Stanley M Lo

List of Publications by Year
in descending order

31 papers	356 citations	1163117 8 h-index	888059 17 g-index
31 all docs	31 docs citations	31 times ranked	498 citing authors

#	Article	IF	Citations
1	Illustrating Student Mathematics Identities Through a Network of Identity Frameworks. Primus, 2023, 33, 487-501.	0.5	0
2	Doing coursework without doing biology: undergraduate studentsâ€™ non-conceptual strategies to problem solving. Journal of Biological Education, 2022, 56, 271-283.	1.5	6
3	We Canâ€™t Fail Again: Arguments for Professional Development in the Wake of COVID-19. Journal of Microbiology and Biology Education, 2022, 23, .	1.0	0
4	Moving towards More Diverse and Welcoming Conference Spaces: Data-Driven Perspectives from Biology Education Research Scholars. Journal of Microbiology and Biology Education, 2022, 23, .	1.0	2
5	Student discourse networks and instructor facilitation in process oriented guided inquiry physical chemistry classes. Chemistry Education Research and Practice, 2021, 22, 93-104.	2.5	7
6	Effects of Remote Teaching in a Crisis on Equity Gaps and the Constructivist Learning Environment in an Introductory Biology Course Series. Journal of Microbiology and Biology Education, 2021, 22, .	1.0	8
7	Student Outcomes From a Large-Enrollment Introductory Course-Based Undergraduate Research Experience on Soil Microbiomes. Frontiers in Microbiology, 2021, 12, 589487.	3.5	9
8	Defining Understanding. American Biology Teacher, 2021, 83, 372-376.	0.2	2
9	Effect of a Concurrent Enrollment Preparatory Course on Student Achievement and Persistence in General Chemistry. Journal of Chemical Education, 2021, 98, 2820-2828.	2.3	3
10	Transfer Student Experiences and Identity Navigation in STEM: Overlapping Figured Worlds of Success. CBE Life Sciences Education, 2021, 20, ar48.	2.3	6
11	Characterizing Biology Education Research: Perspectives from Practitioners and Scholars in the Field. Journal of Microbiology and Biology Education, 2021, 22, .	1.0	2
12	Chronicling the Journey of the Society for the Advancement in Biology Education Research (SABER) in its Effort to Become Antiracist: From Acknowledgement to Action. Frontiers in Education, 2021, 6, .	2.1	5
13	BiochemAR: An Augmented Reality Educational Tool for Teaching Macromolecular Structure and Function. Journal of Chemical Education, 2020, 97, 147-153.	2.3	39
14	Fourteen Recommendations to Create a More Inclusive Environment for LGBTQ+ Individuals in Academic Biology. CBE Life Sciences Education, 2020, 19, es6.	2.3	61
15	A Modified CREATE Intervention Improves Student Cognitive and Affective Outcomes in an Upper-Division Genetics Course. Journal of Microbiology and Biology Education, 2020, 21, .	1.0	9
16	Characterizing the University of Californiaâ€™s tenure-track teaching position from the faculty and administrator perspectives. PLoS ONE, 2020, 15, e0227633.	2.5	7
17	Course-Based Undergraduate Research Experiences (CUREs) in Biological Sciences. , 2020, , 467-479.		3
18	Applying Graph Theory to Examine the Dynamics of Student Discussions in Small-Group Learning. CBE Life Sciences Education, 2019, 18, ar29.	2.3	8

#	Article	IF	Citations
19	A Collaborative Professional Development Program for Science Faculty and Graduate Students in Support of Education Reform at Two-Year Hispanic-Serving Institutions. ACS Symposium Series, 2019, , 119-134.	0.5	3
20	Testing the test: Are exams measuring understanding?. Biochemistry and Molecular Biology Education, 2019, 47, 296-302.	1.2	8
21	Prevailing Questions and Methodologies in Biology Education Research: A Longitudinal Analysis of Research in CBEâ€"Life Sciences Education and at the Society for the Advancement of Biology Education Research. CBE Life Sciences Education, 2019, 18, ar9.	2.3	26
22	Design, implementation, and evaluation of a multi-disciplinary professional development program for research mentors. Mentoring and Tutoring: Partnership in Learning, 2018, 26, 377-399.	1.4	6
23	When active learning fails: How faculty beliefs inform their teaching and influence student outcomes. FASEB Journal, 2018, 32, 663.1.	0.5	0
24	Disulfide Bond Formation and N-Glycosylation Modulate Protein-Protein Interactions in GPI-Transamidase (GPIT). Scientific Reports, 2017, 7, 45912.	3.3	10
25	Research and Teaching: Development of Course-Based Undergraduate Research Experiences Using a Design-Based Approach. Journal of College Science Teaching, 2017, 046, .	0.4	14
26	Examining microbial biodiversity in soil: A researchâ€based introductory biology laboratory course. FASEB Journal, 2015, 29, 559.35.	0.5	0
27	A Bridging Model for Persistence of a Polycomb Group Protein Complex through DNA Replication InÂVitro. Molecular Cell, 2012, 46, 784-796.	9.7	45
28	Chromatin Modification by PSC Occurs at One PSC per Nucleosome and Does Not Require the Acidic Patch of Histone H2A. PLoS ONE, 2012, 7, e47162.	2.5	5
29	Inhibition of Chromatin Remodeling by Polycomb Group Protein Posterior Sex Combs Is Mechanistically Distinct from Nucleosome Binding. Biochemistry, 2010, 49, 9438-9448.	2.5	16
30	Polycomb Group Protein Suppressor 2 of Zeste Is a Functional Homolog of Posterior Sex Combs. Molecular and Cellular Biology, 2009, 29, 515-525.	2.3	44
31	Learning to Pipet Correctly by Pipetting Incorrectly?. CourseSource, 0, 6, .	0.0	2