Gautam Bhattacharyya

List of Publications by Year
in descending order

12	728	840776 11	1199594 12
papers	citations	h-index	g-index

13	13	13	272
all docs	docs citations	times ranked	citing authors

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