

# D VidoviÄ

## List of Publications by Year in descending order

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75  
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172207

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Stable Two-Coordinate Acyclic Silylene. <i>Journal of the American Chemical Society</i> , 2012, 134, 6500-6503.	6.6	387
2	Transition metal borylene complexes: boron analogues of classical organometallic systems. <i>Chemical Communications</i> , 2009, , 1157.	2.2	141
3	Isolation of a Bis(oxazolâ€²ylidene)â€²Phenylborylene Adduct and its Reactivity as a Boronâ€²Centered Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9280-9283.	7.2	129
4	Synthesis and Characterization of a Coordinated Oxoborane:â€² Lewis Acid Stabilization of a Boronâ€²Oxygen Double Bond. <i>Journal of the American Chemical Society</i> , 2005, 127, 4566-4567.	6.6	95
5	Evaluation of Electronics, Electrostatics and Hydrogen Bond Cooperativity in the Binding of Cyanide and Fluoride by Lewis Acidic Ferrocenylboranes. <i>Inorganic Chemistry</i> , 2010, 49, 157-173.	1.9	89
6	Coordination and Activation of the BF Molecule. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3669-3672.	7.2	83
7	Sterically Encumbered Iridium Bis(N-heterocyclic carbene) Systems: Multiple Câ€²H Activation Processes and Isomeric Normal/Abnormal Carbene Complexes. <i>Organometallics</i> , 2009, 28, 3059-3066.	1.1	78
8	A Î²-Diketiminato-Supported Boron Dication. <i>Journal of the American Chemical Society</i> , 2007, 129, 8436-8437.	6.6	71
9	Isotope-reinforced polyunsaturated fatty acids protect yeast cells from oxidative stress. <i>Free Radical Biology and Medicine</i> , 2011, 50, 130-138.	1.3	71
10	Amine elimination synthesis of a titanium(IV) N-heterocyclic carbene complex with short intramolecular Clâ€²Ccarbenecontacts. <i>Chemical Communications</i> , 2004, , 360-361.	2.2	61
11	Half-Sandwich Group 8 Borylene Complexes: Synthetic and Structural Studies and Oxygen Atom Abstraction Chemistry. <i>Organometallics</i> , 2009, 28, 2947-2960.	1.1	54
12	Probing the Intrinsic Structure and Dynamics of Aminoborane Coordination at Late Transition Metal Centers: Mono(Î¶-BH) Binding in [CpRu(PR <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> BNCy <sub>2</sub> )] <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2011, 133, 8494-8497.	6.6	53
13	A Carboneâ€²Stabilized Twoâ€²Coordinate Phosphorus(III)â€²Centered Dication. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3132-3135.	7.2	51
14	Iridiumâ€²Mediated Borylation of Benzylic Câ€²H Bonds by Borohydride. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1359-1362.	7.2	50
15	Cationic Terminal Gallylene Complexes by Halide Abstraction: Coordination Chemistry of a Valence Isoelectronic Analogue of CO and N <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2008, 130, 16111-16124.	6.6	49
16	Salt metathesis for the synthesis of Mâ€²Al and Mâ€²Hâ€²Al bonds. <i>Dalton Transactions</i> , 2013, 42, 249-258.	1.6	47
17	Reactivity of Cationic Terminal Borylene Complexes: Novel Mechanisms for Insertion and Metathesis Chemistry Involving Strongly Lewis Acidic Ligand Systems. <i>Organometallics</i> , 2009, 28, 2961-2975.	1.1	42
18	1,2,4,3-Triazaborole-based neutral oxoborane stabilized by a Lewis acid. <i>Chemical Communications</i> , 2014, 50, 8561.	2.2	42

