

Making a Difference in Science Education

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Comprehensive College-centered Engineering Undergraduate Research Program. , 2015, , 26.25.1.		0
2	Strengthening Undergraduate Career Preparedness Through Multidisciplinary Research Projects. , 2015, , 26.1406.1.		1
3	Experiences of Mentors Training Underrepresented Undergraduates in the Research Laboratory. CBE Life Sciences Education, 2013, 12, 403-409.	1.1	56
4	Course-Based Undergraduate Research Experiences Can Make Scientific Research More Inclusive. CBE Life Sciences Education, 2014, 13, 602-606.	1.1	455
5	Immersing undergraduate students into research on the metagenomics of the plant rhizosphere: a pedagogical strategy to engage civic-mindedness and retain undergraduates in STEM. Frontiers in Plant Science, 2014, 5, 157.	1.7	16
6	A Broadly Implementable Research Course in Phage Discovery and Genomics for First-Year Undergraduate Students. MBio, 2014, 5, e01051-13.	1.8	424
7	Tutoring from the desktop. , 2014, , .		1
8	Understanding Student Identity From a Socialization Perspective. New Directions for Higher Education, 2014, 2014, 43-51.	0.2	24
10	The Project Ownership Survey: Measuring Differences in Scientific Inquiry Experiences. CBE Life Sciences Education, 2014, 13, 149-158.	1.1	117
11	Undergraduate Research Programs Can Also Be Faculty Development Programs. Diversity in Higher Education, 2015, , 115-127.	0.1	1
12	A Pharmacology-Based Enrichment Program for Undergraduates Promotes Interest in Science. CBE Life Sciences Education, 2015, 14, ar40.	1.1	11
13	The Laboratory Course Assessment Survey: A Tool to Measure Three Dimensions of Research-Course Design. CBE Life Sciences Education, 2015, 14, ar37.	1.1	118
14	Draft Genome Sequence of the Environmental Isolate Chryseobacterium sp. Hurlbut01. Genome Announcements, 2015, 3, .	0.8	6
15	Blown Away: Interns Experience Science, Research, and Life on Top of Mount Washington. Bulletin of the American Meteorological Society, 2015, 96, 1533-1543.	1.7	2
16	STEM studentsâ€™ social agency and views on working for social change: Are STEM disciplines developing socially and civically responsible students?. Journal of Research in Science Teaching, 2015, 52, 610-632.	2.0	88
17	Comparing the Impact of Course-Based and Apprentice-Based Research Experiences in a Life Science Laboratory Curriculum. Journal of Microbiology and Biology Education, 2015, 16, 186-197.	0.5	63
18	Undergraduate Research Involving Deaf and Hard-of-Hearing Students in Interdisciplinary Science Projects. Education Sciences, 2015, 5, 146-165.	1.4	14
19	Determining the Impact of REU Sites in the Mathematical Sciences. , 2015, , 213-219.		0

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20	The Impact of Undergraduate Research in STEM at Morgan State University on the Production of Doctoral Degrees in Engineering and the Sciences. <i>Diversity in Higher Education</i> , 2015, , 143-175.	0.1	2
21	The Undergraduate Origins of PhD Economists: The Berkeley Experience. <i>Journal of Economic Education</i> , 2015, 46, 174-188.	0.8	1
22	The Undergraduate Research Student Self-Assessment (URSSA): Validation for Use in Program Evaluation. <i>CBE Life Sciences Education</i> , 2015, 14, ar33.	1.1	85
23	Evolution and Impact of Interdisciplinary STEM Undergraduate Research Programs at North Carolina A&T State University. <i>Diversity in Higher Education</i> , 2015, , 11-45.	0.1	0
24	Rise of the Science and Engineering Postdoctorate and the Restructuring of Academic Research. <i>Journal of Higher Education</i> , 2015, 86, 667-696.	1.9	39
25	Undergraduate research experiences: Impacts and opportunities. <i>Science</i> , 2015, 347, 1261757.	6.0	495
26	A preliminary plan for developing a summer course on practical research engagement for medical students at Tabuk University. <i>Journal of Taibah University Medical Sciences</i> , 2015, 10, 79-81.	0.5	1
