetrafluorotellurate(VI) / Trimethylsilyl Tetrafluorotellurates(VI). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1981, 36, 1542-1543.	0.7	4