

Milan Erben

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<i>N</i> , <i>C</i> , <i>N</i> -Coordinated Stannylenes as Ligands in Ag(I) and Au(I) Complexes. <i>Organometallics</i> , 2021, 40, 783-791.	1.1	5
2	Nonconventional Behavior of a 2,1-Benzazaphosphole: Heterodiene or Hidden Phosphinidene?. <i>Chemistry - A European Journal</i> , 2021, 27, 13149-13160.	1.7	4
3	Nonconventional Behavior of a 2,1-Benzazaphosphole: Heterodiene or Hidden Phosphinidene?. <i>Chemistry - A European Journal</i> , 2021, 27, 13096-13097.	1.7	0
4	Hetero Diels-Alder Reactions of Masked Dienes Containing Heavy Group-15 Elements. <i>Chemistry - A European Journal</i> , 2020, 26, 1144-1154.	1.7	23
5	Reactivity of boraguanidinato germylenes toward carbonyl compounds and isocyanides: C=O, C=F and C=N bond activation. <i>Dalton Transactions</i> , 2020, 49, 4869-4877.	1.6	7
6	Synthesis and coordination properties of new 2,3-P/N switchable chelators based on [1,2,3]-diazaphosphole. <i>New Journal of Chemistry</i> , 2019, 43, 13388-13397.	1.4	5
7	Highly Active and Selective Ru-PN _H Catalyst in Aerobic Oxidation of Benzyl Amines. <i>ChemCatChem</i> , 2019, 11, 4624-4630.	1.8	12
8	Reversible C=C Bond Activation by an Intramolecularly Coordinated Antimony(I) Compound. <i>Chemistry - A European Journal</i> , 2019, 25, 12884-12888.	1.7	26
9	Reversible C=C Bond Activation by an Intramolecularly Coordinated Antimony(I) Compound. <i>Chemistry - A European Journal</i> , 2019, 25, 12854-12854.	1.7	0
10	Reactivity of an <i>N</i> , <i>N</i> -Chelated Germylene Toward Substituted Alkynes, Alkenes, and Allenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 671-678.	0.6	3
11	Antimonate adsorption onto Mg-Fe layered double hydroxides in aqueous solutions at different pH values: Coupling surface complexation modeling with solid-state analyses. <i>Chemosphere</i> , 2019, 229, 236-246.	4.2	23
12	Reactivity of Monomeric N ⁺ Ge Coordinated Germanium(II) Hydrides. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1884-1894.	1.0	6
13	From a 2,1-Benzazarsole to Elusive 1-Arsanaphthalenes in One Step. <i>Chemistry - A European Journal</i> , 2019, 25, 5668-5671.	1.7	13
14	Iron(II) complex with modified bispidine ligand: Synthesis and catalytic alkyd drying. <i>Inorganica Chimica Acta</i> , 2019, 486, 636-641.	1.2	5
15	Trapping of the N,C,N-chelated organobismuth(I) compound, [2,6-(Me ₂ NCH ₂) ₂ C ₆ H ₃]Bi, by its coordination toward selected transition metal fragments. <i>Journal of Organometallic Chemistry</i> , 2018, 863, 15-20.	0.8	20
16	Heavier pnictinidene gold complexes. <i>Dalton Transactions</i> , 2018, 47, 14503-14514.	1.6	19
17	A comparative study of the structure and bonding in heavier pnictinidene complexes [(ArE)M(CO) _n] (E = As, Sb and Bi; M = Cr, Mo, W and Fe). <i>Dalton Transactions</i> , 2017, 46, 3556-3568.	1.6	44
18	Monomeric <i>C</i> , <i>N</i> -Chelated Germanium Hydrides in N=C Bond Cleavage. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3100-3104.	1.0	9

