

Ekaterina A Kovalenko

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.

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	Supramolecular chain-like polymers based on Ln(III) aqua complexes and cucurbituril. <i>Inorganica Chimica Acta</i> , 2022 , 121021	2.7	0
39	Assessment of the Biocompatibility of Cucurbiturils in Blood Cells. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
38	The Effect of Cucurbit[7]uril on the Antitumor and Immunomodulating Properties of Oxaliplatin and Carboplatin. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
37	Evaluation of the Immunosafety of Cucurbit[n]uril on Peripheral Blood Mononuclear Cells In Vitro. <i>Molecules</i> , 2020 , 25,	4.8	3
36	Zinc and Cobalt Aqua Complexes with Cucurbit[6]uril: Syntheses and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 433-438	1.6	1
35	Interaction between carboplatin and cucurbit[7]uril studied by means of multinuclear NMR spectroscopy and DFT calculations. <i>Journal of Molecular Structure</i> , 2018 , 1163, 68-76	3.4	5
34	Synthesis and crystal structure of the coordination polymer $[\text{Li}(\text{H}_2\text{O})_3]_2(\text{C}_3\text{H}_6\text{N}_4\text{O}_6)_2 \cdot 2\text{H}_2\text{O}$. <i>Russian Chemical Bulletin</i> , 2018 , 67, 127-130	1.7	4
33	Coordination networks and supramolecular assemblies based on barium cation complexes with cucurbit[6]uril. <i>Polyhedron</i> , 2018 , 144, 158-165	2.7	12
32	Crystal Structure of Binuclear Bismuth Complex $[\text{H}_2\text{dabco}]_2[\text{Bi}_2\text{Br}_{10}] \cdot 4\text{H}_2\text{O}$. <i>Journal of Structural Chemistry</i> , 2018 , 59, 193-196	0.9	4
31	Chemical and biological properties of a supramolecular complex of tuftsin and cucurbit[7]uril. <i>International Immunopharmacology</i> , 2017 , 47, 199-205	5.8	17
30	Crystal structure of binuclear bismuth complexes $[\text{H}_2\text{dabco}]_2[\text{Bi}_2\text{Cl}_{10}] \cdot 2\text{H}_2\text{O}$ and $(\text{H}_3\text{O})_2[\text{H}_2\text{dabco}]_4[\text{Bi}_2\text{Br}_{10}][\text{BiBr}_6] \cdot 4.5\text{H}_2\text{O}$. <i>Journal of Structural Chemistry</i> , 2017 , 58, 591-596	0.9	3
29	Theoretical study of host-guest interactions in complexes of cucurbit[7]uril with protonated amino acids. <i>Supramolecular Chemistry</i> , 2016 , 28, 857-863	1.8	6
28	Supramolecular Adducts of Cucurbit[7]uril and Amino Acids in the Gas Phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 265-76	3.5	27
27	Macrocyclic cavities cucurbit[n]urils: prospects for application in biochemistry, medicine and nanotechnology. <i>Russian Chemical Reviews</i> , 2016 , 85, 795-816	6.8	21
26	Supramolecular System of Aminoacids and Cucurbit[7]uril: NMR Studies in Solution. <i>Applied Magnetic Resonance</i> , 2015 , 46, 281-293	0.8	8
25	Structure and dimensions of gold clusters in cucurbit[n]uril (CB[n], n = 6, 7) cavities. <i>Journal of Surface Investigation</i> , 2015 , 9, 1031-1038	0.5	2
24	Diffusion behavior of copper atoms under Cu(II) reduction in Cucurbit[8]uril cavity at elevated temperatures. <i>Journal of Solid State Chemistry</i> , 2015 , 221, 202-207	3.3	1

