

Bela Barabas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1708694/publications.pdf>

Version: 2024-02-01

15
papers

280
citations

1040056

9
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic aspects of asymmetric autocatalysis and absolute asymmetric synthesis. <i>Journal of Mathematical Chemistry</i> , 2010, 48, 457-489.	1.5	65
2	Violation of Distribution Symmetry in Statistical Evaluation of Absolute Enantioselective Synthesis. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11506-11510.	2.6	42
3	Isotope Chirality and Asymmetric Autocatalysis: A Possible Entry to Biological Chirality. <i>Origins of Life and Evolution of Biospheres</i> , 2008, 38, 317-327.	1.9	40
4	Data-Based Stochastic Approach to Absolute Asymmetric Synthesis by Autocatalysis. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1372-1376.	3.2	31
5	Impact of the Soai-autocatalysis on natural sciences. <i>Journal of Mathematical Chemistry</i> , 2016, 54, 10-17.	1.5	25
6	Stochastic and empirical models of the absolute asymmetric synthesis by the Soai-autocatalysis. <i>Journal of Molecular Modeling</i> , 2015, 21, 33.	1.8	24
7	Natural Abundance Isotopic Chirality in the Reagents of the Soai Reaction. <i>Symmetry</i> , 2016, 8, 2.	2.2	16
8	Bootstrapped confidence bands for percentile lifetime. <i>Annals of the Institute of Statistical Mathematics</i> , 1986, 38, 429-438.	0.8	13
9	Impact of the Discovery of Fluorous Biphasic Systems on Chemistry: A Statistical and Network Analysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8108-8118.	6.7	10
10	Isotope chirality in long-armed multifunctional organosilicon (α -Cephalopod) molecules. <i>Chirality</i> , 2018, 30, 913-922.	2.6	7
11	Star graph representations of chiral objects in graph theory. <i>Journal of Mathematical Chemistry</i> , 2012, 50, 1514-1520.	1.5	4
12	Three-dimensional chiral objects and their star graph representations. <i>Journal of Mathematical Chemistry</i> , 2013, 51, 2354-2360.	1.5	1
13	Graph Theoretical and Statistical Analysis of the Impact of Soai Reaction on Natural Sciences * *Some results of the present paper were reported at Symposia [1,2] and described in a preliminary publication [3].. , 2017, , 53-69.		1
14	Isotope Chirality in the Reagents and Intermediates of the Soai Reaction * *Some parts of this paper were presented at a Symposium [1] and published in an article [2].. , 2017, , 259-276.		1
15	Graph Theoretical Tools in Two- and Three-Dimensional Chirality Problems * *Some results of the present paper were described in preliminary publications [1,2] and reported at Congress [3] and Symposium [4].. , 2017, , 133-148.		0