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19	Reactions of N,C,N-chelated pnictinidenes with Rh(I) and Ir(I) complexes: Coordination vs. Transmetalation. <i>Journal of Organometallic Chemistry</i> , 2017, 845, 49-54.	0.8	14
20	Employing a C,N-chelate makes organotin(IV) nitrates and nitrites exceptionally stable. <i>Journal of Organometallic Chemistry</i> , 2017, 845, 90-97.	0.8	9
21	N,C,N-chelated antimony(III), bismuth(III) and tin(IV) derivatives of 1,1-ferrocenedicarboxylic acid. <i>Inorganic Chemistry Communication</i> , 2017, 76, 36-39.	1.8	5
22	Facile activation of alkynes with a boraguanidinato-stabilized germylene: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2017, 46, 12339-12353.	1.6	10
23	Autoxidation of alkyd resins catalyzed by iron(II) bispidine complex: Drying performance and in-depth infrared study. <i>Progress in Organic Coatings</i> , 2017, 111, 361-370.	1.9	16
24	Corrosion protection by organic coatings containing polyaniline salts prepared by oxidative polymerization. <i>Journal of Coatings Technology Research</i> , 2017, 14, 1397-1410.	1.2	11
25	The new coordination modes of bis(1,2,4-diazaphospholyl)methane. <i>Polyhedron</i> , 2016, 119, 325-334.	1.0	5
26	Synthesis and Structure of (N,C,N)-chelated Organoantimony(III) and Bismuth(III) Cations and Isolation of Their Adducts with Ag[CB ₁₁ H ₁₂]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1212-1217.	0.6	13
27	Stibinidene and Bismuthinidene as Two- π Electron Donors for Transition Metals (Co and Mn). <i>Chemistry - A European Journal</i> , 2016, 22, 7376-7380.	1.7	51
28	Titanocene pseudohalides: an ESR and structural study. <i>New Journal of Chemistry</i> , 2015, 39, 576-588.	1.4	12
29	A promising drying activity of environmentally friendly oxovanadium(IV) complexes in air-drying paints. <i>Progress in Organic Coatings</i> , 2015, 88, 191-198.	1.9	19
30	The first scorpionate ligand based on diazaphosphole. <i>Dalton Transactions</i> , 2015, 44, 20242-20253.	1.6	14
31	Acyl-Functionalized Molybdenum Compounds [(η -3-C ₃ H ₅)(η -5-Cp) π Mo(CO) ₂]: An Experimental Study Including the X-ray Structure of a Rare endo Conformer. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5895-5907.	1.0	6
32	The reactivity of N,C,N-intramolecularly coordinated antimony(III) and bismuth(III) oxides with the sterically encumbered organoboronic acid 2,6-i-Pr ₂ C ₆ H ₃ B(OH) ₂ . <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 287-291.	0.8	12
33	Tetrafluoro-4-pyridyl substituted cyclopentadienyl molybdenum(II) compounds. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 387-393.	0.8	13
34	The effect of [(η -3-C ₃ H ₅)(η -5-C ₅ H ₅)Mo(CO) ₂] on drying of solvent-borne alkyd paints. <i>Progress in Organic Coatings</i> , 2014, 77, 292-297.	1.9	6
35	Synthesis, characterization and styrene polymerization behavior of alkoxysilyl-substituted monocyclopentadienyltitanium(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 725, 5-10.	0.8	5
36	Vanadocene complexes of amino acids bearing functional group in the side chain. <i>Inorganica Chimica Acta</i> , 2013, 405, 121-127.	1.2	8

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37	Opening of the azastibol heterocycle with various acids: Isolation of novel N,C-chelated organoantimony(III) compounds. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 156-162.	0.8	6
38	Synthesis of selectively 18O-labeled phthalides using water-assisted cyclization. <i>Tetrahedron Letters</i> , 2013, 54, 3533-3537.	0.7	2
39	Toward the Synthesis of Indenyl Molybdenum Compound [(η^3 -Ind)(η^5 -Cp)Mo(CO) ₂]: Modified Compounds and Structure of a Previously Unrecognized Intermediate. <i>Organometallics</i> , 2013, 32, 3502-3511.	1.1	21
40	Intramolecularly Coordinated Group 14 and 15 Chalcogenites. <i>Organometallics</i> , 2013, 32, 157-163.	1.1	26
41	Synthesis and Structure of NCN-Chelated Organobismuth(III) Bis-Pentasulfide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 614-616.	0.6	14
42	Acyl-substituted ferrocenes as driers for solvent-borne alkyd paints. <i>Journal of Molecular Catalysis A</i> , 2012, 353-354, 13-21.	4.8	27
43	Acetylferrocene-2-chloro-1-ferrocenylethanone (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1447-m1448.	0.2	2
44	NCN-Chelated Organoantimony(III) and Organobismuth(III) Phosphonates: Syntheses and Structures. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1663-1669.	1.0	25
45	NCN Chelated Organoantimony(III) and Organobismuth(III) Phosphinates and Phosphites: Synthesis, Structure and Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5222-5230.	1.0	28
46	Synthesis and characterization of transition metal complexes bearing tetrafluoro-4-pyridyl substituent on the cyclopentadienyl ring. <i>Inorganica Chimica Acta</i> , 2010, 363, 3365-3375.	1.2	9
47	Synthesis and structural investigation of vanadocene(IV) complexes of non-linear pseudohalides. <i>Inorganica Chimica Acta</i> , 2009, 362, 83-88.	1.2	19
48	Titanocene complexes with nonlinear pseudohalide ligands: Synthesis, spectroscopic characterization and crystal structure. <i>Inorganica Chimica Acta</i> , 2009, 362, 2480-2486.	1.2	10
49	C,N-chelated hexaorganodistannanes, and triorganotin(IV) hydrides and cyclopentadienides. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3000-3007.	0.8	26
50	Titanocene(IV) and vanadocene(IV) complexes of dicyanomethanidobenzoate. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4250-4255.	0.8	7
51	Synthesis and Structural Study on Organoantimony(III) and Organobismuth(III) Hydroxides Containing an NCN Pincer Type Ligand. <i>Organometallics</i> , 2009, 28, 5522-5528.	1.1	49
52	Efficient and Reversible Fixation of Carbon Dioxide by NCN-Chelated Organoantimony(III) Oxide. <i>Organometallics</i> , 2009, 28, 2633-2636.	1.1	60
53	Dibromido[bis(η^5 -cyclopentadienyl)dimethylsilane]zirconium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m92-m92.	0.2	0
54	Fluorosilyl-Substituted Cyclopentadienyltitanium(IV) Complexes: Synthesis, Structure, and Styrene Polymerization Behavior. <i>Organometallics</i> , 2007, 26, 2735-2741.	1.1	14

