

Ekaterina Y Chernikova

List of Publications by Year in descending order

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18
papers

195
citations

1163117

8
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Cucurbit[7]uril Complexes of Crown-Ether Derived Styryl and (Bis)styryl Dyes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10149-10158.	2.6	32
2	Self-assembly of a ternary architecture driven by cooperative Hg ²⁺ ion binding between cucurbit[7]uril and crown ether macrocyclic hosts. <i>Chemical Communications</i> , 2012, 48, 7256.	4.1	27
3	Light-induced piston nanoengines: ultrafast shuttling of a styryl dye inside cucurbit[7]uril. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25834-25839.	2.8	24
4	Cucurbiturils in nucleic acids research. <i>Chemical Communications</i> , 2020, 56, 15360-15376.	4.1	21
5	Cucurbituril as a new "host" of organic molecules in inclusion complexes. <i>Russian Chemical Bulletin</i> , 2012, 61, 1363-1390.	1.5	17
6	Photoinduced guest transformation promotes translocation of guest from hydroxypropyl- β -cyclodextrin to cucurbit[7]uril. <i>Chemical Communications</i> , 2015, 51, 1349-1352.	4.1	14
7	Multistep assembling via intermolecular interaction between (bis)styryl dye and cucurbit[7]uril: Spectral effects and host sliding motion. <i>Dyes and Pigments</i> , 2016, 131, 206-214.	3.7	13
8	Cucurbit[7]uril-driven modulation of ligand-DNA interactions by ternary assembly. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 755-766.	2.8	11
9	Self-sorting processes in a stimuli-responsive supramolecular systems based on cucurbituril, cyclodextrin and bisstyryl guests. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 94, 201-210.	1.6	5
10	Encapsulation-Controlled Photoisomerization of a Styryl Derivative: Stereoselective Formation of the Anti Z Isomer in the Cucurbit[7]uril Cavity. <i>ChemPhysChem</i> , 2020, 21, 442-449.	2.1	5
11	Reversible ON-OFF switching of FRET effect in the functionalized CB[6]-guest complex via photoisomerization. <i>Dyes and Pigments</i> , 2021, 189, 109194.	3.7	5
12	Effective Stabilization of cis-Isomer of Styryl Dye inside the Cucurbit[7]uril Cavity. <i>Macrocyclic Chemistry</i> , 2013, 6, 234-239.	0.5	5
13	Energy transfer process in an unsymmetrical crown-containing bisstyryl dye incorporated in the cavities of CB[7] and 2-hydroxypropyl- β -CD. <i>New Journal of Chemistry</i> , 2020, 44, 9344-9354.	2.8	4
14	Heteroleptic Lanthanide Complexes Coordinated by Tripodal Tetradentate Ligand: Synthesis, Structure, and Magnetic and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2020, 20, 5184-5192.	3.0	4
15	Photoisomerization of crown-containing styrylbenzothiazole and styrylquinoline in complexes with hydroxypropyl- β -cyclodextrin. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2013, 49, 181-188.	1.1	3
16	Synthesis, structure and metal ion coordination of novel benzodiazamacrocyclic ligands bearing pyridyl and picolinate pendant side-arms. <i>New Journal of Chemistry</i> , 2019, 43, 15072-15086.	2.8	3
17	Specific features of reversible E ⁺ Z-photoisomerization of crown-containing 4-styrylpyridine complexes with various cations. <i>Russian Chemical Bulletin</i> , 2008, 57, 2385-2393.	1.5	2
18	Self-organization of crown-containing hetarylphenylethenes, phthalic acid, and potassium cations into supramolecular assemblies. <i>Russian Chemical Bulletin</i> , 2011, 60, 280-294.	1.5	0