

Bela Barabas

List of Publications by Year in descending order

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15
papers

280
citations

1040056

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1199594

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docs citations

15
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotope chirality in longâ€armed multifunctional organosilicon (â€œ<sc>Cephalopod</sc>â€) molecules. Chirality, 2018, 30, 913-922.	2.6	7
2	Impact of the Discovery of Fluorous Biphasic Systems on Chemistry: A Statistical and Network Analysis. ACS Sustainable Chemistry and Engineering, 2017, 5, 8108-8118.	6.7	10
3	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
4	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
5	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
6	Natural Abundance Isotopic Chirality in the Reagents of the Soai Reaction. Symmetry, 2016, 8, 2.	2.2	16
7	Impact of the Soai-autocatalysis on natural sciences. Journal of Mathematical Chemistry, 2016, 54, 10-17.	1.5	25
8	Stochastic and empirical models of the absolute asymmetric synthesis by the Soai-autocatalysis. Journal of Molecular Modeling, 2015, 21, 33.	1.8	24
9	Three-dimensional chiral objects and their star graph representations. Journal of Mathematical Chemistry, 2013, 51, 2354-2360.	1.5	1
10	Star graph representations of chiral objects in graph theory. Journal of Mathematical Chemistry, 2012, 50, 1514-1520.	1.5	4
11	Stochastic aspects of asymmetric autocatalysis and absolute asymmetric synthesis. Journal of Mathematical Chemistry, 2010, 48, 457-489.	1.5	65
12	Data-Based Stochastic Approach to Absolute Asymmetric Synthesis by Autocatalysis. Bulletin of the Chemical Society of Japan, 2009, 82, 1372-1376.	3.2	31
13	Isotope Chirality and Asymmetric Autocatalysis: A Possible Entry to Biological Chirality. Origins of Life and Evolution of Biospheres, 2008, 38, 317-327.	1.9	40
14	Violation of Distribution Symmetry in Statistical Evaluation of Absolute Enantioselective Synthesis. Journal of Physical Chemistry B, 2007, 111, 11506-11510.	2.6	42
15	Bootstrapped confidence bands for percentile lifetime. Annals of the Institute of Statistical Mathematics, 1986, 38, 429-438.	0.8	13