

Alexander Ovsyannikov

List of Publications by Year in Descending Order

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

31
papers

261
citations

8
h-index

15
g-index

34
ext. papers

348
ext. citations

3.3
avg, IF

3.12
L-index

#	Paper	IF	Citations
31	Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands [new molecular traps for small volatile molecules. <i>CrystEngComm</i> , 2022 , 24, 330-340	3.3	0
30	Thiacalixarenes with Sulfur Functionalities at Lower Rim: Heavy Metal Ion Binding in Solution and 2D-Confined Space.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
29	Crystalline State Hydrogen Bonding of 2-(2-Hydroxybenzylidene)Thiazolo[3,2-a]Pyrimidines: A Way to Non-Centrosymmetric Crystals. <i>Crystals</i> , 2022 , 12, 494	2.3	2
28	New 3D Coordination Polymer Based on the Tetrapyridyl Derivative of Thiacalix[4]arene in the 1,3-Alternate Configuration and Hexanuclear Clusters of Monovalent Silver: Synthesis and Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022 , 48, 287-294	1.6	
27	Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021 , 90, 895-1167	16.7	15
26	Formation of Unsymmetrical Trinuclear Metallamacrocycles Based on Two Different Cone Calix[4]arene Macrocyclic Rings. <i>Crystals</i> , 2020 , 10, 364	2.3	3
25	Synthesis, Structure and Magnetic Properties of Mn ₂ Tb ₂ Tetranuclear Complex with p-tert-Butylthiacalix[4]arene. <i>Israel Journal of Chemistry</i> , 2020 , 60, 600-606	3.4	1
24	Mixed Tb/Dy coordination ladders based on tetra(carboxymethyl)thiacalix[4]arene: a new avenue towards luminescent molecular nanomagnets.. <i>RSC Advances</i> , 2020 , 10, 11755-11765	3.7	3
23	Photocatalytic properties of hybrid materials based on a multicharged polymer matrix with encored TiO ₂ and noble metal (Pt, Pd or Au) nanoparticles. <i>New Journal of Chemistry</i> , 2020 , 44, 7169-7174	2.6	4
22	Nuclearity control in calix[4]arene-based zinc(II) coordination complexes. <i>CrystEngComm</i> , 2020 , 22, 7693-7703	3.7	4
21	Photocatalytic properties of supramolecular nanoassociates based on gold and platinum nanoparticles, capped by amphiphilic calix[4]resorcinarenes, towards organic dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 596, 124700	5.1	7
20	Control of dimensionality in Manganese Coordination Polymers using rigid tetrahedral-shaped [1.1.1]metacyclophane ligands bearing benzoate coordinating sites: From homochiral 1D to 3D diamond-like structures. <i>Inorganic Chemistry Communication</i> , 2019 , 106, 197-201	3.1	7
19	Synthesis, crystal structures and high-temperature spin-crossover of new inclusion compounds of iron(II) tris (pyrazol-1-yl)methane complex with p -sulfonatocalix[4]arene. <i>Inorganica Chimica Acta</i> , 2018 , 476, 129-135	2.7	1
18	Synthesis of four new carboxylic derivatives based on the [1.1.1]metacyclophane backbone blocked in 1,3-Alternate conformation. <i>Tetrahedron Letters</i> , 2018 , 59, 1377-1381	2	2
17	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. <i>CrystEngComm</i> , 2018 , 20, 1130-1140	3.3	3
16	Synthesis of New Photoswitchable Tectons Based on Thiacalix[4]arene Azo Derivatives in the 1,3-Alternate Conformation. <i>Doklady Chemistry</i> , 2018 , 479, 31-35	0.8	
15	Gold nanoparticles, capped by carboxy-calix[4]resorcinarenes: effect of structure and concentration of macrocycles on the nanoparticles size and aggregation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018 , 92, 211-221	1.7	5

14	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1]metacyclophane and a silver cation. <i>Mendeleev Communications</i> , 2017 , 27, 260-262	1.9	6
13	Coordination Polymers based on calixarene derivatives: Structures and properties. <i>Coordination Chemistry Reviews</i> , 2017 , 352, 151-186	23.2	83
12	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptothiacalix[4]arene Bearing Benzoate Coordinating Groups. <i>Macroheterocycles</i> , 2017 , 10, 147-153	2.2	3
11	Coordination Compounds Based on Metacyclophane Derivatives. <i>Macroheterocycles</i> , 2017 , 10, 410-420	2.2	2
10	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. <i>CrystEngComm</i> , 2016 , 18, 691-703	3.3	14
9	Molecular Tectonics: 1D Tubular Type and 3D Diamond Like Mercury(II) Coordination Polymers Based on Pyridyl Appended p-tert-Butyltetrathiacalix[4]arene. <i>Macroheterocycles</i> , 2016 , 9, 17-22	2.2	3
8	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. <i>CrystEngComm</i> , 2016 , 18, 8622-8630	3.3	4
7	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1955-1962	1.7	8
6	Molecular Tectonics: Grid and Porous Coordination Networks Based on Combinations of Iron Thiocyanate and Pyridyl Appended Derivatives of Tetrathiacalix[4]arene and Tetramercaptotetrathiacalix[4]arene. <i>Macroheterocycles</i> , 2015 , 8, 113-119	2.2	5
5	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. <i>CrystEngComm</i> , 2014 , 16, 3765-3772	3.3	13
4	Molecular tectonics: anion control of dimensionality and connectivity in meta-pyridyl appended tetramercaptotetrathiacalix[4]arene based silver coordination networks. <i>Dalton Transactions</i> , 2014 , 43, 158-65	4.3	17
3	Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the Cone Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I). <i>Macroheterocycles</i> , 2014 , 7, 189-195	2.2	3
2	Molecular tectonics: pyridyl containing thiacalix[4]arene based tectons for the generation of 2- and 3-D silver coordination networks. <i>Dalton Transactions</i> , 2013 , 42, 116-26	4.3	26
1	Molecular tectonics: p-H-thiacalix[4]arene pyridyl appended positional isomers as tectons for the formation of 1D and 2D mercury coordination networks. <i>Dalton Transactions</i> , 2013 , 42, 9946-53	4.3	14