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19	Comparative structural and thermodynamic studies of fluoride and cyanide binding by PhBMes <sub>2</sub> and related triarylborane Lewis acids. <i>New Journal of Chemistry</i> , 2010, 34, 1652.	1.4	40
20	Threshold protective effect of deuterated polyunsaturated fatty acids on peroxidation of lipid bilayers. <i>FEBS Journal</i> , 2019, 286, 2099-2117.	2.2	38
21	The coordination chemistry of o,o'-i-Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> -bis(imino)acenaphthene to group 13 trihalides. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1398-1403.	0.6	37
22	Electronic Delocalization in Two and Three Dimensions: Differential Aggregation in Indium $\sigma$ -Metalloid Clusters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15098-15102.	7.2	37
23	Highly Electron-Rich $\beta^2$ -Diketiminato Systems: Synthesis and Coordination Chemistry of Amino-Functionalized $\beta^2$ -Nacnac-Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 5830-5841.	1.7	36
24	Coordination chemistry of group 13 monohalides. <i>Chemical Science</i> , 2011, 2, 601.	3.7	35
25	Deuterated Polyunsaturated Fatty Acids Reduce Oxidative Stress and Extend the Lifespan of <i>C. elegans</i> . <i>Frontiers in Physiology</i> , 2019, 10, 641.	1.3	35
26	Contrasting reactivity of anionic boron- and gallium-containing NHC analogues: E=C vs. E=M bond formation (E = B, Ga). <i>Chemical Communications</i> , 2010, 46, 8546.	2.2	32
27	An N,N <sup>2</sup> -chelated phosphonium cation supported by a $\beta^2$ -diketiminato ligand. <i>Chemical Communications</i> , 2006, , 3501-3503.	2.2	31
28	Facile syntheses of dissymmetric ferrocene-functionalized Lewis acids and acid-base pairs. <i>Chemical Communications</i> , 2009, , 7288.	2.2	31
29	A single-bonded cationic terminal borylene complex. <i>Chemical Communications</i> , 2006, , 3786.	2.2	30
30	Unusual Iron(III) Ate Complexes Stabilized By Li- $\pi$ Interactions. <i>Chemistry - A European Journal</i> , 2003, 9, 4757-4763.	1.7	29
31	Counterion Dependence on the Synthetic Viability of NHC-stabilized Dichloroborenum Cations. <i>Organometallics</i> , 2013, 32, 6718-6724.	1.1	29
32	E=C-H (E = B, Si, C) Bond Activation by Tuning Structural and Electronic Properties of Phosphonium Cations. <i>Inorganic Chemistry</i> , 2017, 56, 14671-14681.	1.9	29
33	Responses to unsaturation in iridium mono(N-heterocyclic carbene) complexes: synthesis and oligomerization of [Lr(H)2Cl] and [Lr(H)2] <sup>+</sup> . <i>Chemical Communications</i> , 2011, 47, 2523.	2.2	28
34	Bis(carbodicarbene)phosphonium trication: the case against hypervalency. <i>Chemical Communications</i> , 2016, 52, 9789-9792.	2.2	26
35	Synthesis and characterization of a $\beta^2$ -diketiminato-supported aluminum dication. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5683-5686.	0.8	25
36	Syntheses of homochiral 1,2-ferrocene-functionalized Lewis acids and acid/base pairs. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2528-2532.	0.8	25

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37	Oxidative Addition of Water and Methanol to a Dicationic Trivalent Phosphorus Centre. <i>Chemistry - A European Journal</i> , 2014, 20, 6628-6631.	1.7	23
38	Generation of Cationic Two-Coordinate Group-13 Ligand Systems by Spontaneous Halide Ejection: Remarkably Nucleophile-Resistant (Dimethylamino)borylene Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 4586-4588.	6.6	22
39	Site-Specific Deuteration of Polyunsaturated Alkenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 13115-13120.	1.7	22
40	Synthesis and Characterization of Terpyridine-Supported Boron Cations: Evidence for Pentacoordination at Boron. <i>Inorganic Chemistry</i> , 2013, 52, 13865-13868.	1.9	21
41	A Dicationic Iminophosphane. <i>Inorganic Chemistry</i> , 2015, 54, 3087-3089.	1.9	21
42	Tuning Main Group Redox Chemistry through Steric Loading: Subvalent Group 13 Metal Complexes of Carbazolyl Ligands. <i>Chemistry - A European Journal</i> , 2011, 17, 5381-5386.	1.7	20
43	Syntheses and Anion Binding Capabilities of Bis(diarylboryl) Ferrocenes and Related Systems. <i>Organometallics</i> , 2013, 32, 2674-2684.	1.1	20
44	Câ€F Bond Activation by Transient Phosphenium Dications. <i>Inorganic Chemistry</i> , 2015, 54, 4180-4182.	1.9	20
45	Preparation, Structural Analysis, and Reactivity Studies of Phosphenium Dications. <i>Organometallics</i> , 2016, 35, 439-449.	1.1	19
46	Synthesis and structures of boron dihalides supported by the C6F5-substituted Î²-diketimate ligand [HC(CMe)2(NC6F5)2]âˆ“. <i>Dalton Transactions</i> , 2008, , 2293.	1.6	18
47	Anion Recognition by Highly Sterically Encumbered 1,2-Diborylferrocenes. <i>Organometallics</i> , 2010, 29, 4762-4765.	1.1	17
48	Pursuing the active species in an aluminium-based Lewis acid system for catalytic Dielsâ€Alder cycloadditions. <i>Dalton Transactions</i> , 2017, 46, 753-759.	1.6	17
49	Lithium, Aluminum, and Gallium Complexes of the C6F5-Substituted Î²-Diketimate Ligand [HC(CMe)2(NC6F5)2]-. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2888-2892.	0.6	15
50	Synthesis, characterization and structural analysis of new copper(II) complexes incorporating a pyridoxal-semicarbazone ligand. <i>Polyhedron</i> , 2011, 30, 16-21.	1.0	15
51	A Wellâ€Defined Aluminumâ€Based Lewis Acid as an Effective Catalyst for Dielsâ€Alder Transformations. <i>Chemistry - A European Journal</i> , 2015, 21, 11344-11348.	1.7	15
52	Extending the chemistry of carbones: Pâ€N bond cleavage via an SN2â€-like mechanism. <i>Chemical Communications</i> , 2015, 51, 10762-10764.	2.2	15
53	Influence of increasing steric demand on isomerization of terminal alkenes catalyzed by bifunctional ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 834, 1-9.	0.8	15
54	Extending the Chain: Synthetic, Structural, and Reaction Chemistry of a BN Allenylidene Analogue. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8908-8911.	7.2	14

