Jan Turek

List of Publications by Year
in descending order

33	557	567144 15	642610 23
papers	citations	h-index	g-index

33	33	33	700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aurophilic Interactions in [(L)AuCl]...[(Lâ€²)AuCl] Dimers: Calibration by Experiment and Theory. Journal of the American Chemical Society, 2018, 140, 2316-2325.	6.6	48
2	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). Dalton Transactions, 2017, 46, 3556-3568.	1.6	44
3	Dimers of Nâ€Heterocyclic Carbene Copper, Silver, and Gold Halides: Probing Metallophilic Interactions through Electron Density Based Concepts. Chemistry - A European Journal, 2014, 20, 734-744.	1.7	42
4	Different Products of the Reduction of (N),C,Nâ€Chelated Antimony(III) Compounds: Competitive Formation of Monomeric Stibinidenes versus 1Hâ€2,1â€Benzazastiboles. Chemistry - A European Journal, 2017, 23, 2340-2349.	1.7	39
5	Heterocycles Derived from Generating Monovalent Pnictogens within NCN Pincers and Bidentate NC Chelates: Hypervalency versus Bell-Clappers versus Static Aromatics. Organometallics, 2018, 37, 2481-2490.	1.1	33
6	Combined NMR and DFT Study on the Complexation Behavior of Lappertâ€™s Tin(II) Amide. Organometallics, 2013, 32, 2121-2134.	1.1	28
7	C,N-chelated hexaorganodistannanes, and triorganotin(IV) hydrides and cyclopentadienides. Journal of Organometallic Chemistry, 2009, 694, 3000-3007.	0.8	26
8	Palladium(II) Complexes of 1,2,4-Triazole-Based N-Heterocyclic Carbenes: Synthesis, Structure, and Catalytic Activity. Organometallics, 2014, 33, 3108-3118.	1.1	25
9	Tetrylenes Chelated by Hybrid Amidoâ€“Amino Ligand: Derivatives of 2-[(N,N-Dimethylamino)methyl]aniline. Inorganic Chemistry, 2011, 50, 9454-9464.	1.9	24
10	Hetero Dielsâ€“Alder Reactions of Masked Dienes Containing Heavy Groupâ€...15 Elements. Chemistry - A European Journal, 2020, 26, 1144-1154.	1.7	23
11	Non-covalent interactions in coinage metal complexes of 1,2,4-triazole-based N-heterocyclic carbenes. Dalton Transactions, 2014, 43, 15465-15474.	1.6	22
12	Heavier pnictinidene gold(<scp>i</scp>) complexes. Dalton Transactions, 2018, 47, 14503-14514.	1.6	19
13	1,2,4â€Triazoleâ€based Nâ€heterocyclic carbene complexes of gold(I): synthesis, characterization and biological activity. Applied Organometallic Chemistry, 2016, 30, 318-322.	1.7	18
14	Spontaneous Double Hydrometallation Induced by Nâ†’M Coordination in Organometallic Hydrides of Group 14 Elements. Chemistry - A European Journal, 2016, 22, 5620-5628.	1.7	16
15	Reduction of C,N-chelated Diorganotin(IV) Dichlorides. Journal of Organometallic Chemistry, 2010, 695, 1843-1847.	0.8	15
16	Expanding the family of C,N-chelated organotin(IV) pseudohalides: Synthesis and structural characterization. Journal of Organometallic Chemistry, 2016, 801, 14-23.	0.8	14
17	Bonding in Heavier Group 14 Zeroâ€Valent Complexesâ€”A Combined Maximum Probability Domain and Valence Bond Theory Approach. Chemistry - A European Journal, 2017, 23, 14604-14613.	1.7	14
18	Role of the Trichlorostannyl Ligand in Tinâ€“Ruthenium Arene Complexes: Experimental and Computational Studies. European Journal of Inorganic Chemistry, 2017, 2017, 1292-1300.	1.0	13

#	Article	IF	Citations
19	From a 2,1â€Benzazaarsole to Elusive 1â€Arsanaphthalenes in One Step. Chemistry - A European Journal, 2019, 25, 5668-5671.	1.7	13
20	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. Journal of Organometallic Chemistry, 2013, 745-746, 25-33.	0.8	11
21	Reactivity of Single Transition Metal Atoms on a Hydroxylated Amorphous Silica Surface: A Periodic Conceptual DFT Investigation. Chemistry - A European Journal, 2021, 27, 6050-6063.	1.7	11
22	Amino Group Functionalized N-Heterocyclic 1,2,4-Triazole-Derived Carbenes: Structural Diversity of Rhodium(I) Complexes. Organometallics, 2013, 32, 7234-7240.	1.1	9
23	Monomeric C,Nâ€Chelated Germanium Hydrides in Nâ€“C Bond Cleavage. European Journal of Inorganic Chemistry, 2017, 2017, 3100-3104.	1.0	9
24	C,N-Chelated organotin(<scp>iv</scp>) azides: synthesis, structure and use within click chemistry. New Journal of Chemistry, 2016, 40, 5808-5817.	1.4	8
25	Organogermanium(II) Hydrides as a Source of Highly Soluble LiH. Chemistry - A European Journal, 2020, 26, 6070-6075.	1.7	7
26	Reactivity of Monomeric Nâ†'Ge Coordinated Germanium(II) Hydrides. European Journal of Inorganic Chemistry, 2019, 2019, 1884-1894.	1.0	6
27	N-Donor stabilized tin(<scp>ii</scp>) cations as efficient ROP catalysts for the synthesis of linear and star-shaped PLAsviathe activated monomer mechanism. Dalton Transactions, 2021, 50, 16039-16052.	1.6	5
28	Structural diversity of two 1,2,4-triazole based N -heterocyclic carbene complexes of silver(I). Inorganic Chemistry Communication, 2014, 48, 103-106.	1.8	4
29	Sn,P-coordinated Ru cation: a robust catalyst for aerobic oxidations of benzylamine and benzyl alcohol. Chemical Communications, 2021, 57, 12992-12995.	2.2	4
30	Addition of in situ reduced amidinato-methylaluminium chloride to acetylenes. Dalton Transactions, 2015, 44, 17462-17466.	1.6	3
31	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. Organometallics, 2014, 33, 2898-2901.	1.1	2
32	Dichloridobis{2-[(dimethylamino)methyl]phenyl}bis{2-[(dimethylazaniumyl)methyl]phenyl}di-Î¼-hydroxido-di-Î¼₃-oxido-te dichloride deuterochloroform decasolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1890-m1891.	0.2	1
33	Reactivity of low-oxidation state tin compounds: an overview of the benefits of combining DFT Theory and experimental NMR spectroscopy. Canadian Journal of Chemistry, 2014, 92, 447-461.	0.6	1