

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	Computational Vibrational and Electronic Spectroscopy of the Water Nitric Oxide Complex. Journal of Physical Chemistry A, 2010, 114, 4835-4842.	2.5	13
2	Selective Covalent Functionalization of Carbon Nanobuds. Chemistry of Materials, 2010, 22, 4347-4349.	6.7	16
3	Coordination of Pyridinethiols in Gold(I) Complexes. Inorganic Chemistry, 2007, 46, 9954-9960.	4.0	40
4	Comparative Theoretical Study of N-Heterocyclic Carbenes and Other Ligands Bound to Au. Chemistry - an Asian Journal, 2006, 1, 623-628.	3.3	39
5	Calculation of binary magnetic properties and potential energy curve in xenon dimer: Second virial coefficient of ^{129}Xe nuclear shielding. Journal of Chemical Physics, 2004, 121, 5908-5919.	3.0	40
6	Formation of HXeO in a xenon matrix: Indirect evidence of production, trapping, and mobility of $\text{XeO}^{\ominus}\text{S}^{\oplus}$ in solid Xe. Journal of Chemical Physics, 2004, 121, 1839-1848.	3.0	18
7	A Neutral Xenon-Containing Radical, HXeO.. ChemInform, 2003, 34, no.	0.0	0
8	Aurophilic attraction: the additivity and the combination with hydrogen bonds. Chemical Physics Letters, 2003, 370, 733-740.	2.6	48
9	A Neutral Xenon-Containing Radical, HXeO. Journal of the American Chemical Society, 2003, 125, 1454-1455.	13.7	80
10	Structural, Spectroscopic and Theoretical Studies of (tButyl-isocyanide)gold(I) Iodide. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 881-889.	0.7	26
11	Icosahedral WAu_{12} : A Predicted Closed-Shell Species, Stabilized by Aurophilic 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.. Angewandte Chemie, 2002, 114, 2278.	2.0	66
12	Lumineszenzphänomene und Festkörperstrukturen von Trimethyl- und Triethylgallium. Angewandte Chemie, 2002, 114, 2629-2632.	2.0	16
13	Icosahedral WAu_{12} : A Predicted Closed-Shell Species, Stabilized by Aurophilic 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.. Angewandte Chemie - International Edition, 2002, 41, 2174.	13.8	335
14	Luminescence Phenomena and Solid-State Structures of Trimethyl- and Triethylgallium. Angewandte Chemie - International Edition, 2002, 41, 2519-2522.	13.8	42
15	A Study of the Interactions in an Extended Unsupported Gold-Silver Chain. European Journal of Inorganic Chemistry, 2002, 2002, 750-753.	2.0	45
16	A theoretical study of HArF, a newly observed neutral argon compound. Journal of Chemical Physics, 2001, 114, 836.	3.0	104
17	Could uranium(XII)hexoxide, $\text{UO}_6(\text{O})_6$ exist?. Chemical Physics Letters, 2000, 328, 415-419.	2.6	24
18	A stable argon compound. Nature, 2000, 406, 874-876.	27.8	555

#	ARTICLE	IF	CITATIONS
19	Experimental and Theoretical Studies of the $d_{8s^1}d_{10}$ 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
20	The aurophilic attraction as interpreted by local correlation methods. <i>Journal of Chemical Physics</i> , 1999, 110, 7210-7215.	3.0	163
21	Chemical bonds between noble metals and noble gases.. <i>Chemical Physics Letters</i> , 1998, 288, 635-641.	2.6	36
22	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
23	Theory of the $d^{10} \hat{A} d^{10}$ Closed-Shell Attraction: 1. Dimers Near Equilibrium. <i>Chemistry - A European Journal</i> , 1997, 3, 1451-1457.	3.3	430
24	Calculated Structure and Optical Properties of Pt ₂ Pt(CN) ₄ . <i>Inorganic Chemistry</i> , 1996, 35, 7450-7451.	4.0	45
25	Calculated properties of XeH ₂ . <i>Chemical Physics Letters</i> , 1995, 246, 239-244.	2.6	42
26	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
27	Predicted ligand dependence of the Au(I) \hat{A} Au(I) attraction in (XAuPH ₃) ₂ . <i>Chemical Physics Letters</i> , 1994, 218, 133-138.	2.6	277
28	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
29	Calculated properties of the \hat{A} \hat{A} [AuPH ₃] ₂ +4 and related systems: role of covalent and correlation contributions. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1812-1813.	2.0	29
30	Calculated properties of OCNS \hat{A} and related species. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, .	2.0	12
31	Ab initio studies of bonding trends. <i>Computational and Theoretical Chemistry</i> , 1991, 234, 269-277.	1.5	24
32	Ab initio studies of bonding trends. <i>Computational and Theoretical Chemistry</i> , 1991, 234, 279-290.	1.5	74