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55	Synthesis, X-Ray characterization and antimicrobial activity of iron(II) and cobalt(III) complexes with the Schiff base derived from pyridoxal and semicarbazide or S-methylisothiosemicarbazide. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 727-733.	1.2	12
56	Iminoborylene complexes: evaluation of synthetic routes towards BN-allenylidenes and unexpected reactivity towards carbodiimides. <i>Dalton Transactions</i> , 2015, 44, 11294-11305.	1.6	12
57	Full Library of ( <i>i</i> -Bis(allyl)deuterated Arachidonic Acids: Synthesis and Analytical Verification. <i>ChemistrySelect</i> , 2016, 1, 4758-4764.	0.7	12
58	Michael Additions Catalyzed by a $\hat{\text{I}}^2$ -Diketiminato-Supported Aluminum Complex. <i>Journal of Organic Chemistry</i> , 2018, 83, 5295-5300.	1.7	12
59	Interaction of In(I) and Tl(I) Cations with 2,6-Diaryl Pyridine Ligands: Cation Encapsulation within a Very Weakly Interacting N/Arene Host Environment. <i>Inorganic Chemistry</i> , 2012, 51, 13017-13022.	1.9	11
60	Annulations of isoquinoline and $\hat{\text{I}}^2$ -carboline ring systems: synthesis of 8-oxoprotoberberine derivatives. <i>Tetrahedron Letters</i> , 2011, 52, 2733-2736.	0.7	10
61	Synthesis of N-Heterocyclic Carbene Stabilized Catecholoborenium Cations by Ligand Substitution. <i>Organometallics</i> , 2014, 33, 4165-4168.	1.1	9
62	Synthesis, Characterization and X-Ray Crystal Structure of the Tri Aqua (3-Hydroxy-5-Hydroxymethyl-2-Methylpyridine-4-Carboxaldehyde-3-Methylisothiosemicarbazone: k3, O3,) <i>Tj ETQq0 00rgBT /O</i> <i>Overlock 10</i>		
63	(Dimethylamino)borylene and Related Complexes of Electron-Rich Metal Fragments: Generation of Nucleophile-Resistant Cations by Spontaneous Halide Ejection. <i>Organometallics</i> , 2012, 31, 1092-1102.	1.1	8
64	Dihaloborenium cations stabilized by a four-membered N-heterocyclic carbene: electron deficiency compensation by asymmetric structural changes. <i>Dalton Transactions</i> , 2014, 43, 15313-15316.	1.6	8
65	Imine Reduction with Me <sub>2</sub> S-BH <sub>3</sub> . <i>Molecules</i> , 2021, 26, 5443.	1.7	8
66	Substituent effects on iron boryl and borylene systems: Unusual reactivity and spectroscopic properties. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 487-493.	0.8	7
67	Carbodiphosphorane-Stabilized Parent Dioxophosphorane: A Valuable Synthetic HO<sub>2</sub>P Source. <i>Journal of the American Chemical Society</i> , 2022, 144, 7357-7365.	6.6	7
68	Synthesis and structural characterization of terminal (diisopropylamino)borylene complexes of group 8 metals. <i>Main Group Chemistry</i> , 2010, 9, 57-65.	0.4	6
69	Oxidation of a C-P Bond under Mild Conditions. <i>Chemistry - A European Journal</i> , 2015, 21, 18594-18597.	1.7	6
70	Building a Lewis Acidic Phosphorus. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 785-788.	0.8	6
71	Alkene-assisted cis-to-trans isomerization of non-conjugated polyunsaturated alkenes. <i>Dalton Transactions</i> , 2017, 46, 14244-14250.	1.6	5
72	An insight into real and average structure from diffuse X-ray scattering – a case study. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 571-583.	0.5	4

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73	Coordination, reactivity, and structural properties of electron-rich ethoxy- and dimethylamino-substituted 1,3-diketiminato ligands and their complexes. Dalton Transactions, 2018, 47, 10195-10205.	1.6	4
74	Electronically Induced Steric Clash: Synthesis of NMe <sub>2</sub> -Modified $\hat{I}^2$ -Diketiminato-Supported Boron Difluoride Compounds. Australian Journal of Chemistry, 2020, 73, 1219.	0.5	3
75	Bis[4-(2-carbamoylhydrazin-1-ylidene- $\hat{I}^2$ N1,O)-5-hydroxymethyl-2-methylpyridinium-3-olato- $\hat{I}^3$ O3]cobalt(II) dinitrate dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m408-m409.	0.2	1