

Nino Runeberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8341608/publications.pdf>

Version: 2024-02-01

32
papers

3,062
citations

257450

24
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

2075
citing authors

#	ARTICLE	IF	CITATIONS
1	A stable argon compound. <i>Nature</i> , 2000, 406, 874-876.	27.8	555
2	Theory of the $d^{10} \leftarrow d^{10}$ Closed-Shell Attraction: 1. Dimers Near Equilibrium. <i>Chemistry - A European Journal</i> , 1997, 3, 1451-1457.	3.3	430
3	Icosahedral WAu ₁₂ : A Predicted Closed-Shell Species, Stabilized by Auophilic Attraction and Relativity and in Accord with the 18-Electron Rule This work was supported by The Academy of Finland. The computations were carried out at CSC, Espoo, Finland.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2174.	13.8	335
4	Predicted ligand dependence of the Au(I) \leftarrow Au(I) attraction in (X AuPH ₃) ₂ . <i>Chemical Physics Letters</i> , 1994, 218, 133-138.	2.6	277
5	The auophilic attraction as interpreted by local correlation methods. <i>Journal of Chemical Physics</i> , 1999, 110, 7210-7215.	3.0	163
6	Quasirelativistic Pseudopotential Study of Species Isoelectronic to Uranyl and the Equatorial Coordination of Uranyl. <i>The Journal of Physical Chemistry</i> , 1994, 98, 4809-4813.	2.9	158
7	Matrix Infrared Spectroscopic and ab Initio Studies of ZnH ₂ , CdH ₂ , and Related Metal Hydride Species. <i>The Journal of Physical Chemistry</i> , 1995, 99, 7925-7934.	2.9	118
8	A theoretical study of HArF, a newly observed neutral argon compound. <i>Journal of Chemical Physics</i> , 2001, 114, 836.	3.0	104
9	A Neutral Xenon-Containing Radical, HXeO. <i>Journal of the American Chemical Society</i> , 2003, 125, 1454-1455.	13.7	80
10	Experimental and Theoretical Studies of the $d^8 \leftarrow d^{10}$ Interaction between Pd(II) and Au(I): \hat{A} Bis(chloro[(phenylthiomethyl)diphenylphosphine]gold(I)) \hat{A} dichloropalladium(II) and Related Systems. <i>Inorganic Chemistry</i> , 2000, 39, 4786-4792.	4.0	75
11	Ab initio studies of bonding trends. <i>Computational and Theoretical Chemistry</i> , 1991, 234, 279-290.	1.5	74
12	Relativistic pseudopotential calculations on Xe ₂ , RnXe, and Rn ₂ : The van der Waals properties of radon. <i>International Journal of Quantum Chemistry</i> , 1998, 66, 131-140.	2.0	71
13	Icosahedral WAu ₁₂ : A Predicted Closed-Shell Species, Stabilized by Auophilic Attraction and Relativity and in Accord with the 18-Electron Rule This work was supported by The Academy of Finland. The computations were carried out at CSC, Espoo, Finland.. <i>Angewandte Chemie</i> , 2002, 114, 2278.	2.0	66
14	Auophilic attraction: the additivity and the combination with hydrogen bonds. <i>Chemical Physics Letters</i> , 2003, 370, 733-740.	2.6	48
15	Calculated Structure and Optical Properties of Tl ₂ Pt(CN) ₄ . <i>Inorganic Chemistry</i> , 1996, 35, 7450-7451.	4.0	45
16	A Study of the Interactions in an Extended Unsupported Gold-Silver Chain. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 750-753.	2.0	45
17	Calculated properties of XeH ₂ . <i>Chemical Physics Letters</i> , 1995, 246, 239-244.	2.6	42
18	Luminescence Phenomena and Solid-State Structures of Trimethyl- and Triethylgallium. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2519-2522.	13.8	42

#	ARTICLE	IF	CITATIONS
19	Calculation of binary magnetic properties and potential energy curve in xenon dimer: Second virial coefficient of ^{129}Xe nuclear shielding. <i>Journal of Chemical Physics</i> , 2004, 121, 5908-5919.	3.0	40
20	Coordination of Pyridinethiols in Gold(I) Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 9954-9960.	4.0	40
21	Comparative Theoretical Study of N-Heterocyclic Carbenes and Other Ligands Bound to Au. <i>Chemistry - an Asian Journal</i> , 2006, 1, 623-628.	3.3	39
22	Chemical bonds between noble metals and noble gases.. <i>Chemical Physics Letters</i> , 1998, 288, 635-641.	2.6	36
23	Calculated properties of the AuPH_3 and related systems: role of covalent and correlation contributions. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1812-1813.	2.0	29
24	Structural, Spectroscopic and Theoretical Studies of (tButyl-isocyanide)gold(I) Iodide. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 881-889.	0.7	26
25	Ab initio studies of bonding trends. <i>Computational and Theoretical Chemistry</i> , 1991, 234, 269-277.	1.5	24
26	Could uranium(III)hexoxide, $\text{UO}_6(\text{OH})$ exist?. <i>Chemical Physics Letters</i> , 2000, 328, 415-419.	2.6	24
27	Formation of HXeO in a xenon matrix: Indirect evidence of production, trapping, and mobility of $\text{XeO}^+(1\text{--}1\text{--})$ in solid Xe. <i>Journal of Chemical Physics</i> , 2004, 121, 1839-1848.	3.0	18
28	Lumineszenzphänomene und Festkörperstrukturen von Trimethyl- und Triethylgallium. <i>Angewandte Chemie</i> , 2002, 114, 2629-2632.	2.0	16
29	Selective Covalent Functionalization of Carbon Nanobuds. <i>Chemistry of Materials</i> , 2010, 22, 4347-4349.	6.7	16
30	Computational Vibrational and Electronic Spectroscopy of the Water Nitric Oxide Complex. <i>Journal of Physical Chemistry A</i> , 2010, 114, 4835-4842.	2.5	13
31	Calculated properties of OCNS^+ and related species. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, .	2.0	12
32	A Neutral Xenon-Containing Radical, HXeO .. <i>ChemInform</i> , 2003, 34, no.	0.0	0