

Gautam Bhattacharyya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1954582/publications.pdf>

Version: 2024-02-01

12
papers

728
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	"It Gets Me to the Product": How Students Propose Organic Mechanisms. <i>Journal of Chemical Education</i> , 2005, 82, 1402.	2.3	207
2	Reasonable reasoning: multi-variate problem-solving in organic chemistry. <i>Chemistry Education Research and Practice</i> , 2010, 11, 281-292.	2.5	102
3	From Source to Sink: Mechanistic Reasoning Using the Electron-Pushing Formalism. <i>Journal of Chemical Education</i> , 2013, 90, 1282-1289.	2.3	67
4	Trials and tribulations: student approaches and difficulties with proposing mechanisms using the electron-pushing formalism. <i>Chemistry Education Research and Practice</i> , 2014, 15, 594-609.	2.5	66
5	What happens when representations fail to represent? Graduate students'™ mental models of organic chemistry diagrams. <i>Chemistry Education Research and Practice</i> , 2010, 11, 293-301.	2.5	57
6	Students' experience in a general chemistry cooperative problem based laboratory. <i>Chemistry Education Research and Practice</i> , 2011, 12, 434-442.	2.5	55
7	Mental Rolodexing: Senior Chemistry Majors'™ Understanding of Chemical and Physical Properties. <i>Journal of Chemical Education</i> , 2015, 92, 415-426.	2.3	45
8	Practitioner development in organic chemistry: how graduate students conceptualize organic acids. <i>Chemistry Education Research and Practice</i> , 2006, 7, 240-247.	2.5	43
9	Culturing reality: How organic chemistry graduate students develop into practitioners. <i>Journal of Research in Science Teaching</i> , 2014, 51, 694-713.	3.3	35
10	TMI (Too much information)! Effects of given information on organic chemistry students'™ approaches to solving mechanism tasks. <i>Chemistry Education Research and Practice</i> , 2019, 20, 213-228.	2.5	27
11	Compromised Structures: Verbal Descriptions of Mechanism Diagrams. <i>Journal of Chemical Education</i> , 2018, 95, 366-375.	2.3	22
12	Construction by De-construction. <i>Journal of Chemical Education</i> , 2019, 96, 1294-1297.	2.3	1