

# Milan Erben

## List of Publications by Year in descending order

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papers

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citations

394286

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784  
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#	ARTICLE	IF	CITATIONS
1	Efficient and Reversible Fixation of Carbon Dioxide by NCN-Chelated Organoantimony(III) Oxide. <i>Organometallics</i> , 2009, 28, 2633-2636.	1.1	60
2	Stibinidene and Bismuthinidene as Two-€Electron Donors for Transition Metals (Co and Mn). <i>Chemistry - A European Journal</i> , 2016, 22, 7376-7380.	1.7	51
3	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
4	A comparative study of the structure and bonding in heavier pnictinidene complexes [(ArE)M(CO) <sub>n</sub> ] (E = As, Sb and Bi; M = Cr, Mo, W and Fe). <i>Dalton Transactions</i> , 2017, 46, 3556-3568.	1.6	44
5	Structure of azo dye organotin(IV) compounds containing a C,N-chelating ligand. <i>Applied Organometallic Chemistry</i> , 2003, 17, 168-174.	1.7	37
6	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
7	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
8	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
9	C,N-chelated hexaorganodistannanes, and triorganotin(IV) hydrides and cyclopentadienides. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3000-3007.	0.8	26
10	Intramolecularly Coordinated Group 14 and 15 Chalcogenites. <i>Organometallics</i> , 2013, 32, 157-163.	1.1	26
11	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
12	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
13	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
14	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
15	Raman spectroscopic evidence for bent metallocene fragments [M(Cp) <sub>2</sub> ] <sup>2+</sup> . <i>Applied Organometallic Chemistry</i> , 2005, 19, 90-93.	1.7	22
16	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
17	Toward the Synthesis of Indenyl Molybdenum Compound [( <sup>3</sup> -Ind)( <sup>5</sup> -Cp)Mo(CO) <sub>2</sub> ]: Modified Compounds and Structure of a Previously Unrecognized Intermediate. <i>Organometallics</i> , 2013, 32, 3502-3511.	1.1	21
18	Trapping of the N,C,N-chelated organobismuth(I) compound, [2,6-(Me <sub>2</sub> NCH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ]Bi, by its coordination toward selected transition metal fragments. <i>Journal of Organometallic Chemistry</i> , 2018, 863, 15-20.	0.8	20

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19	Synthesis, characterization and structure of metallocene dicyanamide complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 814-819.	1.2	19
20	Synthesis and structural investigation of vanadocene(IV) complexes of non-linear pseudohalides. <i>Inorganica Chimica Acta</i> , 2009, 362, 83-88.	1.2	19
21	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
22	Heavier pnictinidene gold complexes. <i>Dalton Transactions</i> , 2018, 47, 14503-14514.	1.6	19
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	Fluorosilyl-Substituted Cyclopentadienyltitanium(IV) Complexes: Synthesis, Structure, and Styrene Polymerization Behavior#. <i>Organometallics</i> , 2007, 26, 2735-2741.	1.1	14
25	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
26	The first scorpionate ligand based on diazaphosphole. <i>Dalton Transactions</i> , 2015, 44, 20242-20253.	1.6	14
27	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
28	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
29	Tetrafluoro-4-pyridyl substituted cyclopentadienyl molybdenum(II) compounds. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 387-393.	0.8	13
30	Synthesis and Structure of (N,C,N)-chelated Organoantimony(III) and Bismuth(III) Cations and Isolation of Their Adducts with Ag[CB <sub>11</sub> H <sub>12</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1212-1217.	0.6	13
31	From a 2,1-Benzazasole to Elusive Arsanaphthalenes in One Step. <i>Chemistry - A European Journal</i> , 2019, 25, 5668-5671.	1.7	13
32	Crystallographic report: The crystal structure of bis(1-5-cyclopentadienyl)-diazido-vanadium(IV). <i>Applied Organometallic Chemistry</i> , 2005, 19, 102-103.	1.7	12
33	The reactivity of N,C,N-intramolecularly coordinated antimony(III) and bismuth(III) oxides with the sterically encumbered organoboronic acid 2,6-i-Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> B(OH) <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 287-291.	0.8	12
34	Titanocene pseudohalides: an ESR and structural study. <i>New Journal of Chemistry</i> , 2015, 39, 576-588.	1.4	12
35	Highly Active and Selective Ru-PNH Catalyst in Aerobic Oxidation of Benzyl Amines. <i>ChemCatChem</i> , 2019, 11, 4624-4630.	1.8	12
36	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

