

Alexander Ovsyannikov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Coordination Polymers based on calixarene derivatives: Structures and properties. <i>Coordination Chemistry Reviews</i> , 2017, 352, 151-186.	9.5	106
2	Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021, 90, 895-1107.	2.5	93
3	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, 116-126.	1.6	29
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, 158-165.	1.6	19
5	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. <i>CrystEngComm</i> , 2016, 18, 691-703.	1.3	18
6	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.	1.6	14
7	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. <i>CrystEngComm</i> , 2014, 16, 3765-3772.	1.3	13
8	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.	0.4	11
9	Control of dimensionality in Manganese Coordination Polymers using rigid tetrahedral-shaped [1.1.1.1]metacyclophane ligands bearing benzoate coordinating sites: From homochiral 1D to 3D diamond-like structures. <i>Inorganic Chemistry Communication</i> , 2019, 106, 197-201.	1.8	10
10	Nuclearity control in calix[4]arene-based zinc(Zn^{2+}) coordination complexes. <i>CrystEngComm</i> , 2020, 22, 7693-7703.	1.3	10
11	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.	2.3	9
12	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.	0.9	8
13	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.	1.7	8
14	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, 2341.	1.8	7
15	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1.1]metacyclophane and a silver cation. <i>Mendeleev Communications</i> , 2017, 27, 260-262.	0.6	6
16	Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the Cone Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I). <i>Macrocyclic Chemistry</i> , 2014, 7, 189-195.	0.9	6
17	Impact of flexible succinate connectors on the formation of tetrasulfonylcalix[4]arene based Nano-sized polynuclear cages: structural diversity and induced chirality study. <i>CrystEngComm</i> , 0, .	1.3	6
18	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.	1.0	6

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19	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. <i>CrystEngComm</i> , 2016, 18, 8622-8630.	1.3	5
20	Formation of Unsymmetrical Trinuclear Metallamacrocycles Based on Two Different Cone Calix[4]arene Macrocyclic Rings. <i>Crystals</i> , 2020, 10, 364.	1.0	5
21	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.	1.4	5
22	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>Macrocyclics</i> , 2015, 8, 113-119.	0.9	5
23	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptotetrathiacalix[4]arene in the 1,3-alternate conformation. <i>CrystEngComm</i> , 2018, 20, 1130-1140.	1.3	4
24	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.	0.7	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.	1.0	3
26	Molecular Tectonics: 1D Tubular Type and 3D Diamond Like Mercury(II) Coordination Polymers Based on Pyridyl Appended p-tert-Butyltetrathiacalix[4]arene. <i>Macrocyclics</i> , 2016, 9, 17-22.	0.9	3
27	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptotetrathiacalix[4]arene Bearing Benzoate Coordinating Groups. <i>Macrocyclics</i> , 2017, 10, 147-153.	0.9	3
28	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.	1.3	3
29	Coordination Compounds Based on Metacyclophane Derivatives. <i>Macrocyclics</i> , 2017, 10, 410-420.	0.9	2
30	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.	1.2	1
31	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.	0.2	0
32	Photoswitchable Supramolecular Systems Based on Carboxyl Derivatives of Thiacalix[4]arene and Their Complexes with Zn(II) and Tb(III) Ions. <i>Macrocyclics</i> , 2018, 11, 173-180.	0.9	0
33	Cooperation Effect of Classical O-H...N and Non-Classical C-H...N Hydrogen Bonding at the Formation of Supramolecular Tubes Based on Novel 1,2,4-Triazolyl Derivative of Calix[4]arene in Crystalline Phase. <i>Macrocyclics</i> , 2019, 12, 324-330.	0.9	0
34	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.	0.3	0