27	Modeling Course-Based Undergraduate Research Experiences: An Agenda for Future Research and Evaluation. <i>CBE Life Sciences Education</i> , 2015, 14, es1.	1.1	287
28	Fostering Resources for Undergraduate Research at the City University of New York. <i>New Directions for Higher Education</i> , 2015, 2015, 73-83.	0.2	3
29	Interdisciplinary Laboratory Course Facilitating Knowledge Integration, Mutualistic Teaming, and Original Discovery. <i>Integrative and Comparative Biology</i> , 2015, 55, 912-925.	0.9	22
30	Increasing Persistence in Undergraduate Science Majors: A Model for Institutional Support of Underrepresented Students. <i>CBE Life Sciences Education</i> , 2015, 14, ar12.	1.1	88
31	Water Pollution and Leukemia: A Model for Interdisciplinary Research in the Classroom Experiences Incorporating Effective Pedagogical Approaches for Community College General Biology I Lab Students. <i>International Journal of Higher Education</i> , 2016, 5, .	0.2	0
32	Preparation of Underrepresented Males for Scientific Careers: A Study of the Dr. John H. Hopps Jr. Defense Research Scholars Program at Morehouse College. <i>CBE Life Sciences Education</i> , 2016, 15, ar40.	1.1	9
33	A Social Capital Perspective on the Mentoring of Undergraduate Life Science Researchers: An Empirical Study of Undergraduateâ€“Postgraduateâ€“Faculty Triads. <i>CBE Life Sciences Education</i> , 2016, 15, ar16.	1.1	79
34	Bean Beetles Make Biology Research Sexy. <i>American Biology Teacher</i> , 2016, 78, 233-240.	0.1	9
35	Research at Predominantly Two-Year Campuses of Penn State. <i>ACS Symposium Series</i> , 2016, , 83-118.	0.5	23
36	An evaluation of the Mellon Mays Undergraduate Fellowship's effect on PhD production at non-UNCF institutions. <i>Economics of Education Review</i> , 2016, 53, 284-295.	0.7	5
37	Faculty Engagement in Mentoring Undergraduate Students: How Institutional Environments Regulate and Promote Extra-Role Behavior. <i>Innovative Higher Education</i> , 2016, 41, 317-332.	1.5	24

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38	Undergraduate Student Participation in an Evaluation of a Police Program: A High-Impact Practice. <i>Journal of Criminal Justice Education</i> , 2016, 27, 324-339.	0.6	4
39	Defining Attributes and Metrics of Effective Research Mentoring Relationships. <i>AIDS and Behavior</i> , 2016, 20, 238-248.	1.4	176
40	Computing whether she belongs: Stereotypes undermine girls'™ interest and sense of belonging in computer science.. <i>Journal of Educational Psychology</i> , 2016, 108, 424-437.	2.1	324
41	Factors Influencing Student Gains from Undergraduate Research Experiences at a Hispanic-Serving Institution. <i>CBE Life Sciences Education</i> , 2016, 15, ar30.	1.1	41
42	From the NSF: The National Science Foundation's™ Investments in Broadening Participation in Science, Technology, Engineering, and Mathematics Education through Research and Capacity Building. <i>CBE Life Sciences Education</i> , 2016, 15, fe7.	1.1	47
44	Outcomes and Processes in the Meyerhoff Scholars Program: STEM PhD Completion, Sense of Community, Perceived Program Benefit, Science Identity, and Research Self-Efficacy. <i>CBE Life Sciences Education</i> , 2016, 15, ar48.	1.1	78
45	Beyond Academic and Social Integration: Understanding the Impact of a STEM Enrichment Program on the Retention and Degree Attainment of Underrepresented Students. <i>CBE Life Sciences Education</i> , 2016, 15, ar39.	1.1	32
46	Professional Practices in Undergraduate Research Programs. <i>Journal of Microbiology and Biology Education</i> , 2016, 17, 246-251.	0.5	11
47	Implementation of a Collaborative Series of Classroom-Based Undergraduate Research Experiences Spanning Chemical Biology, Biochemistry, and Neurobiology. <i>CBE Life Sciences Education</i> , 2016, 15, ar55.	1.1	38
48	A Model for a Course-Based Undergraduate Research Experience (CURE) in a Field Setting. <i>Journal of Microbiology and Biology Education</i> , 2016, 17, 469-471.	0.5	31
