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List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

481
citations

840585

11
h-index

1058333

14
g-index

17
all docs

17
docs citations

17
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	College students' attitudes toward chemistry, conceptual knowledge and achievement: structural equation model analysis. <i>Chemistry Education Research and Practice</i> , 2013, 14, 188-200.	1.4	72
2	Development and analysis of an instrument to assess student understanding of foundational concepts before biochemistry coursework*. <i>Biochemistry and Molecular Biology Education</i> , 2011, 39, 102-109.	0.5	62
3	Exploring diverse students' trends in chemistry self-efficacy throughout a semester of college-level preparatory chemistry. <i>Chemistry Education Research and Practice</i> , 2014, 15, 114-127.	1.4	55
4	Beliefs about learning and enacted instructional practices: An investigation in postsecondary chemistry education. <i>Journal of Research in Science Teaching</i> , 2018, 55, 1111-1133.	2.0	52
5	Uncovering students' incorrect ideas about foundational concepts for biochemistry. <i>Chemistry Education Research and Practice</i> , 2011, 12, 210-218.	1.4	50
6	Self-efficacy and academic performance in first-semester organic chemistry: testing a model of reciprocal causation. <i>Chemistry Education Research and Practice</i> , 2016, 17, 973-984.	1.4	46
7	Chasm Crossed? Clicker Use in Postsecondary Chemistry Education. <i>Journal of Chemical Education</i> , 2017, 94, 549-557.	1.1	37
8	Exploring a measure of science attitude for different groups of students enrolled in introductory college chemistry. <i>Chemistry Education Research and Practice</i> , 2016, 17, 731-742.	1.4	26
9	Testing a reciprocal causation model between anxiety, enjoyment and academic performance in postsecondary organic chemistry. <i>Educational Psychology</i> , 2018, 38, 838-856.	1.2	25
10	Probing and improving student's understanding of protein α -helix structure using targeted assessment and classroom interventions in collaboration with a faculty community of practice. <i>Biochemistry and Molecular Biology Education</i> , 2014, 42, 213-223.	0.5	22
11	What We Don't Test: What an Analysis of Unreleased ACS Exam Items Reveals about Content Coverage in General Chemistry Assessments. <i>Journal of Chemical Education</i> , 2017, 94, 418-428.	1.1	15
12	Measuring the effectiveness of online preparation videos and questions in the second semester general chemistry laboratory. <i>Chemistry Education Research and Practice</i> , 0, , .	1.4	9
13	Design and testing of an assessment instrument to measure understanding of protein structure and enzyme inhibition in a new context. <i>Biochemistry and Molecular Biology Education</i> , 2016, 44, 179-190.	0.5	6
14	Design and Implementation of a Tool to Assess Students' Understanding of Metabolic Pathways Dynamics and Regulation. <i>CBE Life Sciences Education</i> , 2021, 20, ar35.	1.1	3
15	Development of a Certification Exam to Assess Undergraduate Students' Proficiency in Biochemistry and Molecular Biology Core Concepts. <i>CBE Life Sciences Education</i> , 2021, 20, es6.	1.1	1
16	Probing and improving students' understanding of protein alpha helix structure using targeted assessment and classroom interventions. <i>FASEB Journal</i> , 2012, 26, 616.2.	0.2	0
17	Community-based design and national testing of an assessment tool to measure student understanding of enzyme kinetics in undergraduate biochemistry. <i>FASEB Journal</i> , 2012, 26, 621.1.	0.2	0