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37	Titanocene complexes with nonlinear pseudohalide ligands: Synthesis, spectroscopic characterization and crystal structure. <i>Inorganica Chimica Acta</i> , 2009, 362, 2480-2486.	1.2	10
38	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
39	47, 49 Ti NMR spectra of half-sandwich titanium(IV) complexes. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 414-417.	1.1	9
40	Crystallographic report: Bis( $\eta$ -5-methyl-cyclopentadienyl)-bis(cyanato)-vanadium(IV). <i>Applied Organometallic Chemistry</i> , 2005, 19, 100-101.	1.7	9
41	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
42	Monomeric $\eta$ -C, $\eta$ -N-chelated Germanium Hydrides in Nâ€‘C Bond Cleavage. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3100-3104.	1.0	9
43	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
44	Vanadocene complexes of amino acids bearing functional group in the side chain. <i>Inorganica Chimica Acta</i> , 2013, 405, 121-127.	1.2	8
45	1,1- $\eta$ -2-Dimethylvanadocene $\eta$ -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
46	Titanocene(IV) and vanadocene(IV) complexes of dicyanomethanidobenzoate. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4250-4255.	0.8	7
47	Reactivity of boraguanidinato germylenes toward carbonyl compounds and isocyanides: Câ€‘O, Câ€‘F and Câ€‘N bond activation. <i>Dalton Transactions</i> , 2020, 49, 4869-4877.	1.6	7
48	$\eta$ -4-Oxo-bis[azidobis( $\eta$ -5-cyclopentadienyl)titanium(IV)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1090-m1091.	0.2	6
49	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
50	Acyl-Functionalized Molybdenum Compounds [( $\eta$ -3-C <sub>3</sub> H <sub>5</sub> )( $\eta$ -5-Cp $\eta$ -2)Mo(CO) <sub>2</sub> ]: 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
51	The effect of [( $\eta$ -3-C <sub>3</sub> H <sub>5</sub> )( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )Mo(CO) <sub>2</sub> ] on drying of solvent-borne alkyd paints. <i>Progress in Organic Coatings</i> , 2014, 77, 292-297.	1.9	6
52	Reactivity of Monomeric Nâ€‘Ge Coordinated Germanium(II) Hydrides. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1884-1894.	1.0	6
53	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
54	The new coordination modes of bis(1,2,4-diazaphospholyl)methane. <i>Polyhedron</i> , 2016, 119, 325-334.	1.0	5

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55	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
56	Synthesis and coordination properties of new 1,2,3-P/N switchable chelators based on [1,2,3]-diazaphosphole. <i>New Journal of Chemistry</i> , 2019, 43, 13388-13397.	1.4	5
57	Iron(II) complex with modified bispidine ligand: Synthesis and catalytic alkyd drying. <i>Inorganica Chimica Acta</i> , 2019, 486, 636-641.	1.2	5
58	N-C-Coordinated Stannylenes as Ligands in Ag(I) and Au(I) Complexes. <i>Organometallics</i> , 2021, 40, 783-791.	1.1	5
59	Non-conventional Behavior of a 2-Benzazaphosphole: Heterodiene or Hidden Phosphinidene?. <i>Chemistry - A European Journal</i> , 2021, 27, 13149-13160.	1.7	4
60	Difluoro(1-5,1-5-propane-2,2-diyl)dicyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1266-m1268.	0.2	3
61	Reactivity of an N-C-Chelated Germylene Toward Substituted Alkynes, Alkenes, and Allenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 671-678.	0.6	3
62	Trichloro(1-5-1,2,3-trimethylcyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1120-m1121.	0.2	2
63	Bis(1-5-cyclopentadienyl)bis(thiocyanato-1-N)vanadium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1617-m1618.	0.2	2
64	Dibromo(1-5,1-5-propane-2,2-diyl)dicyclopentadienyl)zirconium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2424-m2425.	0.2	2
65	1-ferrocene-1-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2145-m2146.	0.2	2
66	1-(3,4-Dichlorobenzoyl)ferrocene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m3067-m3067.	0.2	2
67	Acetylferrocene-2-chloro-1-ferrocenylethanone (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1447-m1448.	0.2	2
68	Synthesis of selectively 18O-labeled phthalides using water-assisted cyclization. <i>Tetrahedron Letters</i> , 2013, 54, 3533-3537.	0.7	2
69	Tribromo(1-5-1,2,3-trimethylcyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1183-m1184.	0.2	1
70	Dibromido(1-5,1-5-propane-2,2-diyl)dicyclopentadienyl)titanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2699-m2699.	0.2	1
71	Synthesis and properties of 1,2,3-diazapnictol-5-yl substituted ferrocenes. <i>New Journal of Chemistry</i> , 0, , .	1.4	1
72	{(1-5,1-N)-[(tert-Butylamido)dimethylsilyl]cyclopentadienyl}dichlorotitanium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m50-m51.	0.2	0

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73	1-[2-(Dimethylaminomethyl)phenyl]-2,3,4,5-tetraphenylcyclopentadien-1-ol. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o577-o579.	0.2	0
74	Reversible C=C Bond Activation by an Intramolecularly Coordinated Antimony(I) Compound. Chemistry - A European Journal, 2019, 25, 12854-12854.	1.7	0
75	Nonconventional Behavior of a 2,1-Benzazaphosphole: Heterodiene or Hidden Phosphinidene?. Chemistry - A European Journal, 2021, 27, 13096-13097.	1.7	0
76	Dibromido[bis(1-5-cyclopentadienyl)dimethylsilane]zirconium(IV). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m92-m92.	0.2	0