49	A course-based undergraduate research experience investigating p300 bromodomain mutations. <i>Biochemistry and Molecular Biology Education</i> , 2016, 44, 68-74.	0.5	14
50	Growing the Pipeline of Diverse HIV Investigators: The Impact of Mentored Research Experiences to Engage Underrepresented Minority Students. <i>AIDS and Behavior</i> , 2016, 20, 249-257.	1.4	27
51	Insights from a Convocation: Integrating Discovery-Based Research into the Undergraduate Curriculum. <i>CBE Life Sciences Education</i> , 2016, 15, fe2.	1.1	33
52	Early Engagement in Course-Based Research Increases Graduation Rates and Completion of Science, Engineering, and Mathematics Degrees. <i>CBE Life Sciences Education</i> , 2016, 15, ar20.	1.1	264
53	Undergraduate students'™ development of social, cultural, and human capital in a networked research experience. <i>Cultural Studies of Science Education</i> , 2016, 11, 959-990.	0.9	22
54	“It Was Like I Had Found My Tribe” <i>Neuroscientist</i> , 2017, 23, 7-15.	2.6	5
55	Who Goes to Graduate School? Engineers'™ Math Proficiency, College Experience, and Self-Assessment of Skills. <i>Journal of Engineering Education</i> , 2017, 106, 98-122.	1.9	23
56	Walking the Path Together from High School to STEM Majors and Careers: Utilizing Community Engagement and a Focus on Teaching to Increase Opportunities for URM Students. <i>Journal of Science Education and Technology</i> , 2017, 26, 116-126.	2.4	12

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57	CUREs in biochemistryâ€”where we are and where we should go. <i>Biochemistry and Molecular Biology Education</i> , 2017, 45, 7-12.	0.5	52
58	A Research Preparatory Program for First-Year College Students: Student Selection and Preparation Lead to Persistence in Research. <i>Innovative Higher Education</i> , 2017, 42, 269-284.	1.5	4
59	Why Work with Undergraduate Researchers? Differences in Research Advisorsâ€™ Motivations and Outcomes by Career Stage. <i>CBE Life Sciences Education</i> , 2017, 16, ar13.	1.1	20
60	Activities in an S-STEM Program To Catalyze Early Entry into Research. <i>Journal of Chemical Education</i> , 2017, 94, 177-182.	1.1	10
61	Exploring <i>Caenorhabditis elegans</i> Behavior: An Inquiry-Based Laboratory Module for Middle or High School Students. <i>American Biology Teacher</i> , 2017, 79, 661-667.	0.1	2
62	Effects of courseâ€based undergraduate research experiences (CURE) on wildlife students. <i>Wildlife Society Bulletin</i> , 2017, 41, 701-711.	1.6	19
63	The Brandeis Science Posse: Building a Cohort Model Program To Retain Underserved Students in the Sciences. <i>ACS Symposium Series</i> , 2017, , 45-58.	0.5	6
64	A motivational account of the undergraduate experience in science: brief measures of studentsâ€™ self-system appraisals, engagement in coursework, and identity as a scientist. <i>International Journal of Science Education</i> , 2017, 39, 2433-2459.	1.0	41
65	Increasing Research Productivity in Undergraduate Research Experiences: Exploring Predictors of Collaborative Facultyâ€™ Student Publications. <i>CBE Life Sciences Education</i> , 2017, 16, ar42.	1.1	44
66	Experiences and benefits of a career development course for undergraduate chemistry students. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5185-5190.	1.9	5
67	Increasing the pipeline and diversity of doctorally prepared nurses: Description and preliminary evaluation of a health disparities summer research program. <i>Public Health Nursing</i> , 2017, 34, 493-499.	0.7	15
68	The Community College Penalty? Examining the Bachelorâ€™s Completion Rates of Community College Transfer Students as a Function of Time. <i>Community College Review</i> , 2017, 45, 3-32.	0.8	9
69	Undergraduate Experiences of Division I Athlete Science, Technology, Engineering, and Mathematics (STEM) Graduates. <i>Journal of Science Education and Technology</i> , 2017, 26, 24-32.	2.4	13
70	Faculty Motivation to Mentor Students Through Undergraduate Research Programs: A Study of Enabling and Constraining Factors. <i>Research in Higher Education</i> , 2017, 58, 520-544.	1.0	49
