

# Nina Vankova

## List of Publications by Year in descending order

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27  
papers

1,356  
citations

394421

19  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Twoâ€Coordinate Iron(I)â€Oxalate Complex. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	2
2	Strong Binding of Noble Gases to $[B_{12}X_{11}]^{+}$ : A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4760-4765.	2.5	5
3	Dissolving uptake-hindering surface defects in metalâ€organic frameworks. <i>Chemical Science</i> , 2019, 10, 153-160.	7.4	55
4	Cavitation energies can outperform dispersion interactions. <i>Nature Chemistry</i> , 2018, 10, 1252-1257.	13.6	60
5	Linear Chains of Magnetic Ions Stacked with Variable Distance: Ferromagnetic Ordering with a Curie Temperature above 20â€K. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12683-12687.	13.8	14
6	Chiral Dodecanuclear Palladium(II) Thio Cluster: Synthesis, Structure, and Formation Mechanism Explored by ESI-MS and DFT Calculations. <i>Inorganic Chemistry</i> , 2016, 55, 7811-7813.	4.0	4
7	Platinumâ€Containing Polyoxometalates: <i>syn</i> and <i>anti</i> $[Pt_{2}(PW_{11}O_{39})_2]^{10-}$ and Formation of the Metalâ€Metalâ€Bonded $[Pt_{III}]$ Derivatives. <i>Chemistry - A European Journal</i> , 2016, 22, 5514-5519.	3.3	21
8	A kinetic study on the reduction of $CO_2$ by frustrated Lewis pairs: from understanding to rational design. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3567-3574.	2.8	38
9	The polyoxo-22-palladate( $Na_2Pd_{12}O_{12}(AsVO_4)_{15}(AsVO_3OH)$ ). <i>Dalton Transactions</i> , 2016, 45, 2394-2398.	1.6	1
10	Are intramolecular frustrated Lewis pairs also intramolecular catalysts? A theoretical study on $H_2$ activation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10687-10698.	2.8	21
11	How Counterions Affect the Solution Structure of Polyoxoaurates: Insights from UV/Vis Spectral Simulations and Electrospray Mass Spectrometry. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3771-3778.	2.0	12
12	The Mixed Goldâ€Palladium Polyoxoâ€Nobleâ€Metalate $[NaAu_{III}Pd_{IV}O_8(AsO_4)_8]^{16-}$ . <i>Chemistry - A European Journal</i> , 2014, 20, 8556-8560.	3.3	16
13	Extension of the Universal Force Field to Metalâ€Organic Frameworks. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 880-891.	5.3	200
14	On the Mechanism of Hydrogen Activation by Frustrated Lewis Pairs. <i>Chemistry - A European Journal</i> , 2013, 19, 17413-17424.	3.3	62
15	On the gas-phase dimerization of negatively charged closo-dodecaborates: a theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10358.	2.8	10
16	Chemical Speciation of Metal Complexes from Chemical Shift Calculations: The Interaction of 2-Amino-N-hydroxypropanamide with V(V) in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11670-11680.	2.6	0
17	From an Icosahedron to a Plane: Flattening Dodecaidoâ€dodecaborate by Successive Stripping of Iodine. <i>Chemistry - A European Journal</i> , 2012, 18, 13208-13212.	3.3	30
18	Noncovalent Bifunctional Organocatalysts: Powerful Tools for Contiguous Quaternaryâ€Tertiary Stereogenic Carbon Formation, Scope, and Origin of Enantioselectivity. <i>Chemistry - A European Journal</i> , 2012, 18, 4088-4098.	3.3	86

#	ARTICLE	IF	CITATIONS
19	Polyoxomolybdodiphosphonates: Examples Incorporating Ethylidenepyridines. <i>Inorganic Chemistry</i> , 2011, 50, 11667-11675.	4.0	39
20	Polyoxometalates Made of Gold: The Polyoxoaurate [Au <sup>III</sup> <sub>4</sub> As <sup>V</sup> <sub>4</sub> O <sub>20</sub> ] <sup>8-</sup> . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1886-1889.	13.8	87
21	Inside Cover: Polyoxometalates Made of Gold: The Polyoxoaurate [Au <sup>III</sup> <sub>4</sub> As <sup>V</sup> <sub>4</sub> O <sub>20</sub> ] <sup>8-</sup> (Angew.) <i>Tj ETOP</i> 1 0.784314 rg	13.8	87
22	A Noble Metalate Bowl: The Polyoxovanado(V)–palladate(II) [Pd <sub>7</sub> V <sub>6</sub> O <sub>24</sub> (OH) <sub>2</sub> ] <sup>6-</sup> . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7807-7811.	13.8	65
23	NMR Chemical Shifts of Metal Centres in Polyoxometalates: Relativistic DFT Predictions. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5102-5108.	2.0	40
24	Emulsification in turbulent flow. <i>Journal of Colloid and Interface Science</i> , 2007, 310, 570-589.	9.4	81
25	Emulsification in turbulent flow. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 363-380.	9.4	227
26	Emulsification in turbulent flow. <i>Journal of Colloid and Interface Science</i> , 2007, 313, 612-629.	9.4	87
27	Identification of a Two-Coordinate Iron(II)–Oxalate Complex. <i>Angewandte Chemie</i> , 0, , .	2.0	0