Ekaterina A Kovalenko

List of Publications by Citations

40 papers	627 citations	12 h-index	24 g-index
40 ext. papers	675 ext. citations	2.3 avg, IF	3.52 L-index

#	Paper	IF	Citations
40	Sandwich-type tetranuclear lanthanide complexes with cucurbit[6]uril: from molecular compounds to coordination polymers. *Inorganic Chemistry*, **2008**, 47, 8869-80	5.1	123
39	Tetranuclear Lanthanide Aqua Hydroxo Complexes with Macrocyclic Ligand Cucurbit[6]uril. *European Journal of Inorganic Chemistry*, **2008**, 2008, 416-424	2.3	83
38	Synthesis and crystal structures of PrIII and NdIII complexes with the macrocyclic cavitand cucurbit[6]uril. *Russian Chemical Bulletin*, **2006**, 55, 1566-1573	1.7	46
37	Synthesis and crystal structure of unprecedented oxo/hydroxo-bridged polynuclear gallium(III) aqua complexes. *Inorganic Chemistry*, **2005**, 44, 4133-5	5.1	44
36	Sc(III), Eu(III), and Gd(III) Complexes with Macrocyclic Cavitand Cucurbit[6]uril: Synthesis and Crystal Structures. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2005**, 31, 768-774	1.6	43
35	Use of the macrocyclic ligand cucurbit[6]uril for isolation of tetranuclear lanthanide aquahydroxo-carboxylate complexes from aqueous solutions. *Russian Chemical Bulletin*, **2006**, 55, 1956-1965	1.7	31
34	Synthesis and crystal structures of supramolecular compounds of polynuclear aluminum(III) aqua hydroxo complexes with cucurbit[6]uril. *Russian Chemical Bulletin*, **2006**, 55, 267-275	1.7	28
33	Supramolecular Adducts of Cucurbit[7]uril and Amino Acids in the Gas Phase. *Journal of the American Society for Mass Spectrometry*, **2016**, 27, 265-76	3.5	27
32	Synthesis and crystal structure of a supramolecular adduct of the aqua nitrato complex of gadolinium [Gd(NO3)(H2O)7]2+ with macrocyclic cavitand cucurbit[6]uril. *Journal of Structural Chemistry*, **2007**, 48, 547-551	0.9	23
31	Macrocyclic cavitands cucurbit[n]urils: prospects for application in biochemistry, medicine and nanotechnology. *Russian Chemical Reviews*, **2016**, 85, 795-816	6.8	21
30	Chemical and biological properties of a supramolecular complex of tuftsin and cucurbit[7]uril. *International Immunopharmacology*, **2017**, 47, 199-205	5.8	17
29	Supramolecular approach to crystallization of polynuclear chromium(III) aqua hydroxo complexes: synthesis and crystal structures of complexes [Cr2(OH)2(H2O)8]4+ and [Cr4(OH)6(H2O)12]6+ with cucurbit[n]uril (n = 7, 8). *Russian Chemical Bulletin*, **2007**, 56, 1972-1977	1.7	17
28	Coordination networks and supramolecular assemblies based on barium cation complexes with cucurbit[6]uril. *Polyhedron*, **2018**, 144, 158-165	2.7	12
27	Synthesis and crystal structure of (H3O)2{(Na2(OH)CB[5])2[HV4O12]}Cl ·14H2O. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2011**, 37, 137-142	1.6	11
26	Synthesis, crystal structures, and properties of [Ca(H2O)2(Dmf@CB[6])(Bdc)] ·DMF ·4H2O and [Ca(H2O)3(Dmf@CB[6])]Cl2 ·2H2O. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2012**, 38, 379-385	1.6	9
25	Supramolecular System of Aminoacids and Cucurbit[7]uril: NMR Studies in Solution. *Applied Magnetic Resonance*, **2015**, 46, 281-293	0.8	8
24	Synthesis and crystal structure of the complex [Mg(H2O)6](bdc)CB[6]·14H2O and the inclusion compound [dmf@CB[6]]·3HCOOH·4H2O. *Journal of Structural Chemistry*, **2014**, 55, 1448-1452	0.9	8