71	Race and Gender Differences in Undergraduate Research Mentoring Structures and Research Outcomes. <i>CBE Life Sciences Education</i> , 2017, 16, ar34.	1.1	63
72	Integrating Research and Knowledge Exchange in the Science Undergraduate Curriculum: Embedding Employability Through Research-Involved Teaching. , 0, , .		1
73	NCAA Division I Athlete STEM Graduates: Stereotypes, Microaggressions, Race, and Gender. <i>Journal of Intercollegiate Sport</i> , 2017, 10, 44-66.	0.1	4
74	Participation in a Year-Long CURE Embedded into Major Core Genetics and Cellular and Molecular Biology Laboratory Courses Results in Gains in Foundational Biological Concepts and Experimental Design Skills by Novice Undergraduate Researchers. <i>Journal of Microbiology and Biology Education</i> , 2017, 18, .	0.5	16

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75	Evaluating Undergraduate Research Experiencesâ€”Development of a Self-Report Tool. <i>Education Sciences</i> , 2017, 7, 87.	1.4	10
76	A cyber-linked undergraduate research experience in computational biomolecular structure prediction and design. <i>PLoS Computational Biology</i> , 2017, 13, e1005837.	1.5	12
77	An entrepreneurial training model to enhance undergraduate training in biomedical research. <i>BMC Proceedings</i> , 2017, 11, 18.	1.8	10
78	BUILDing BLaST: promoting rural studentsâ€™ biomedical research careers using a culturally responsive, one health approach. <i>BMC Proceedings</i> , 2017, 11, 13.	1.8	8
79	Evaluating Psychosocial Mechanisms Underlying STEM Persistence in Undergraduates: Evidence of Impact from a Six-Day Preâ€”College Engagement STEM Academy Program. <i>CBE Life Sciences Education</i> , 2017, 16, ar36.	1.1	39
80	Moderating Influences of Studentâ€”Faculty Interactions on Studentsâ€™ Graduate and Professional School Aspirations. <i>Journal of College Student Development</i> , 2017, 58, 1261-1267.	0.5	19
81	Crowd Research. , 2017, , .		36
82	Summer undergraduate nursing research experience: Implementing a mentor-based research program for minority nursing undergraduates. <i>Journal of Nursing Education and Practice</i> , 2017, 7, 37.	0.1	0
83	Macrosystem Analysis of Programs and Strategies to Increase Underrepresented Populations in the Geosciences. <i>Journal of Geoscience Education</i> , 2017, 65, 577-593.	0.8	32
84	â€œSetting Up for the Next Big Thingâ€: Undergraduate Women Engineering Studentsâ€™ Postbaccalaureate Career Decisions. <i>Journal of College Student Development</i> , 2017, 58, 1201-1217.	0.5	14
85	Undergraduate Research Participation Is Associated With Improved Student Outcomes at a Hispanic-Serving Institution. <i>Journal of College Student Development</i> , 2017, 58, 583-600.	0.5	38
86	Undergraduate Research Experiences Broaden Diversity in the Scientific Workforce. <i>BioScience</i> , 2018, 68, 204-211.	2.2	127
87	The Effect of Positive Faculty Support on Mathematical Self-Concept for Male and Female Students in STEM Majors. <i>Research in Higher Education</i> , 2018, 59, 1074-1104.	1.0	9
88	Pursuing Graduate Study: Factors Underlying Undergraduate Engineering Students' Decisions. <i>Journal of Engineering Education</i> , 2018, 107, 140-163.	1.9	35
89	Pathways over Time: Functional Genomics Research in an Introductory Laboratory Course. <i>CBE Life Sciences Education</i> , 2018, 17, ar1.	1.1	17
90	Categorical and Limited Dependent Variable Modeling in Higher Education. <i>Higher Education</i> , 2018, , 295-370.	0.9	8
91	A case for bringing undergraduate research into the classroom. , 2018, , .		3
92	â€”I like being a lab Ratâ€™: student experiences of research participation. <i>Journal of Further and Higher Education</i> , 2018, 42, 986-997.	1.4	5

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93	Innovations in Undergraduate Chemical Biology Education. ACS Chemical Biology, 2018, 13, 26-35.	1.6	13
