Stephan S Basok

List of Publications by Year
in descending order

47 papers	361 citations	840776 11 h-index	888059 17 g-index
47 all docs	47 docs citations	47 times ranked	368 citing authors

#	Article	IF	Citations
1	Controlled self-assembly of bis(crown)stilbenes into unusual bis-sandwich complexes: structure and stereoselective [2+2] photocycloaddition. New Journal of Chemistry, 2011, 35, 724.	2.8	45
2	Synthesis and Structure of Bis-crown-Containing Stilbenes. Russian Journal of Organic Chemistry, 2005, 41, 843-854.	0.8	26
3	Macroheterocycles. Part 44. Facile synthesis of azacrown ethers and cryptands in a two-phase system. Journal of the Chemical Society Perkin Transactions 1, 1988, , 3141.	0.9	25
4	Macroheterocycles; XXI. The Phase-Transfer Synthesis of Azacrown Ethers. Synthesis, 1984, 1984, 138-138.	2.3	20
5	Structural Study of Salicylic Acid Salts of a Series of Azacycles and Azacrown Ethers. Crystal Growth and Design, 2010, 10, 5210-5220.	3.0	20
6	Two new â€œoniumâ€•fluorosilicates, the products of interaction of fluorosilicic acid with 12-membered macrocycles: structures and spectroscopic properties. Dalton Transactions, 2007, , 2915-2924.	3.3	17
7	Stereoselective [2+2] photocycloaddition in bispseudosandwich complexes of bis(18-crown-6) stilbene with alkanediammonium ions. Russian Chemical Bulletin, 2009, 58, 108-114.	1.5	17
8	Crown-templated assembling of the inorganic binuclear fluoro-containing anions in the system ZrO2/HfO2 (Nb2O5/Ta2O5)â€“HFâ€“H2O-azacrown ether. Polyhedron, 2008, 27, 2049-2058.	2.2	15
9	Design of crystal packings of styrylheterocycles and [2+2] photocycloaddition reactions in their single crystals 6. Synthesis and crystal packings of neutral crown-containing and model styrylheterocycles. Russian Chemical Bulletin, 2009, 58, 1192-1210.	1.5	13
10	Binding of fluoro-containing anions to hexaazamacrocyclic ligand: Competitive interactions of fluoride and tetrafluoroborate anions with hexaprotonated [18]aneN6. Inorganic Chemistry Communication, 2008, 11, 497-501.	3.9	12
11	Structure of Dibenzocrown Ethers and their H-Bonded Adducts. 2. Structure Peculiarities of Supramolecular Assemblages Formed by [1.5]Dibenzo-18-Crown-6 and Some NH-Donors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2005, 52, 63-74.	1.6	11
12	Supramolecular associates of para-aminobenzoic acid with N- and N,O-heterocyclic molecules. New Journal of Chemistry, 2007, 31, 561.	2.8	10
13	Tetrabenzylcyclen as a receptor for fluoride. CrystEngComm, 2011, 13, 3682.	2.6	10
14	Luminescence determination of sodium and potassium using molecular sensors on the basis of terbium(III) complexes of 4-carboxybenzocrown ethers. Journal of Analytical Chemistry, 2011, 66, 158-165.	0.9	9
15	Macroheterocycles; XXXIX.1A Convenient Synthesis of Polyaza-oxa Cryptands. Synthesis, 1988, 1988, 335-336.	2.3	8
16	Synthesis and crystal structure of cis and trans complexes of benzodithia-18(21)-crown-6(7) ethers with PdCl2. Mendeleev Communications, 2009, 19, 21-23.	1.6	8
17	The 1:2 and 1:1 molecular complexes of N,Nâ€²-dibenzyl-4,13-diaza-18-crown-6 with 4-nitrobenzenesulfonamide and dithiooxamide. Journal of Molecular Structure, 2006, 794, 110-114.	3.6	7
18	Conformational mobility of 7,16-bis(4-methoxybenzyl)-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane in molecular and proton-transfer complexes: X-ray and DFT studies. New Journal of Chemistry, 2009, 33, 1646.	2.8	7

