

Rafal Wysokinski

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2937658/rafal-wysokinski-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

685
citations

12
h-index

22
g-index

22
ext. papers

774
ext. citations

3.4
avg, IF

4.7
L-index

#	Paper	IF	Citations
19	The prediction of Raman spectra of platinum(II) anticancer drugs by density functional theory. <i>Chemical Physics Letters</i> , 2005 , 403, 211-217	2.5	435
18	On the ability of pnictogen atoms to engage in both σ and π hole complexes. Heterodimers of ZFCH (Z = P, As, Sb, Bi) and NH. <i>Journal of Molecular Modeling</i> , 2019 , 25, 152	2	23
17	Theoretical Studies of IR and NMR Spectral Changes Induced by Sigma-Hole Hydrogen, Halogen, Chalcogen, Pnictogen, and Tetrel Bonds in a Model Protein Environment. <i>Molecules</i> , 2019 , 24,	4.8	23
16	Anion-anion Attraction in Complexes of MCl (M=Zn, Cd, Hg) with CN. <i>ChemPhysChem</i> , 2020 , 21, 1119-1125	3.25	22
15	Dual Geometry Schemes in Tetrel Bonds: Complexes between TF ₂ (T = Si, Ge, Sn) and Pyridine Derivatives. <i>Molecules</i> , 2019 , 24,	4.8	21
14	How Many Pnictogen Bonds can be Formed to a Central Atom Simultaneously?. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 2046-2056	2.8	19
13	Hexacoordinated Tetrel-Bonded Complexes between TF (T=Si, Ge, Sn, Pb) and NCH: Competition between σ and π Holes. <i>ChemPhysChem</i> , 2019 , 20, 959-966	3.2	19
12	On the Stability of Interactions between Pairs of Anions - Complexes of MCl (M=Be, Mg, Ca, Sr, Ba) with Pyridine and CN. <i>ChemPhysChem</i> , 2020 , 21, 870-877	3.2	18
11	Influence of monomer deformation on the competition between two types of π holes in tetrel bonds. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 10336-10346	3.6	17
10	Pnictogen Bonds Pairing Anionic Lewis Acid with Neutral and Anionic Bases. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 4998-5006	2.8	17
9	Chalcogen bonding of two ligands to hypervalent YF (Y = S, Se, Te, Po). <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 20829-20839	3.6	15
8	Structures and energetics of clusters surrounding diatomic anions stabilized by hydrogen, halogen, and other noncovalent bonds. <i>Chemical Physics</i> , 2020 , 530, 110590	2.3	14
7	Anion-anion and anion-neutral triel bonds. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 4818-4828	3.6	11
6	Crystallographic and Theoretical Evidences of Anion-anion Interaction. <i>ChemPhysChem</i> , 2021 , 22, 818-821	3.21	10
5	Anion-anion (MX) dimers (M = Zn, Cd, Hg; X = Cl, Br, I) in different environments. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 13853-13861	3.6	6
4	Ni(II) complex with sarcosine derived from in situ generated ligand: structural, spectroscopic, and DFT studies. <i>Structural Chemistry</i> , 2015 , 26, 1555-1563	1.8	5
3	Ability of Lewis Acids with Shallow π Holes to Engage in Chalcogen Bonds in Different Environments. <i>Molecules</i> , 2021 , 26,	4.8	3

- | | | | |
|---|---|-----|---|
| 2 | Experimental and theoretical evidence of attractive interactions between dianions: [PdCl] ₂ [PdCl] ₂ . <i>Chemical Communications</i> , 2021 , 57, 13305-13308 | 5.8 | 1 |
| 1 | Triel bonds within anion-anion complexes. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 25097-25106 | 3.6 | 1 |