

Jack F Eichler

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

274
citations

1307594

7
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Flipped classroom modules for large enrollment general chemistry courses: a low barrier approach to increase active learning and improve student grades. <i>Chemistry Education Research and Practice</i> , 2016, 17, 197-208.	2.5	125
2	Dissecting the Flipped Classroom: Using a Randomized Controlled Trial Experiment to Determine When Student Learning Occurs. <i>Journal of Chemical Education</i> , 2020, 97, 27-35.	2.3	38
3	Copper (II) complexes possessing alkyl-substituted polypyridyl ligands: Structural characterization and in vitro antitumor activity. <i>Journal of Inorganic Biochemistry</i> , 2017, 166, 12-25.	3.5	23
4	Synthesis, characterization, and stability of iron (III) complex ions possessing phenanthroline-based ligands. <i>Open Journal of Inorganic Chemistry</i> , 2013, 03, 7-13.	0.7	18
5	Synthesis, characterization, and antitumor activity of unusual pseudo five coordinate gold(III) complexes: Distinct cytotoxic mechanism or expensive ligand delivery systems?. <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 121-131.	3.5	17
6	Future of the Flipped Classroom in Chemistry Education: Recognizing the Value of Independent Preclass Learning and Promoting Deeper Understanding of Chemical Ways of Thinking During In-Person Instruction. <i>Journal of Chemical Education</i> , 2022, 99, 1503-1508.	2.3	16
7	Revisiting the use of concept maps in a large enrollment general chemistry course: implementation and assessment. <i>Chemistry Education Research and Practice</i> , 2020, 21, 37-50.	2.5	9
8	Advancing multimedia learning for science: Comparing the effect of virtual versus physical models on student learning about stereochemistry. <i>Science Education</i> , 2021, 105, 1285-1314.	3.0	9
9	Incorporating concept development activities into a flipped classroom structure: using PhET simulations to put a twist on the flip. <i>Chemistry Education Research and Practice</i> , 2021, 22, 842-854.	2.5	8
10	Efficacy of an Asynchronous Online Preparatory Chemistry Course: An Observational Study. <i>Journal of Chemical Education</i> , 2020, 97, 4287-4296.	2.3	4
11	Antitumor Activity of 2,9-Di-Sec-Butyl-1,10-Phenanthroline. <i>PLoS ONE</i> , 2016, 11, e0168450.	2.5	3
12	The impact of coupling assessments on conceptual understanding and connection-making in chemical equilibrium and acid-base chemistry. <i>Chemistry Education Research and Practice</i> , 2020, 21, 1000-1012.	2.5	3
13	Connecting Environmental Sustainability to the General Chemistry Curriculum Using Investigative Labs and Problem-Based Case Studies. <i>ACS Symposium Series</i> , 2020, , 83-91.	0.5	1
14	Case Studies in Chemistry: Engaging Students by Connecting Chemistry to Real World Issues. <i>ACS Symposium Series</i> , 2020, , 213-225.	0.5	0