

Alina P Sergeeva

List of Publications by Year in descending order

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31
papers

2,949
citations

304743

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395702

33
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docs citations

37
times ranked

1736
citing authors

#	ARTICLE	IF	CITATIONS
1	Affinity requirements for control of synaptic targeting and neuronal cell survival by heterophilic IgSF cell adhesion molecules. <i>Cell Reports</i> , 2022, 39, 110618.	6.4	9
2	Sorting of cadherin-catenin-associated proteins into individual clusters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
3	DIP/Dpr interactions and the evolutionary design of specificity in protein families. <i>Nature Communications</i> , 2020, 11, 2125.	12.8	26
4	Trans-endocytosis elicited by nectins transfers cytoplasmic cargo including infectious material between cells. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	25
5	Neuron-Subtype-Specific Expression, Interaction Affinities, and Specificity Determinants of DIP/Dpr Cell Recognition Proteins. <i>Neuron</i> , 2018, 100, 1385-1400.e6.	8.1	65
6	Interactions between the Ig-Superfamily Proteins DIP-1 and Dpr6/10 Regulate Assembly of Neural Circuits. <i>Neuron</i> , 2018, 100, 1369-1384.e6.	8.1	64
7	Molecular basis of sidekick-mediated cell-cell adhesion and specificity. <i>ELife</i> , 2016, 5, .	6.0	36
8	1-Catenin-mediated cadherin clustering couples cadherin and actin dynamics. <i>Journal of Cell Biology</i> , 2015, 210, 647-661.	5.2	42
9	Understanding Boron through Size-Selected Clusters: Structure, Chemical Bonding, and Fluxionality. <i>Accounts of Chemical Research</i> , 2014, 47, 1349-1358.	15.6	474
10	B ₁₃ ⁺ : A Photodriven Molecular Wankel Engine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8512-8515.	13.8	72
11	A photoelectron spectroscopy and <i>ab initio</i> study of B ₂₁ ⁻ : Negatively charged boron clusters continue to be planar at 21. <i>Journal of Chemical Physics</i> , 2012, 136, 104310.	3.0	127
12	Experimental and computational evidence of octa- and nona-coordinated planar iron-doped boron clusters: Fe@B ₈ ⁻ and Fe@B ₉ ⁻ . <i>Journal of Organometallic Chemistry</i> , 2012, 721-722, 148-154.	1.8	85
13	Theoretical study of the Si ₅ ⁿ (BH) _n ⁿ and Na(Si ₅ ⁿ (BH) _n) ⁿ (n = 0-5) systems. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16326.	2.8	8
14	B ₂₂ ⁺ and B ₂₃ ⁺ : All-Boron Analogues of Anthracene and Phenanthrene. <i>Journal of the American Chemical Society</i> , 2012, 134, 18065-18073.	13.7	198
15	Planarization of B ₇ ⁺ and B ₁₂ ⁺ Clusters by Isoelectronic Substitution: AlB ₆ ⁺ and AlB ₁₁ ⁺ . <i>Journal of the American Chemical Society</i> , 2011, 133, 8646-8653.	13.7	73
16	Unravelling phenomenon of internal rotation in B ₁₃ ⁺ through chemical bonding analysis. <i>Chemical Communications</i> , 2011, 47, 6242.	4.1	120
17	Deciphering the mystery of hexagon holes in an all-boron graphene 1-sheet. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 11575.	2.8	136
18	All-boron analogues of aromatic hydrocarbons: B ₁₇ ⁺ and B ₁₈ ⁺ . <i>Journal of Chemical Physics</i> , 2011, 134, 224304.	3.0	283

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19	Chemical Bonding and Aromaticity in Trinuclear Transition-Metal Halide Clusters. <i>Inorganic Chemistry</i> , 2011, 50, 1039-1046.	4.0	24
20	Rational Design of Small 3D Gold Clusters. <i>Journal of Cluster Science</i> , 2011, 22, 321-329.	3.3	15
21	Flattening a puckered cyclohexasilane ring by suppression of the pseudo-Jahn-Teller effect. <i>Journal of Chemical Physics</i> , 2011, 134, 014105.	3.0	41
22	A concentric planar doubly η^6 -aromatic B ₁₉ cluster. <i>Nature Chemistry</i> , 2010, 2, 202-206.	13.6	481
23	THE CHEMICAL BONDING OF Re ₃ Cl ₉ AND REVEALED BY THE ADAPTIVE NATURAL DENSITY PARTITIONING ANALYSES. <i>Comments on Inorganic Chemistry</i> , 2010, 31, 2-12.	5.2	55
24	Combined Experimental and Theoretical Investigation of Three-Dimensional, Nitrogen-Doped, Gallium Cluster Anions. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11070-11077.	2.5	17
25	Flattening a Puckered Pentasilacyclopentadienide Ring by Suppression of the Pseudo Jahn-Teller Effect. <i>Organometallics</i> , 2010, 29, 3951-3954.	2.3	37
26	δ -Bonding in the [Pd ₄ (η^4 -C ₉ H ₉)(η^4 -C ₈ H ₈)] ⁺ sandwich complex. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12050.	2.8	36
27	All-Transition Metal Aromaticity and Antiaromaticity. <i>Structure and Bonding</i> , 2010, , 275-305.	1.0	35
28	Photoelectron Spectroscopy of Cold Hydrated Sulfate Clusters, SO ₄ ²⁻ (H ₂ O) _n (n = 4-7): Temperature-Dependent Isomer Populations. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5567-5576.	2.5	47
29	Probing the Electronic Stability of Multiply Charged Anions: Sulfonated Pyrene Tri- and Tetraanions. <i>Journal of the American Chemical Society</i> , 2009, 131, 9836-9842.	13.7	15
30	A Photoelectron Spectroscopic and Theoretical Study of B ₁₆ ⁻ and B ₁₆ ²⁻ : An All-Boron Naphthalene. <i>Journal of the American Chemical Society</i> , 2008, 130, 7244-7246.	13.7	264
31	Negative electron binding energies observed in a triply charged anion: Photoelectron spectroscopy of 1-hydroxy-3,6,8-pyrene-trisulfonate. <i>Journal of Chemical Physics</i> , 2008, 128, 091102.	3.0	13