94	Beyond Traditional Measures of STEM Success: Long-Term Predictors of Social Agency and Conducting Research for Social Change. Research in Higher Education, 2018, 59, 349-381.	1.0	35
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96	MENTORING, SOCIAL CAPITAL, AND DIVERSITY IN EARTH SYSTEM SCIENCE. Journal of Women and Minorities in Science and Engineering, 2018, 24, 17-41.	0.5	9
97	A Narrative Analysis Examining Influential Factors of a Minority Research and Training Program. The Journal of College Student Retention: Research and Practice, 2021, 23, 187-213.	0.9	2
98	A Low-Intensity, Hybrid Design between a "Traditional" and a "Course-Based" Research Experience Yields Positive Outcomes for Science Undergraduate Freshmen and Shows Potential for Large-Scale Application. CBE Life Sciences Education, 2018, 17, ar53.	1.1	10
99	A Comprehensive Model for Undergraduate Science Education Reform To Better Serve the Underserved. ACS Symposium Series, 2018, , 31-57.	0.5	1
100	Undergraduate research, learning gain and equity: the impact of final year research projects. Higher Education Pedagogies, 2018, 3, 145-157.	2.1	29
101	Food System Field Experience: STEM Identity and Change Agency for Undergraduate Sustainability Learners. Journal of Experiential Education, 2018, 41, 312-328.	0.6	8
102	Developing a Course-Based Research Experience for Undergraduates: The ASU West Experience. Journal of the Arizona-Nevada Academy of Science, 2018, 47, 36-43.	0.1	0
103	Student Integration into STEM Careers and Culture: A Longitudinal Examination of Summer Faculty Mentors and Project Ownership. CBE Life Sciences Education, 2018, 17, ar50.	1.1	29
104	Benefits and logistics of nonpresenting undergraduate students attending a professional scientific meeting. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 68-74.	0.8	12
105	Seeding undergraduate research experience: From Georgia Tech to KFUPM case study. International Journal of Electrical Engineering and Education, 2018, 55, 313-323.	0.4	1
106	Fostering Undergraduate Research with a Nontraditional Student Population. Journal of Chemical Education, 2018, 95, 1443-1447.	1.1	6
107	Engineering Attractiveness in the European Educational Environment: Can Distance Education Approaches Make a Difference?. Education Sciences, 2018, 8, 16.	1.4	12
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109	Embedded Research in a Lower-Division Organic Chemistry Lab Course. ACS Symposium Series, 2018, , 65-79.	0.5	5
110	Effects of Discovery, Iteration, and Collaboration in Laboratory Courses on Undergraduates' Research Career Intentions Fully Mediated by Student Ownership. CBE Life Sciences Education, 2018, 17, ar20.	1.1	122

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112	Long-Term Benefits of Short-Term Research-Integrated Study Abroad. <i>Journal of Studies in International Education</i> , 2019, 23, 265-280.	1.9	15
113	Factors that predict life sciences student persistence in undergraduate research experiences. <i>PLoS ONE</i> , 2019, 14, e0220186.	1.1	52
114	Teaching the teacher: exploring STEM graduate students' nature of science conceptions in a teaching methods course. <i>International Journal of Science Education</i> , 2019, 41, 1905-1925.	1.0	8
115	Research-based learning: a case study for engineering students. <i>International Journal on Interactive Design and Manufacturing</i> , 2019, 13, 1283-1295.	1.3	21
116	One-Year Research Experience for Associate's Degree Students Impacts Graduation, STEM Retention, and Transfer Patterns. <i>CBE Life Sciences Education</i> , 2019, 18, ar25.	1.1	19
117	Learning in Community for STEM Undergraduates: Connecting a Learning Sciences and a Learning Humanities Approach in Higher Education. <i>Cognition and Instruction</i> , 2019, 37, 327-348.	1.9	5
118	What Kinds of Departments Promote Undergraduate Research in Political Science?. <i>Journal of Political Science Education</i> , 2019, , 1-14.	0.6	3
