Alexander Ovsyannikov

List of Publications by Citations

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	Coordination Polymers based on calixarene derivatives: Structures and properties. *Coordination Chemistry Reviews*, **2017**, 352, 151-186	23.2	83
30	Molecular tectonics: pyridyl containing thiacalix[4]arene based tectons for the generation of 2- and 3-D silver coordination networks. *Dalton Transactions*, **2013**, 42, 116-26	4.3	26
29	Molecular tectonics: anion control of dimensionality and connectivity in meta-pyridyl appended tetramercaptotetrathiacalix[4]arene based silver coordination networks. *Dalton Transactions*, **2014**, 43, 158-65	4.3	17
28	Functional supramolecular systems: design and applications. *Russian Chemical Reviews*, **2021**, 90, 895-1167	6.8	15
27	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. *CrystEngComm*, **2016**, 18, 691-703	3.3	14
26	Molecular tectonics: p-H-thiacalix[4]arene pyridyl appended positional isomers as tectons for the formation of 1D and 2D mercury coordination networks. *Dalton Transactions*, **2013**, 42, 9946-53	4.3	14
25	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. *CrystEngComm*, **2014**, 16, 3765-3772	3.3	13
24	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. *Russian Chemical Bulletin*, **2015**, 64, 1955-1962	1.7	8
23	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. *Inorganic Chemistry Communication*, **2019**, 106, 197-201	3.1	7
22	Photocatalytic properties of supramolecular nanoassociates based on gold and platinum nanoparticles, capped by amphiphilic calix[4]resorcinarenes, towards organic dyes. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 596, 124700	5.1	7
21	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1.1]metacyclophane and a silver cation. *Mendeleev Communications*, **2017**, 27, 260-262	1.9	6
20	Gold nanoparticles, capped by carboxy-calix[4]resorcinarenes: effect of structure and concentration of macrocycles on the nanoparticles size and aggregation. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2018**, 92, 211-221	1.7	5
19	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. *Macroheterocycles*, **2015**, 8, 113-119	2.2	5
18	Photocatalytic properties of hybrid materials based on a multicharged polymer matrix with encored TiO2 and noble metal (Pt, Pd or Au) nanoparticles. *New Journal of Chemistry*, **2020**, 44, 7169-7174	3.6	4
17	Nuclearity control in calix[4]arene-based zinc(II) coordination complexes. *CrystEngComm*, **2020**, 22, 7693-7703	3.3	4
16	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. *CrystEngComm*, **2016**, 18, 8622-8630	3.3	4
15	Formation of Unsymmetrical Trinuclear Metallamacrocycles Based on Two Different Cone Calix[4]arene Macrocyclic Rings. *Crystals*, **2020**, 10, 364	2.3	3

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14	Mixed Tb/Dy coordination ladders based on tetra(carboxymethyl)thiacalix[4]arene: a new avenue towards luminescent molecular nanomagnets.. *RSC Advances*, **2020**, 10, 11755-11765	3.7	3
13	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. *CrystEngComm*, **2018**, 20, 1130-1140	3.3	3
12	Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the Cone Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I). *Macroheterocycles*, **2014**, 7, 189-195	2.2	3
11	Molecular Tectonics: 1D Tubular Type and 3D Diamond Like Mercury(II) Coordination Polymers Based on Pyridyl Appended p-tert-Butyltetrathiacalix[4]arene. *Macroheterocycles*, **2016**, 9, 17-22	2.2	3
10	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptothiacalix[4]arene Bearing Benzoate Coordinating Groups. *Macroheterocycles*, **2017**, 10, 147-153	2.2	3
9	Synthesis of four new carboxylic derivatives based on the [1.1.1.1]metacyclophane backbone blocked in 1,3-Alternate conformation. *Tetrahedron Letters*, **2018**, 59, 1377-1381	2	2
8	Coordination Compounds Based on Metacyclophane Derivatives. *Macroheterocycles*, **2017**, 10, 410-420	2.2	2
7	Thiacalixarenes with Sulfur Functionalities at Lower Rim: Heavy Metal Ion Binding in Solution and 2D-Confined Space.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
6	Crystalline State Hydrogen Bonding of 2-(2-Hydroxybenzylidene)Thiazolo[3,2-a]Pyrimidines: A Way to Non-Centrosymmetric Crystals. *Crystals*, **2022**, 12, 494	2.3	2
5	Synthesis, Structure and Magnetic Properties of Mn2Tb2 Tetranuclear Complex with p-tert-Butylthiacalix[4]arene. *Israel Journal of Chemistry*, **2020**, 60, 600-606	3.4	1
4	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. *Inorganica Chimica Acta*, **2018**, 476, 129-135	2.7	1
3	Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands new molecular traps for small volatile molecules. *CrystEngComm*, **2022**, 24, 330-340	3.3	0
2	Synthesis of New Photoswitchable Tectons Based on Thiacalix[4]arene Azo Derivatives in the 1,3-Alternate Conformation. *Doklady Chemistry*, **2018**, 479, 31-35	0.8	
1	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. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2022**, 48, 287-294	1.6	