

# Benno Bildstein

## List of Publications by Year in descending order

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docs citations

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times ranked

1850  
citing authors

#	ARTICLE	IF	CITATIONS
1	N,N'-Diferrocenyl-N-heterocyclic Carbenes and Their Derivatives. <i>Organometallics</i> , 1999, 18, 4325-4336.	2.3	211
2	Imidazoline-2-ylidene metal complexes with pendant ferrocenyl substituents. <i>Journal of Organometallic Chemistry</i> , 1998, 552, 45-61.	1.8	114
3	New Soluble Bis[nona-, octa-, and pentamethylferrocenes] as "Molecular Wires" with a Metal-to-Metal Distance of up to 40 Å. <i>Organometallics</i> , 1997, 16, 392-402.	2.3	110
4	1,1'-Diferrocenyl Cumulene Molecular Wires. Synthesis, Spectroscopy, Structure, and Electrochemistry. <i>Organometallics</i> , 2004, 23, 1024-1041.	2.3	95
5	N-Heterocyclic carbenes with N-ferrocenyl-N'-methyl-substitution: synthesis, reactivity, structure and electrochemistry. <i>Journal of Organometallic Chemistry</i> , 1999, 572, 177-187.	1.8	91
6	Efficient telomerization of 1,3-butadiene with alcohols in the presence of in situ generated palladium(0)carbene complexes. <i>Journal of Molecular Catalysis A</i> , 2002, 185, 105-112.	4.8	89
7	Highly Electrophilic, Catalytically Active and Redox-Responsive Cobaltoceniumyl and Ferrocenyl Triazolylidene Coinage Metal Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 3742-3753.	3.3	67
8	Cationic and neutral cumulene sp-carbon chains with ferrocenyl termini. <i>Coordination Chemistry Reviews</i> , 2000, 206-207, 369-394.	18.8	60
9	Functionalized pentamethylferrocenes: Synthesis, structure, and electrochemistry. <i>Journal of Organometallic Chemistry</i> , 1997, 540, 127-145.	1.8	59
10	Stable and Crystalline Allylium and Allenylium Salts with Ferrocenyl Substituents. <i>Organometallics</i> , 1995, 14, 5566-5578.	2.3	56
11	Donor-acceptor complexes incorporating ferrocenes: spectroelectrochemical characterisation, quadratic hyperpolarisabilities and the effects of oxidising and reducing agents. <i>Dalton Transactions RSC</i> , 2001, , 3025-3038.	2.3	51
12	Tetraferrocenyl[5]cumulene, (Fc) <sub>2</sub> CCCCC(Fc) <sub>2</sub> : Synthesis, Electrochemistry, and Reactivity, Including Nickel(0)-Promoted [3]Ferrocenophane Formation and [2+2] Cycloaddition with Fullerene C <sub>60</sub> . <i>Organometallics</i> , 1999, 18, 4286-4295.	2.3	48
13	Carbenes with ferrocenyl substituents. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 28-38.	1.8	46
14	Chemoselective, Practical Synthesis of Cobaltocenium Carboxylic Acid Hexafluorophosphate. <i>Organometallics</i> , 2014, 33, 1152-1156.	2.3	46
15	Planar chiral ferrocene salen-type ligands featuring additional central and axial chirality. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1197-1215.	1.8	43
16	Transmission of Magnetic Interactions through an Organometallic Coupler: A Novel Family of Metallocene-Substituted 1-Nitronyl Aminoxy Radicals. <i>Inorganic Chemistry</i> , 1998, 37, 4547-4558.	4.0	41
17	Cationic and Neutral [4]-Cumulenes CCCCC with Five Cumulated Carbons and Three to Four Ferrocenyl Termini. <i>Organometallics</i> , 1998, 17, 2414-2424.	2.3	38
18	Heteroditopic Imino N-Heterocyclic Carbenes and Their Sulfur, Selenium, and Tungsten Tetracarbonyl Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1325-1333.	2.0	38