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19	Synthesis of monoazacrown ethers under phase-transfer catalysis. Russian Journal of Organic Chemistry, 2012, 48, 1345-1352.	0.8	7
20	Host-guest complexes of nitro-substituted N-alkylbenzoaza-18-crowns-6. Russian Journal of Organic Chemistry, 2011, 47, 1101-1114.	0.8	6
21	Specific features of the reduction of disubstituted amide derivatives of p-tert-butylcalix[4]arene. Russian Journal of Organic Chemistry, 2013, 49, 1035-1041.	0.8	6
22	Macroheterocycles. 51. Synthesis of macrocyclic polyamines in a biphasic system. Chemistry of Heterocyclic Compounds, 1990, 26, 346-349.	1.2	5
23	A new phase of 7,16-dibenzyl-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane, and 7,16-dibenzyl-1,4,10,13-tetraoxa-7,16-diazoniacyclooctadecane bis(tetrafluoroborate) monohydrate, both determined at 123â€…K. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o188-o192.	0.4	5
24	Synthesis, metal ion binding, and photochromic properties of benzo- and naphthopyrans annelated by crown ether moieties. Tetrahedron, 2012, 68, 7873-7883.	1.9	5
25	Polymer-supported aza-15-crown-5 as effective catalyst for phase-transfer reactions. Polymer Bulletin, 1989, 22, 261-264.	3.3	4
26	A Practical Synthesis of Benzocrown Ethers under Phase-Transfer Catalysis Conditions. Synthesis, 2002, 2002, 2266-2270.	2.3	4
27	From chains to ladders in co-crystals with 2,3-thiophene-15-crown-5, 2,3-naphtho-15-crown-5, and bis-(18-crown-6)-stilbene constructed by weak hydrogen bonding. CrystEngComm, 2011, 13, 674-683.	2.6	4
28	p-tert-butylcalix[4]arenes containing azacrown ether substituents at the lower rim as potential polytopic receptors. Russian Journal of General Chemistry, 2013, 83, 1738-1743.	0.8	4
29	The effect of the structure of derivatives of nitrogen-containing heterocycles on their anti-influenza activity. Chemistry of Heterocyclic Compounds, 2019, 55, 455-462.	1.2	4
30	Synthesis of calix[4]arene-crown-6 with alkoxysilyl-containing substituents. Russian Journal of Organic Chemistry, 2008, 44, 348-352.	0.8	3
31	New synthetic approach to aminoethoxy derivatives of p-(tert-butyl)calix[4]arene. Russian Journal of Organic Chemistry, 2011, 47, 527-529.	0.8	3
32	Macroheterocyclic compounds. XXIII. Antihypoxic and antiamnestic properties of azacrown ethers with pharmacophore groups. Pharmaceutical Chemistry Journal, 1985, 19, 403-405.	0.8	2
33	Synthesis and Complex-Forming Properties of N-Substituted Diazacrown Ethers. Russian Journal of General Chemistry, 2003, 73, 1919-1924.	0.8	2
34	New methods for the synthesis of (aza)crowncalix[4]arenas. Mendeleev Communications, 2005, 15, 122-123.	1.6	2
35	Synthesis and Complexing Properties of N,Nâ€²-Bis(2-hydroxyethyl) Diaza Crown Ethers. Russian Journal of General Chemistry, 2005, 75, 628-631.	0.8	2
36	Hierarchy of hydrogen bonding in bis(1,4,7-trioxa-10-azoniacyclododecane) bis(4-aminobenzoate) trihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o50-o52.	0.4	2

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37	Facile synthesis of cone p-tert-butylcalix[4]arene-crown conformers. Mendeleev Communications, 2007, 17, 330-331.	1.6	2
38	Synthesis of derivatives of p-tert-butylcalix[4]arene containing on lower rim fragments of 2-aminoalkylbenzimidazoles. Russian Journal of Organic Chemistry, 2010, 46, 1403-1408.	0.8	2
39	4-tert-Butylcalix[4]arenes containing azacrown ether substituents at the narrow rim as membrane carriers. Russian Chemical Bulletin, 2015, 64, 905-908.	1.5	2
40	Psychotropic properties of aza-15-crown-5 derivatives with pharmacophoric groups. Pharmaceutical Chemistry Journal, 1988, 22, 444-447.	0.8	1
41	The role of copper ions in Tb(III) luminescence sensitization in heterometallic complexes with podands. Russian Journal of Inorganic Chemistry, 2016, 61, 872-876.	1.3	1
42	Synthesis and Antiviral Activity of Diaza-18-crown-6 Derivatives with the Fragments of 4-Aminomethylbenzoic and 6-Aminocaproic Acids. Macroheterocycles, 2018, 11, 442-448.	0.5	1
43	Synthesis and Extraction Properties of p-tert-Butylcalix[4]arenes with Crown-5 Ether Substituents. Macroheterocycles, 2017, 10, 221-225.	0.5	1
44	STRUCTURE AND SPECTRAL-LUMUINESCENT PROPERTIES OF LANTHANIDE-CONTAINING COMPLEXES WITH AZACROWN CALIXARENES. Ukrainian Chemistry Journal, 2021, 87, 103-115.	0.5	1
45	Macroheterocycles. IV. Synthesis and analogesic activity of crown ethers containing leu-enkephalin and thyroliberin groups. Pharmaceutical Chemistry Journal, 1992, 26, 446-450.	0.8	0
46	Studies on the carbodiimideâ€mediated model couplings of Zâ€Proâ€Leuâ€OH with benzoazaâ€15â€crownâ€5. International Journal of Peptide and Protein Research, 1993, 42, 20-23.	0.1	0
47	Testing of the mutagenic potential of N-(Î³-aminobuturyl)-1-aza-15-crown-5 hydrochloride in Ames test microplate modification. Farmatsevtychnyi Zhurnal, 2019, , 81-87.	0.4	0