

Jan Turek

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reactivity of Single Transition Metal Atoms on a Hydroxylated Amorphous Silica Surface: A Periodic Conceptual DFT Investigation. <i>Chemistry - A European Journal</i> , 2021, 27, 6050-6063.	1.7	11
2	N-Donor stabilized tin(II) cations as efficient ROP catalysts for the synthesis of linear and star-shaped PLAs via the activated monomer mechanism. <i>Dalton Transactions</i> , 2021, 50, 16039-16052.	1.6	5
3	SnP -coordinated Ru cation: a robust catalyst for aerobic oxidations of benzylamine and benzyl alcohol. <i>Chemical Communications</i> , 2021, 57, 12992-12995.	2.2	4
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	Organogermanium(II) Hydrides as a Source of Highly Soluble LiH. <i>Chemistry - A European Journal</i> , 2020, 26, 6070-6075.	1.7	7
6	Reactivity of Monomeric N^+Ge Coordinated Germanium(II) Hydrides. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1884-1894.	1.0	6
7	From a 2,1-Benzazasole to Elusive Ar -Arsanaphthalenes in One Step. <i>Chemistry - A European Journal</i> , 2019, 25, 5668-5671.	1.7	13
8	Aurophilic Interactions in $[(\text{L})\text{AuCl}] \dots [(\text{L}')\text{AuCl}]$ Dimers: Calibration by Experiment and Theory. <i>Journal of the American Chemical Society</i> , 2018, 140, 2316-2325.	6.6	48
9	Heavier pnictinidene gold complexes. <i>Dalton Transactions</i> , 2018, 47, 14503-14514.	1.6	19
10	Heterocycles Derived from Generating Monovalent Pnictogens within NCN Pincers and Bidentate NC Chelates: Hypervalency versus Bell-Clappers versus Static Aromatics. <i>Organometallics</i> , 2018, 37, 2481-2490.	1.1	33
11	Role of the Trichlorostannyl Ligand in Tin-Ruthenium Arene Complexes: Experimental and Computational Studies. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1292-1300.	1.0	13
12	A comparative study of the structure and bonding in heavier pnictinidene complexes $[(\text{ArE})\text{M}(\text{CO})_n]$ (E = As, Sb and Bi; M = Cr, Mo, W and Fe). <i>Dalton Transactions</i> , 2017, 46, 3556-3568.	1.6	44
13	Monomeric C_2N_2 -chelated Germanium Hydrides in N^+C Bond Cleavage. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3100-3104.	1.0	9
14	Different Products of the Reduction of (N),C,N-Chelated Antimony(III) Compounds: Competitive Formation of Monomeric Stibinidenes versus 1,2,4-Benzazastiboles. <i>Chemistry - A European Journal</i> , 2017, 23, 2340-2349.	1.7	39
15	Bonding in Heavier Group 14 Zero-Valent Complexes: A Combined Maximum Probability Domain and Valence Bond Theory Approach. <i>Chemistry - A European Journal</i> , 2017, 23, 14604-14613.	1.7	14
16	Spontaneous Double Hydrometallation Induced by N^+M Coordination in Organometallic Hydrides of Group 14 Elements. <i>Chemistry - A European Journal</i> , 2016, 22, 5620-5628.	1.7	16
17	1,2,4-Triazole-based N -heterocyclic carbene complexes of gold(I): synthesis, characterization and biological activity. <i>Applied Organometallic Chemistry</i> , 2016, 30, 318-322.	1.7	18
18	C,N-Chelated organotin azides: synthesis, structure and use within click chemistry. <i>New Journal of Chemistry</i> , 2016, 40, 5808-5817.	1.4	8

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19	Expanding the family of C,N-chelated organotin(IV) pseudohalides: Synthesis and structural characterization. <i>Journal of Organometallic Chemistry</i> , 2016, 801, 14-23.	0.8	14
20	Addition of in situ reduced amidinato-methylaluminium chloride to acetylenes. <i>Dalton Transactions</i> , 2015, 44, 17462-17466.	1.6	3
21	Reactivity of low-oxidation state tin compounds: an overview of the benefits of combining DFT Theory and experimental NMR spectroscopy. <i>Canadian Journal of Chemistry</i> , 2014, 92, 447-461.	0.6	1
22	Dimers of Nâ€Heterocyclic Carbene Copper, Silver, and Gold Halides: Probing Metallophilic Interactions through Electron Density Based Concepts. <i>Chemistry - A European Journal</i> , 2014, 20, 734-744.	1.7	42
23	Additivity of Interligand Substituent Effects for the Isoelectronic [(Î-5-C6H7)Fe(Î-6-MenC6H6â€n)]+ and [(Î-5-C5H5)Fe(Î-6-MenC6H6â€n)]+ Sandwich Cations. <i>Organometallics</i> , 2014, 33, 2898-2901.	1.1	2
24	Structural diversity of two 1,2,4-triazole based N-heterocyclic carbene complexes of silver(I). <i>Inorganic Chemistry Communication</i> , 2014, 48, 103-106.	1.8	4
25	Non-covalent interactions in coinage metal complexes of 1,2,4-triazole-based N-heterocyclic carbenes. <i>Dalton Transactions</i> , 2014, 43, 15465-15474.	1.6	22
26	Palladium(II) Complexes of 1,2,4-Triazole-Based N-Heterocyclic Carbenes: Synthesis, Structure, and Catalytic Activity. <i>Organometallics</i> , 2014, 33, 3108-3118.	1.1	25
27	Preparation and structure of tin(IV) catecholates by reactions of C,N-chelated tin(IV) compounds with a catechol or lithium catecholate, and various stannylenes with a quinone. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 25-33.	0.8	11
28	Combined NMR and DFT Study on the Complexation Behavior of Lappertâ€™s Tin(II) Amide. <i>Organometallics</i> , 2013, 32, 2121-2134.	1.1	28
29	Amino Group Functionalized N-Heterocyclic 1,2,4-Triazole-Derived Carbenes: Structural Diversity of Rhodium(I) Complexes. <i>Organometallics</i> , 2013, 32, 7234-7240.	1.1	9
30	Tetrylenes Chelated by Hybrid Amidoâ€Amino Ligand: Derivatives of 2-[(N,N-Dimethylamino)methyl]aniline. <i>Inorganic Chemistry</i> , 2011, 50, 9454-9464.	1.9	24
31	Dichloridobis{2-[(dimethylamino)methyl]phenyl}bis{2-[(dimethylazaniumyl)methyl]phenyl}di-1/4-hydroxido-di-1/4-oxido-dichloride deuteriochloroform decahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1890-m1891.	0.2	1
32	Reduction of C,N-chelated Diorganotin(IV) Dichlorides. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1843-1847.	0.8	15
33	C,N-chelated hexaorganodistannanes, and triorganotin(IV) hydrides and cyclopentadienides. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3000-3007.	0.8	26