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19	[1,2]-Rearrangement of Imino-N-heterocyclic Carbenes <sup>+</sup> Synthesis and Structures of Chelating Iminoimidazole Pd and Ni Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2827-2836.	2.0	37
20	Tris(trimethylsilyl)methyl-polyselenides and -polytellurides. X-Ray structure of (Me <sub>3</sub> Si) <sub>3</sub> CTeTeTeC(SiMe <sub>3</sub> ) <sub>3</sub> . <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1800-1801.	2.0	36
21	Tetraferrocenylethylene, a Chiral, Organometallic Propeller: Synthesis, Structure, and Electrochemistry. <i>Organometallics</i> , 1995, 14, 4334-4342.	2.3	35
22	Synthesis and electrochemistry of ferrocenyldiazabutadiene metal carbonyl complexes (Fc-DAB)M(CO) <sub>4</sub> [M=Cr,Mo,W]. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 16-22.	2.4	34
23	Structurally diverse pyridyl or quinolyl enolato/enamido metal complexes of Li, Zr, Fe, Co, Ni, Cu and Zn. <i>Inorganica Chimica Acta</i> , 2013, 401, 38-49.	2.4	32
24	First Examples of a New Family of Redox-Functionalised Chelate Complexes Based on a 1,1- $\lambda^2$ -Ferrocenediyl-Bridged Di(amido) Ligand. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 913-916.	2.0	31
25	Oxidative Access via Aqua Regia to an Electrophilic, Mesoionic Dicobaltoceniumyltriazolydene Gold(III) Catalyst. <i>Organometallics</i> , 2019, 38, 4383-4386.	2.3	29
26	Iminohydroxamato Early and Late Transition Metal Halide Complexes <sup>+</sup> New Precatalysts for Aluminoxane-Cocatalyzed Olefin Insertion Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1740-1752.	2.0	27
27	N-Pyrrolyl-[N,N,N]-bis(imino)pyridyl iron(II) and cobalt(II) olefin polymerization catalysts. <i>Applied Organometallic Chemistry</i> , 2002, 16, 506-516.	3.5	25
28	Bonding, Hyperfine Interactions, and Lattice Dynamics of Cationic and Neutral Ferrocenyl-Substituted Allylic and Cumulenic Compounds. <i>Inorganic Chemistry</i> , 1997, 36, 3586-3594.	4.0	23
29	In situ synthesis of the first C <sub>7</sub> cumulene (Fc) <sub>2</sub> C $\equiv$ ...C $\equiv$ ...C $\equiv$ ...C $\equiv$ ...C $\equiv$ ...C $\equiv$ ...C(Fc) <sub>2</sub> via deprotonation of its conjugate acid [(Fc) <sub>2</sub> C <sub>7</sub> H(Fc) <sub>2</sub> ]+BF <sub>4</sub> <sup>-</sup> (Fc=ferrocenyl). <i>Journal of Organometallic Chemistry</i> , 2001, 622, 135-142.	1.8	23
30	Title is missing!. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 1334-1336.	1.2	23
31	Monofunctionalized Cobaltocenium Compounds by Dediazonation Reactions of Cobaltoceniumdiazonium Bis(hexafluorophosphate). <i>Organometallics</i> , 2016, 35, 2101-2109.	2.3	23
32	Trimethylchlorosilane-modified Clemmensen reduction of metallocenyl ketones: trapping and X-ray structures of aliphatic, olefinic, silylated pinacolic, and rearranged pinacolic products. <i>Journal of Organometallic Chemistry</i> , 1996, 523, 79-91.	1.8	22
33	$\lambda^2$ -Diferrocenyl Cumulene Molecular Wires Studied by Density Functional Theory. <i>Organometallics</i> , 2004, 23, 1825-1835.	2.3	21
34	Mono- and Bis(allenes) with Three to Seven Ferrocenyl Substituents. <i>Organometallics</i> , 1996, 15, 4398-4406.	2.3	20
35	NOVEL ANIONIC CHALCOGENO LIGANDS. TELLUROPHOSPHINITES R <sub>2</sub> PTe- AND CHALCOGENOTELLUROPHOSPHINATES R <sub>2</sub> P(Ch)Te-[Ch = O,S,Se,Te]. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1990, 47, 341-347.	1.6	19
36	$\lambda^2$ -Complexes of Tropolone and Its N-Derivatives: Ambidentate [O,O]/[N,O]/[N,N]-Cycloheptatrienyl Pentamethylcyclopentadienyl Ruthenium Sandwich Complexes. <i>Organometallics</i> , 2014, 33, 1630-1643.	2.3	19