119	Translatable Research Group-Based Undergraduate Research Program for Lower-Division Students. <i>Journal of Chemical Education</i> , 2019, 96, 1881-1890.	1.1	14
120	The Genome Solver Project: Faculty Training and Student Performance Gains in Bioinformatics. <i>Journal of Microbiology and Biology Education</i> , 2019, 20, .	0.5	7
121	Exploratory Study of the Impact of a Teaching Methods Course for International Teaching Assistants in an Inquiry-Based General Chemistry Laboratory. <i>Journal of Chemical Education</i> , 2019, 96, 2393-2402.	1.1	12
122	Adding Authenticity to Inquiry in a First-Year, Research-Based, Biology Laboratory Course. <i>CBE Life Sciences Education</i> , 2019, 18, ar38.	1.1	22
123	Cal-Bridge: Creating pathways to the PhD for underrepresented students in physics and astronomy. <i>Physics Today</i> , 2019, 72, 50-57.	0.3	6
124	Peptoids advance multidisciplinary research and undergraduate education in parallel: Sequence effects on conformation and lipid interactions. <i>Biopolymers</i> , 2019, 110, e23256.	1.2	11
125	Exploring medically-related Canadian summer student research programs: a National Cross-sectional Survey Study. <i>BMC Medical Education</i> , 2019, 19, 140.	1.0	9
126	Bildungs- und Berufsverläufe mit Bachelor und Master. , 2019, , .		6
127	Exploring experiential opportunity impacts on undergraduate outcomes in the geosciences. <i>Journal of Geoscience Education</i> , 2019, 67, 249-265.	0.8	9
128	Incorporating Research Into Courses. , 2019, , 143-159.		0

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129	An examination of undergraduates' perceptions on faculty members' and institutional support and its effects on their appreciation of scientific skills and research endeavors. <i>International Journal of Educational Management</i> , 2019, 33, 780-791.	0.9	0
130	Empowering Undergraduate Students to Lead Research: The ASCEND Program at Morgan State University. <i>Diversity in Higher Education</i> , 2019, , 35-53.	0.1	2
131	An innovative bioanalytical research project course to train undergraduate students on liquid chromatography-mass spectrometry. <i>Biochemistry and Molecular Biology Education</i> , 2019, 47, 228-238.	0.5	6
132	The Next Generation of Scientists: The Development of a Model Intensive Research Experience for Undergraduates. <i>International Research in Higher Education</i> , 2019, 4, 45.	0.1	0
133	Students' Use of Metacognitive Skills in Undergraduate Research Experiences in Computational Modeling. , 2019, , .		2
134	Biotremology: Studying Vibrational Behavior. <i>Animal Signals and Communication</i> , 2019, , .	0.4	32
135	Skills and Foundational Concepts for Biochemistry Students. <i>ACS Symposium Series</i> , 2019, , 65-109.	0.5	6
136	Development and Use of CUREs in Biochemistry. <i>ACS Symposium Series</i> , 2019, , 143-171.	0.5	30
137	Talking about Leaving Revisited. , 2019, , .		160
138	Design Thinking Research. <i>Understanding Innovation</i> , 2019, , .	0.9	10
139	Exploring the long-term academic and career impacts of undergraduate research in geoscience: A case study. <i>Journal of Geoscience Education</i> , 2020, 68, 65-79.	0.8	10
140	Mentoring STEM Undergraduate Research Projects in a Large Community College. <i>Primus</i> , 2020, 30, 777-789.	0.3	5
141	PUMAA: A Platform for Accessible Microbiome Analysis in the Undergraduate Classroom. <i>Frontiers in Microbiology</i> , 2020, 11, 584699.	1.5	10
142	Ten strategies for a successful transition to remote learning: Lessons learned with a flipped course. <i>Ecology and Evolution</i> , 2020, 10, 12620-12634.	0.8	16
143	Microbiomes for All. <i>Frontiers in Microbiology</i> , 2020, 11, 593472.	1.5	4
144	A College's High School Collaboration to Support Authentic Microbiology Research. <i>American Biology Teacher</i> , 2020, 82, 201-208.	0.1	5
145	Gender and leadership development in undergraduate computing: a closer look at women's leadership conceptions. <i>Computer Science Education</i> , 2020, 30, 469-499.	2.7	8
