

# Stephan S Basok

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/664745/publications.pdf>

Version: 2024-02-01

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	STRUCTURE AND SPECTRAL-LUMINESCENT PROPERTIES OF LANTHANIDE-CONTAINING COMPLEXES WITH AZACROWN CALIXARENES. Ukrainian Chemistry Journal, 2021, 87, 103-115.	0.5	1
2	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
3	Testing of the mutagenic potential of N-( $\beta^3$ -aminobutyryl)-1-aza-15-crown-5 hydrochloride in Ames test microplate modification. Farmatsychnyi Zhurnal, 2019, , 81-87.	0.4	0
4	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
5	Synthesis and Extraction Properties of p-tert-Butylcalix[4]arenes with Crown-5 Ether Substituents. Macroheterocycles, 2017, 10, 221-225.	0.5	1
6	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
7	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
8	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
9	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
10	Synthesis, metal ion binding, and photochromic properties of benzo- and naphthopyrans annelated by crown ether moieties. Tetrahedron, 2012, 68, 7873-7883.	1.9	5
11	Synthesis of monoazacrown ethers under phase-transfer catalysis. Russian Journal of Organic Chemistry, 2012, 48, 1345-1352.	0.8	7
12	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
13	Tetrabenzylcyclen as a receptor for fluoride. CrystEngComm, 2011, 13, 3682.	2.6	10
14	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
15	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
16	Host-guest complexes of nitro-substituted N-alkylbenzoaza-18-crowns-6. Russian Journal of Organic Chemistry, 2011, 47, 1101-1114.	0.8	6
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Structural Study of Salicylic Acid Salts of a Series of Azacycles and Azacrown Ethers. <i>Crystal Growth and Design</i> , 2010, 10, 5210-5220.	3.0	20
20	Stereoselective [2+2] photocycloaddition in bispseudosandwich complexes of bis(18-crown-6) stilbene with alkanediammonium ions. <i>Russian Chemical Bulletin</i> , 2009, 58, 108-114.	1.5	17
21	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. <i>Russian Chemical Bulletin</i> , 2009, 58, 1192-1210.	1.5	13
22	Synthesis and crystal structure of cis and trans complexes of benzodithia-18(21)-crown-6(7) ethers with PdCl <sub>2</sub> . <i>Mendeleev Communications</i> , 2009, 19, 21-23.	1.6	8
23	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. <i>New Journal of Chemistry</i> , 2009, 33, 1646.	2.8	7
24	Crown-templated assembling of the inorganic binuclear fluoro-containing anions in the system ZrO <sub>2</sub> /HfO <sub>2</sub> (Nb <sub>2</sub> O <sub>5</sub> /Ta <sub>2</sub> O <sub>5</sub> )â€“HFâ€“H <sub>2</sub> O-azacrown ether. <i>Polyhedron</i> , 2008, 27, 2049-2058.	2.2	15
25	Binding of fluoro-containing anions to hexaazamacrocyclic ligand: Competitive interactions of fluoride and tetrafluoroborate anions with hexaprotonated [18]aneN <sub>6</sub> . <i>Inorganic Chemistry Communication</i> , 2008, 11, 497-501.	3.9	12
26	Synthesis of calix[4]arene-crown-6 with alkoxysilyl-containing substituents. <i>Russian Journal of Organic Chemistry</i> , 2008, 44, 348-352.	0.8	3
27	Two new â€œoniumâ€“fluorosilicates, the products of interaction of fluorosilicic acid with 12-membered macrocycles: structures and spectroscopic properties. <i>Dalton Transactions</i> , 2007, , 2915-2924.	3.3	17
28	Facile synthesis of cone p-tert-butylcalix[4]arene-crown conformers. <i>Mendeleev Communications</i> , 2007, 17, 330-331.	1.6	2
29	Supramolecular associates of para-aminobenzoic acid with N- and N,O-heterocyclic molecules. <i>New Journal of Chemistry</i> , 2007, 31, 561.	2.8	10
30	Hierarchy of hydrogen bonding in bis(1,4,7-trioxa-10-azoniacyclododecane) bis(4-aminobenzoate) trihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o50-o52.	0.4	2
31	The 1:2 and 1:1 molecular complexes of N,Nâ€“2-dibenzyl-4,13-diaza-18-crown-6 with 4-nitrobenzenesulfonamide and dithioamide. <i>Journal of Molecular Structure</i> , 2006, 794, 110-114.	3.6	7
32	New methods for the synthesis of (aza)crown-calix[4]arenes. <i>Mendeleev Communications</i> , 2005, 15, 122-123.	1.6	2
33	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. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 52, 63-74.	1.6	11
34	Synthesis and Complexing Properties of N,Nâ€“2-Bis(2-hydroxyethyl) Diaza Crown Ethers. <i>Russian Journal of General Chemistry</i> , 2005, 75, 628-631.	0.8	2
35	Synthesis and Structure of Bis-crown-Containing Stilbenes. <i>Russian Journal of Organic Chemistry</i> , 2005, 41, 843-854.	0.8	26
36	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. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o188-o192.	0.4	5

#	ARTICLE	IF	CITATIONS
37	Synthesis and Complex-Forming Properties of N-Substituted Diazacrown Ethers. Russian Journal of General Chemistry, 2003, 73, 1919-1924.	0.8	2
38	A Practical Synthesis of Benzocrown Ethers under Phase-Transfer Catalysis Conditions. Synthesis, 2002, 2002, 2266-2270.	2.3	4
39	Studies on the carbodiimide-mediated model couplings of Z-Pro-Leu-OH with benzoaza-15-crown-5. International Journal of Peptide and Protein Research, 1993, 42, 20-23.	0.1	0
40	Macroheterocycles. IV. Synthesis and analgesic activity of crown ethers containing leu-enkephalin and thyroliberin groups. Pharmaceutical Chemistry Journal, 1992, 26, 446-450.	0.8	0
41	Macroheterocycles. 51. Synthesis of macrocyclic polyamines in a biphasic system. Chemistry of Heterocyclic Compounds, 1990, 26, 346-349.	1.2	5
42	Polymer-supported aza-15-crown-5 as effective catalyst for phase-transfer reactions. Polymer Bulletin, 1989, 22, 261-264.	3.3	4
43	Psychotropic properties of aza-15-crown-5 derivatives with pharmacophoric groups. Pharmaceutical Chemistry Journal, 1988, 22, 444-447.	0.8	1
44	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
45	Macroheterocycles; XXXIX.1A Convenient Synthesis of Polyaza-oxa Cryptands. Synthesis, 1988, 1988, 335-336.	2.3	8
46	Macroheterocyclic compounds. XXIII. Antihypoxic and anti-amnesic properties of azacrown ethers with pharmacophore groups. Pharmaceutical Chemistry Journal, 1985, 19, 403-405.	0.8	2
47	Macroheterocycles; XXI. The Phase-Transfer Synthesis of Azacrown Ethers. Synthesis, 1984, 1984, 138-138.	2.3	20