23	Synthesis and crystal structure of [Na2(μ-H2O)(H2O)CB[5]]Cl2 ·6H2O, [Na3(μ-H2O)4(H2O)4(CNPy@CB[6])]Cl3 ·8H2O, and [Rb2(μ-H2O)2(CNPy@CB[6])]Cl ·8H2O. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2012**, 38, 153-158	1.6	7
22	Cucurbit[8]uril-based inclusion compounds containing iron(II), cobalt(III), and nickel(II) complexes with cyclam and cyclen as guest molecules: Synthesis and crystal structures. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2011**, 37, 161-167	1.6	7
21	Theoretical study of host–guest interactions in complexes of cucurbit[7]uril with protonated amino acids. *Supramolecular Chemistry*, **2016**, 28, 857-863	1.8	6
20	Synthesis and crystal structure of the complex [Mg(H2O)2(dmf@CB[6])(bdc)]·DMF·4H2O and the inclusion compound [dmf@CB[6]]·8H2O. *Russian Chemical Bulletin*, **2014**, 63, 64-67	1.7	6
19	Supramolecular chemistry of macrocyclic cavitand cucurbit[7]uril with isoleucine. *Russian Chemical Bulletin*, **2015**, 64, 1906-1911	1.7	6
18	Interaction between carboplatin and cucurbit[7]uril studied by means of multinuclear NMR spectroscopy and DFT calculations. *Journal of Molecular Structure*, **2018**, 1163, 68-76	3.4	5
17	Synthesis and crystal structure of the coordination polymer [{Li(H2O)3}2(C36H36N24O12)]Cl2·8H2O. *Russian Chemical Bulletin*, **2018**, 67, 127-130	1.7	4
16	Crystal Structure of Binuclear Bismuth Complex [H2dabco]2[Bi2Br10]·4H2O. *Journal of Structural Chemistry*, **2018**, 59, 193-196	0.9	4
15	Features of the microstructure of gold nanoparticles inside cavities of cucurbit[7]uril according to XAFS spectra. *JETP Letters*, **2013**, 97, 285-289	1.2	4
14	Inclusion compounds of the copper(ii) and zinc(ii) complexes with cyclam in cucurbit[8]uril: synthesis and structure. *Russian Chemical Bulletin*, **2011**, 60, 841-848	1.7	4
13	The Effect of Cucurbit[7]uril on the Antitumor and Immunomodulating Properties of Oxaliplatin and Carboplatin. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
12	Crystal structure of binuclear bismuth complexes [H2dabco]2[Bi2Cl10]·2H2O and (H3O)2[H2dabco]4[Bi2Br10][BiBr6]2·4.5H2O. *Journal of Structural Chemistry*, **2017**, 58, 591-596	0.9	3
11	Synthesis and crystal structures of new lanthanide isonicotinates: coordination polymers and molecular complexes. *Russian Chemical Bulletin*, **2009**, 58, 1858-1865	1.7	3
10	Inclusion compounds of cucurbit[8]uril with noble metal polyamine complexes. *Russian Chemical Bulletin*, **2010**, 59, 2072-2080	1.7	3
9	Evaluation of the Immunosafety of Cucurbit[n]uril on Peripheral Blood Mononuclear Cells In Vitro. *Molecules*, **2020**, 25,	4.8	3
8	Structure and dimensions of gold clusters in cucurbit[n]uril (CB[n], n = 6, 7) cavities. *Journal of Surface Investigation*, **2015**, 9, 1031-1038	0.5	2
7	Assessment of the Biocompatibility of Cucurbiturils in Blood Cells. *Nanomaterials*, **2021**, 11,	5.4	2
6	Zinc and Cobalt Aqua Complexes with Cucurbit[6]uril: Syntheses and Crystal Structures. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 433-438	1.6	1

5	Diffusion behavior of copper atoms under Cu(II) reduction in Cucurbit[8]uril cavity at elevated temperatures. *Journal of Solid State Chemistry*, **2015**, 221, 202-207	3.3	1
4	Synthesis and crystal structure of [Fe4O2(H2O)10(C5H5NCOO)4](NO3)8 □2H2O. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2009**, 35, 908-911	1.6	1
3	Supramolecular chain-like polymers based on Ln(III) aqua complexes and cucurbituril. *Inorganica Chimica Acta*, **2022**, 121021	2.7	0
2	An EPR study of the transformation of Ni(cyclam)@CB[8] and Ni(cyclen)@CB[8] inclusion compounds during annealing in a hydrogen atmosphere. *Journal of Structural Chemistry*, **2013**, 54, 92-96	0.9	
1	State of water in CB[6] and CB[8] cavitands. *Russian Chemical Bulletin*, **2013**, 62, 2109-2115	1.7	