

Sergiy O Cherenok

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9903406/publications.pdf>

Version: 2024-02-01

26
papers

320
citations

1163117

8
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Calix[4]arene $\hat{\pm}$ -Aminophosphonic Acids: Asymmetric Synthesis and Enantioselective Inhibition of an Alkaline Phosphatase. <i>Organic Letters</i> , 2006, 8, 549-552.	4.6	79
2	Inhibition of Yersinia protein tyrosine phosphatase by phosphonate derivatives of calixarenes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 483-487.	2.2	42
3	Calix[4]arene methylenebisphosphonic acids as inhibitors of protein tyrosine phosphatase 1B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5619-5623.	2.2	34
4	Calix[4]arene methylenebisphosphonic acids as inhibitors of fibrin polymerization. <i>FEBS Journal</i> , 2011, 278, 1244-1251.	4.7	30
5	Calix[4]arene $\hat{\pm}$ -hydroxyphosphonic acids. Synthesis, stereochemistry, and inhibition of glutathione S-transferase. <i>Arkivoc</i> , 2012, 2012, 278-298.	0.5	22
6	Synthesis and complexation of amphiphilic calix[4]arene phosphonates with organic molecules in solutions and Langmuir-Blodgett films. <i>Journal of Molecular Liquids</i> , 2011, 159, 117-123.	4.9	19
7	Anion carrier formation by calix[4]arene-bis-hydroxymethylphosphonic acid in bilayer membranes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9811-9821.	2.8	12
8	Influence of Calixarenes on Chromatographic Separation of Benzene or Uracil Derivatives. <i>Chromatographia</i> , 2009, 70, 717-721.	1.3	9
9	(Thia)calixarenephosphonic Acids as Potent Inhibitors of the Nucleic Acid Chaperone Activity of the HIV-1 Nucleocapsid Protein with a New Binding Mode and Multitarget Antiviral Activity. <i>ACS Infectious Diseases</i> , 2020, 6, 687-702.	3.8	9
10	Anionic amphiphilic calixarenes for peptide assembly and delivery. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 270-278.	9.4	9
11	Functional Calixarenes for Material and Life Science. <i>Current Organic Chemistry</i> , 2018, 22, 2200-2222.	1.6	8
12	Conductometric sensor with calixarene-based chemosensitive element for the arginine detection. <i>Chemical Papers</i> , 2018, 72, 2687-2697.	2.2	7
13	Phosphorylated Calix[4]arenes as Inhibitors of Glutathione S-Transferase. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 961-963.	1.6	6
14	Complexation of calix[4]arenehydroxymethylphosphonic acids with amino acids. Binding constants determination of the complexes by HPLC method. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 29-36.	1.6	6
15	Perfluorophenylcalix[4]arenes: prospective hosts for nucleophilic guests. Synthesis, structure and quantum chemical calculations. <i>Tetrahedron Letters</i> , 2013, 54, 3496-3499.	1.4	6
16	Calixarene Phosphonous Acids: Synthesis and Biological Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 232-237.	1.6	5
17	Supramolecular Chemistry of Phosphorus-Containing (Thia)Calixarenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 878-883.	1.6	4
18	A Novel Approach to the Design of Phosphonate Inhibitors of Protein Tyrosine Phosphatase. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 958-960.	1.6	4

#	ARTICLE	IF	CITATIONS
19	HPLC Study of Phosphorylcalixarene Complexation with Organic Substrates. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 898-902.	1.6	3
20	Synthesis of Calixarene-Methylenebisphosphonic Acids and Their Influence on Fibrin Polymerization. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 964-965.	1.6	2
21	Complexation of Calix[4]arene bis-Hydroxymethylenediphosphonic Acid with Amino acids. Binding Constants Determination by RP HPLC Method. French-Ukrainian Journal of Chemistry, 2015, 3, 93-100.	0.4	2
22	Study of the complexation of 5,17-bis-(<i>N</i> -tolyliminomethyl)-25,27-dipropoxycalix[4]arene with pyridine carboxylic acids by RP HPLC and molecular modelling. Supramolecular Chemistry, 2014, 26, 409-413.	1.2	1
23	Thiacalix[4]arene phosphoric acids. Synthesis, structure, and inhibition of glutathione <i>S</i> -transferases. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 538-541.	1.6	1
24	3-Methylsulfidopropoxycalixarene methylenebisphosphonic acid for aminoacids chemosensor. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 382-383.	1.6	0
25	Study of Calixarene Complexation with Biologically Active. French-Ukrainian Journal of Chemistry, 2017, 5, 49-55.	0.4	0
26	Tetrahydroxycalixarene methylenebisphosphonic acids: synthesis, stereochemistry, and aminoacids complexations. Phosphorus, Sulfur and Silicon and the Related Elements, 0, , 1-3.	1.6	0