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37	Cobaltoceniumethynyl gold as an unusual heterodinuclear bioorganometallic fragment to study the biological properties of alkynyl gold complexes. Dalton Transactions, 2016, 45, 1345-1348.	3.3	19
38	N-Dimethylaluminum-N,N-Dimethylhydrazide: A New and Efficient Reagent for the Synthesis of N,N-Dimethylhydrazones and N-Unsubstituted Hydrazones. Synthesis, 1994, 1994, 158-160.	2.3	18
39	On the way to biodegradable poly(hydroxy butyrate) from propylene oxide and carbon monoxide via $\beta$ -butyrolactone: Multisite catalysis with newly designed chiral indole-imino chromium(III) complexes. Journal of Organometallic Chemistry, 2009, 694, 2493-2512.	1.8	18
40	Efficient fluorophores based on pyridyl-enolato and enamido difluoroboron complexes: Simple alternatives to boron-dipyromethene (bodipy) dyes. Inorganica Chimica Acta, 2013, 405, 116-120.	2.4	17
41	Cobaltocenylidene: A Mesoionic Metallocene Carbene, Stabilized in a Gold(III) Complex. Chemistry - A European Journal, 2018, 24, 3165-3169.	3.3	17
42	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
43	Cobaltocenium Carboxylate Transition Metal Complexes: Synthesis, Structure, Reactivity, and Cytotoxicity. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1282-1292.	1.2	16
44	Redox-Rich Metallocene Tetrazone Complexes: Synthesis, Structure, Electrochemistry, and Catalysis. Organometallics, 2019, 38, 1361-1371.	2.3	16
45	Doubly N-Functionalized Pentafulvenes and Redox-Responsive [N,N]- and [N,C,N]-Pincer Bis(imido)pentamethylruthenocene Metalloligands. Organometallics, 2010, 29, 3169-3178.	2.3	14
46	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
47	Tetraferrocenyl-[3]-cumulene. Journal of Organometallic Chemistry, 1998, 553, 73-81.	1.8	12
48	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
49	Ferrocenyl-substituted allenylidene complexes of chromium, molybdenum and tungsten: Synthesis, structure and reactivity. Inorganica Chimica Acta, 2009, 362, 845-854.	2.4	10
50	SET-Mechanismus bei Substitutionsreaktionen an Diorganyldichalkogeniden. Chemische Berichte, 1989, 122, 2279-2281.	0.2	9
51	The disordered structure of tetraferrocenyl-[3]-cumulene, (Fc) <sub>2</sub> C=C=C(CFc) <sub>2</sub> , by simulated annealing using synchrotron powder diffraction data. Journal of Applied Crystallography, 2000, 33, 1199-1207.	4.5	9
52	Direct Amination of Cobaltocenium Hexafluoridophosphate via Vicarious Nucleophilic Substitution. Organometallics, 2019, 38, 2278-2279.	2.3	9
53	Stabile Telluridylide: Darstellung und Reaktivität von Diorganyltelluronium- $\alpha$ -cyanimidazolyliden. Chemische Berichte, 1991, 124, 699-705.	0.2	8
54	Supramolecular Stabilization of Hemiacetals of N-Alkyl(Benz)Imidazole Aldehydes. Crystal Growth and Design, 2007, 7, 2380-2381.	3.0	8