146	Testing models of reciprocal relations between social influence and integration in STEM across the college years. <i>PLoS ONE</i> , 2020, 15, e0238250.	1.1	19

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147	The Value of Failure: A Student-Driven Course-Based Research Experience in an Undergraduate Organic Chemistry Lab Inspired by an Unexpected Result. <i>Journal of Chemical Education</i> , 2020, 97, 3609-3616.	1.1	7
148	Development of a Peer-Reviewed Open-Access Undergraduate Research Journal. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	4
149	<i>Entering Research</i> Learning Assessment (ERLA): Validity Evidence for an Instrument to Measure Undergraduate and Graduate Research Trainee Development. <i>CBE Life Sciences Education</i> , 2020, 19, ar18.	1.1	8
150	Semester-Long Course-Based Research Project in Second-Semester Organic Chemistry: Synthesizing Potential Lead Compounds for the Treatment of a Neglected Tropical Disease. <i>Journal of Chemical Education</i> , 2020, 97, 1008-1016.	1.1	15
151	Facilitating Growth through Frustration: Using Genomics Research in a Course-Based Undergraduate Research Experience. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	19
152	Supporting Students from Day 1 of College: The Importance of Relatedness to Inclusivity. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	3
153	Evaluation of the Second Edition of <i>Entering Research</i>: A Customizable Curriculum for Apprentice-Style Undergraduate and Graduate Research Training Programs and Courses. <i>CBE Life Sciences Education</i> , 2020, 19, ar11.	1.1	8
154	Mentoring Undergraduate Research in Statistics: Reaping the Benefits and Overcoming the Barriers. <i>Journal of Statistics Education</i> , 2020, 28, 140-153.	1.4	12
155	Development and Validation of an Instrument to Measure High School Studentsâ€™ Science Identity in Science Learning. <i>Research in Science Education</i> , 2022, 52, 111-126.	1.4	17
156	Improving the Design of Undergraduate Biology Courses toward the Goal of Retention: The Case of Real-World Inquiry and Active Learning through Metagenomics. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	12
157	Supporting Deaf Students in Undergraduate Research Experiences: Perspectives of American Sign Language Interpreters. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, 20.	0.5	4
158	Participation in a Course-Based Undergraduate Research Experience Results in Higher Grades in the Companion Lecture Course. <i>Educational Researcher</i> , 2021, 50, 205-214.	3.3	13
159	We Donâ€™t Know What they Did Last Summer: Examining Relationships among Parental Education, Faculty Interaction, and College Studentsâ€™ Post-First Year Summer Experiences. <i>Innovative Higher Education</i> , 2021, 46, 21-39.	1.5	3
160	Modeling the Pathways to Self-Confidence for Graduate School in Computing. <i>Research in Higher Education</i> , 2021, 62, 359-391.	1.0	15
161	Elevenâ€™year experience implementing a dental undergraduate research programme in a prestigious dental school in China: Lessons learned and future prospects. <i>European Journal of Dental Education</i> , 2021, 25, 246-260.	1.0	10
162	Bacteriophage Discovery and Genomics. , 2021, , 219-230.		0
163	Impact of student-supervisor relationship on postgraduate studentsâ€™ subjective well-being: a study based on longitudinal data in China. <i>Higher Education</i> , 2021, 82, 273-305.	2.8	13
164	A Peer-Mentoring System as a Nontraditional Approach to STEM CUREs. <i>Scholarship and Practice of Undergraduate Research</i> , 2021, 4, 46-47.	0.2	0

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165	Scholarship-Based Undergraduate Laboratory Courses Modeled on a Graduate School Research Rotation. <i>Journal of Chemical Education</i> , 2021, 98, 1152-1162.	1.1	5
166	Reflections of six neuroscientists: The influences of training at minority serving institutions. <i>Journal of Neuroscience Research</i> , 2022, 100, 1529-1537.	1.3	1
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