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55	The interaction of antitumor active vanadocene dichloride with sulfur-containing amino acids. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3758-3764.	0.8	21
56	1-[2-(Dimethylaminomethyl)phenyl]-2,3,4,5-tetraphenylcyclopentadien-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o577-o579.	0.2	0
57	1- η^2 -Acetylferrocene-1-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2145-m2146.	0.2	2
58	Dibromido(η^5 , η^5 -propane-2,2-diyl)dicyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2699-m2699.	0.2	1
59	1-(3,4-Dichlorobenzoyl)ferrocene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m3067-m3067.	0.2	2
60	Properties of metallocene complexes during the oxidative crosslinking of air drying coatings. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 799-802.	1.9	26
61	Influence of methyl groups on ferrocene on rate of drying of oxidizable paints by using model compounds. <i>Progress in Organic Coatings</i> , 2006, 56, 111-113.	1.9	13
62	1,1- η^2 -Dimethylvanadocene η^1 -amino acid complexes: synthesis, characterization and antimicrobial behavior toward <i>Escherichia coli</i> B. <i>Applied Organometallic Chemistry</i> , 2006, 20, 603-609.	1.7	7
63	Synthesis, characterization and structure of metallocene dicyanamide complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 814-819.	1.2	19
64	Crystallographic report: Bis(η^5 -methyl-cyclopentadienyl)-bis(cyanato)-vanadium(IV). <i>Applied Organometallic Chemistry</i> , 2005, 19, 100-101.	1.7	9
65	Crystallographic report: The crystal structure of bis(η^5 -cyclopentadienyl)-diazido-vanadium(IV). <i>Applied Organometallic Chemistry</i> , 2005, 19, 102-103.	1.7	12
66	Raman spectroscopic evidence for bent metallocene fragments [M(Cp) ₂] ²⁺ . <i>Applied Organometallic Chemistry</i> , 2005, 19, 90-93.	1.7	22
67	{(η^5 , η^5 -N)-[(<i>tert</i> -Butylamido)dimethylsilyl]cyclopentadienyl}dichlorotitanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m50-m51.	0.2	0
68	Difluoro(η^5 , η^5 -propane-2,2-diyl)dicyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1266-m1268.	0.2	3
69	Dibromo(η^5 , η^5 -propane-2,2-diyl)dicyclopentadienyl)zirconium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2424-m2425.	0.2	2
70	Trichloro(η^5 -1,2,3-trimethylcyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1120-m1121.	0.2	2
71	$\eta^1/4$ -Oxo-bis[azidobis(η^5 -cyclopentadienyl)titanium(IV)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1090-m1091.	0.2	6
72	Tribromo(η^5 -1,2,3-trimethylcyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1183-m1184.	0.2	1

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73	Bis(η^5 -cyclopentadienyl)bis(thiocyanato- η^1 N)vanadium(IV). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m1617-m1618.	0.2	2
74	47, 49 Ti NMR spectra of half-sandwich titanium(IV) complexes. Magnetic Resonance in Chemistry, 2004, 42, 414-417.	1.1	9
75	Structure of azo dye organotin(IV) compounds containing a C,N-chelating ligand. Applied Organometallic Chemistry, 2003, 17, 168-174.	1.7	37
76	Synthesis and properties of 1,2,3-diazapnictol-5-yl substituted ferrocenes. New Journal of Chemistry, 0, ..	1.4	1