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55	Redox disproportionation and radical coupling products of formyl(pentamethyl)cobaltocene. <i>Journal of Organometallic Chemistry</i> , 1998, 563, 219-225.	1.8	6
56	Metalloâ€‘Scorpionates: First Generation of Trimetallic, Homoleptic [Ru]â€‘Mâ€‘[Ru] Complexes (M = Fe, Co,) <i>Tj ETQg 0 0 0 rgBT /Overlo</i>	2.0	6
57	Rhodocenium Monocarboxylic Acid Hexafluoridophosphate and Its Derivatives: Synthesis, Spectroscopy, Structure, and Electrochemistry. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1300-1310.	2.0	6
58	Cobaltoceniumselenolate Gold(I) Complexes: Synthesis, Spectroscopic, Structural and Anticancer Properties. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2784-2786.	2.0	6
59	Redoxâ€‘Responsive Rhodocenium [O,O]â€‘, [N,O]â€‘, [N,N]â€‘, and [N,C,N]â€‘Metalloligands. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2958-2966.	2.0	5
60	Cationic Cycloheptatrienyl Cyclopentadienyl Manganese Sandwich Complexes: Tromancenium Explored with High-Power LED Photosynthesis. <i>Organometallics</i> , 2021, 40, 2736-2749.	2.3	5
61	Trimethylsilyl-tetrafluorotellurate(VI) / Trimethylsilyl Tetrafluorotellurates(VI). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1981, 36, 1542-1543.	0.7	4
62	Reactivity and Structure of Diferrocenylamine and N,N - Diferrocenylcarbamoylchloride. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999, 54, 1450-1456.	0.7	3
63	Highly Active Ethene Polymerization Catalysts with Unusual Imine Ligands. , 2005, , 59-99.		3
64	Crystal structure of 2-benzoyl-6-hydroxy-6-phenylpentafulvene, C19H14O2. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2009, 224, 544-546.	0.3	3
65	Crystal structure of tetrahydrofuran (1:2), Zr(C40H43N5) Â· 2C4H8O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2010, 225, 673-675.	0.3	2
66	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. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2008, 223, 231-232.	0.3	2
67	Borylated Cymantrenes and Tromancenium Salts with Unusual Reactivity. <i>Organometallics</i> , 2022, 41, 1464-1473.	2.3	2
68	Rhodocenium Functionalization Enabled by Halfâ€‘Sandwich Capping, Zincke Reaction, Diazonation and Sandmeyer Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3305-3313.	2.0	1
69	Crystal structures of 1â€‘-aminocobaltocenium-1-carboxylic acid chloride monohydrate and of its azo dye 1â€‘-[2-(1-amino-2,6-dimethylphenyl)diazene-1-yl]cobaltocenium-1-carboxylic acid hexafluoridophosphate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 208-213.	0.5	1
70	Cobaltoceniumsulfonate. <i>IUCrData</i> , 2017, 2, .	0.3	1
71	Bis(4-cobaltoceniumyl-1-ferrocenyl-3-methyl-1,2,3-triazolylidene)gold(I) hexafluoridophosphateâ€‘trifluoromethanesulfonate (1.2/1.8). <i>IUCrData</i> , 2018, 3, .	0.3	1
72	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. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2008, 223, 233-234.	0.3	1

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73	Crystal structure of dimethyl 4,4'-(cyclopenta-3,5-diene-1,3-diyl)-bis(2,3,5,6-tetrafluorobenzoate), C <sub>21</sub> H <sub>10</sub> F <sub>8</sub> O <sub>4</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 668-670.	0.3	1
74	Crystal structure of 4,8-dihydroxy-1,5-bis(diphenylcarbamoyl)- s-indacene dichloromethane (1:2), C <sub>38</sub> H <sub>26</sub> N <sub>2</sub> O <sub>4</sub> · 2CH <sub>2</sub> Cl <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 591-592.	0.3	0
75	Crystal structure of dimethyl 4,4'-(cyclopenta-3,5-diene-1,3-diyl)-bis(2,3,5,6-tetrafluorobenzoate), C <sub>21</sub> H <sub>10</sub> F <sub>8</sub> O <sub>4</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 702-704.	0.3	0
76	Crystal structure of [(E)-2-(2-((2,6-dimethylphenylimino)-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 Td ((phenyl)methyl)-5-cyclopentad Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, .	0.3	0
77	Molecular Structure of 1,2-Dibenzoyl-1,2,3,4,5-pentamethylruthenocene Dioxime Hydrochloride. Journal of Crystallography, 2013, 2013, 1-4.	0.0	0
78	(Cobaltoceniumylamido)pyridinium hexafluoridophosphate. IUCrData, 2021, 6, .	0.3	0
79	Bis(1/4-cobaltoceniumselenolate-1:2) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (<i>Se</i>:<i>Se</i>)bis[ tetrakis(hexafluoridophosphate) acetonitrile disolvate. IUCrData, 2021, 6, .	0.3	0