23	Supramolecular chemistry of macrocyclic cavitand cucurbit[7]uril with isoleucine. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1906-1911	1.7	6
22	Synthesis and crystal structure of the complex $[Mg(H_2O)_2(dmf@CB[6])(bdc)] \cdot 4DMF \cdot 4H_2O$ and the inclusion compound $[dmf@CB[6]] \cdot 8H_2O$. <i>Russian Chemical Bulletin</i> , 2014 , 63, 64-67	1.7	6
21	Synthesis and crystal structure of the complex $[Mg(H_2O)_6](bdc)CB[6] \cdot 4H_2O$ and the inclusion compound $[dmf@CB[6]] \cdot 8HCOOH \cdot 4H_2O$. <i>Journal of Structural Chemistry</i> , 2014 , 55, 1448-1452	0.9	8
20	Features of the microstructure of gold nanoparticles inside cavities of cucurbit[7]uril according to XAFS spectra. <i>JETP Letters</i> , 2013 , 97, 285-289	1.2	4
19	An EPR study of the transformation of $Ni(cyclam)@CB[8]$ and $Ni(cyclen)@CB[8]$ inclusion compounds during annealing in a hydrogen atmosphere. <i>Journal of Structural Chemistry</i> , 2013 , 54, 92-96 ^{0.9}		
18	State of water in $CB[6]$ and $CB[8]$ cavitands. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2109-2115	1.7	
17	Synthesis and crystal structure of $[Na_2(H_2O)(H_2O)CB[5]]Cl_2 \cdot 6H_2O$, $[Na_3(H_2O)_4(H_2O)_4(CNPY@CB[6])]Cl_3 \cdot 8H_2O$, and $[Rb_2(H_2O)_2(CNPY@CB[6])]Cl \cdot 8H_2O$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 153-158	1.6	7
16	Synthesis, crystal structures, and properties of $[Ca(H_2O)_2(Dmf@CB[6])(Bdc)] \cdot 4DMF \cdot 4H_2O$ and $[Ca(H_2O)_3(Dmf@CB[6])]Cl_2 \cdot 2H_2O$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 379-385	1.6	9
15	Synthesis and crystal structure of $(H_3O)_2\{(Na_2(OH)CB[5])_2[HV_4O_{12}]\}Cl \cdot 14H_2O$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 137-142	1.6	11
14	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. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 161-167	1.6	7
13	Inclusion compounds of the copper(ii) and zinc(ii) complexes with cyclam in cucurbit[8]uril: synthesis and structure. <i>Russian Chemical Bulletin</i> , 2011 , 60, 841-848	1.7	4
12	Inclusion compounds of cucurbit[8]uril with noble metal polyamine complexes. <i>Russian Chemical Bulletin</i> , 2010 , 59, 2072-2080	1.7	3
11	Synthesis and crystal structures of new lanthanide isonicotinate: coordination polymers and molecular complexes. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1858-1865	1.7	3
10	Synthesis and crystal structure of $[Fe_4O_2(H_2O)_{10}(C_5H_5NCOO)_4](NO_3)_8 \cdot 2H_2O$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009 , 35, 908-911	1.6	1
9	Sandwich-type tetranuclear lanthanide complexes with cucurbit[6]uril: from molecular compounds to coordination polymers. <i>Inorganic Chemistry</i> , 2008 , 47, 8869-80	5.1	123
8	Tetranuclear Lanthanide Aqua Hydroxo Complexes with Macrocyclic Ligand Cucurbit[6]uril. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 416-424	2.3	83
7	Supramolecular approach to crystallization of polynuclear chromium(III) aqua hydroxo complexes: synthesis and crystal structures of complexes $[Cr_2(OH)_2(H_2O)_8]^{4+}$ and $[Cr_4(OH)_6(H_2O)_{12}]^{6+}$ with cucurbit[n]uril (n = 7, 8). <i>Russian Chemical Bulletin</i> , 2007 , 56, 1972-1977	1.7	17
6	Synthesis and crystal structure of a supramolecular adduct of the aqua nitrate complex of gadolinium $[Gd(NO_3)(H_2O)_7]^{2+}$ with macrocyclic cavitand cucurbit[6]uril. <i>Journal of Structural Chemistry</i> , 2007 , 48, 547-551	0.9	23

5	Synthesis and crystal structures of supramolecular compounds of polynuclear aluminum(III) aqua hydroxo complexes with cucurbit[6]uril. <i>Russian Chemical Bulletin</i> , 2006 , 55, 267-275	1.7	28
4	Synthesis and crystal structures of Pr(III) and Nd(III) complexes with the macrocyclic cavitand cucurbit[6]uril. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1566-1573	1.7	46
3	Use of the macrocyclic ligand cucurbit[6]uril for isolation of tetranuclear lanthanide aquahydroxo-carboxylate complexes from aqueous solutions. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1956-1965	1.7	31
2	Synthesis and crystal structure of unprecedented oxo/hydroxo-bridged polynuclear gallium(III) aqua complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 4133-5	5.1	44
1	Sc(III), Eu(III), and Gd(III) Complexes with Macrocyclic Cavitand Cucurbit[6]uril: Synthesis and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 768-774	1.6	43