

Andrea C Burrows

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

144
citations

7
h-index

11
g-index

44
ext. papers

199
ext. citations

1.4
avg, IF

3.45
L-index

#	Paper	IF	Citations
31	Biodiesel and Integrated STEM: Vertical Alignment of High School Biology/Biochemistry and Chemistry. <i>Journal of Chemical Education</i> , 2014 , 91, 1379-1389	2.4	22
30	Integrated STEM: Focus on Informal Education and Community Collaboration through Engineering. <i>Education Sciences</i> , 2018 , 8, 4	2.2	20
29	PARTNERSHIPS: A SYSTEMIC STUDY OF TWO PROFESSIONAL DEVELOPMENTS WITH UNIVERSITY FACULTY AND K-12 TEACHERS OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS. <i>Problems of Education in the 21st Century</i> , 2015 , 65, 28-38	0.7	11
28	AUTHENTIC SCIENCE EXPERIENCES: PRE-COLLEGIATE SCIENCE EDUCATORS'S SUCCESSES AND CHALLENGES DURING PROFESSIONAL DEVELOPMENT. <i>Problems of Education in the 21st Century</i> , 2016 , 70, 59-73	0.7	9
27	TEACHING COMPUTER SCIENCE & ENGINEERING THROUGH ROBOTICS: SCIENCE & ART FORM. <i>Problems of Education in the 21st Century</i> , 2012 , 47, 6-15	0.7	9
26	Secondary Science Preservice Teachers' Perceptions of Engineering: A Learner Analysis. <i>Education Sciences</i> , 2019 , 9, 29	2.2	7
25	A Proposed Astronomy Learning Progression For Remote Telescope Observation. <i>Journal of College Teaching and Learning</i> , 2014 , 11, 197	0	7
24	Ants Go Marching: Integrating Computer Science into Teacher Professional Development with NetLogo. <i>Education Sciences</i> , 2019 , 9, 66	2.2	6
23	Riding the wave: student researcher reflection on the action research process. <i>Educational Action Research</i> , 2012 , 20, 291-312	0.8	6
22	Authentic science experiences with STEM datasets: post-secondary results and potential gender influences. <i>Research in Science and Technological Education</i> , 2020 , 1-21	1	5
21	Computer science and engineering: utilizing action research and lesson study. <i>Educational Action Research</i> , 2019 , 27, 631-646	0.8	4
20	Experiencing action evaluation: a cyclic process: partnering conflict, reflection, and action. <i>Educational Action Research</i> , 2016 , 24, 460-478	0.8	4
19	Evidence of Science and Engineering Practices in Preservice Secondary Science Teachers' Instructional Planning. <i>Journal of Science Education and Technology</i> , 2018 , 27, 536-549	2.8	4
18	Mentoring partnerships in science education. <i>Educational Action Research</i> , 2017 , 25, 630-649	0.8	4
17	Transcending disciplines: Engaging college students in interdisciplinary research, integrated STEM, and partnerships. <i>Journal of Technology and Science Education</i> , 2021 , 11, 146	1.4	4
16	Inquiring Astronomy: Incorporating Student-Centered Pedagogical Techniques in an Introductory College Science Course. <i>Journal of College Science Teaching</i> , 2017 , 046,	0.6	3
15	ENHANCING PEDAGOGY WITH CONTEXT AND PARTNERSHIPS: SCIENCE IN HAND. <i>Problems of Education in the 21st Century</i> , 2013 , 54, 7-13	0.7	3

14	Secondary Science Preservice Teachers: Technology Integration in Methods and Residency. <i>Journal of Science Teacher Education</i> , 2021 , 32, 578-600	1.1	3
13	Integrated STEM for Teacher Professional Learning and Development: [Need Time for Practice] <i>Education Sciences</i> , 2021 , 11, 21	2.2	3
12	Systematic Review of Outdoor Science Learning Activities with the Integration of Mobile Devices. <i>International Journal of Mobile and Blended Learning</i> , 2020 , 12, 33-56	1.1	2
11	Finding Spaces: Teacher Education Technology Competencies (TETCs). <i>Education Sciences</i> , 2021 , 11, 733	2.2	2
10	PARTNERING SCIENCE AND ART: PRE-SERVICE TEACHERS' EXPERIENCES FOR USE IN PRE-COLLEGIATE CLASSROOMS. <i>Problems of Education in the 21st Century</i> , 2017 , 75, 215-234	0.7	2
9	Integrated STEM and Partnerships: What to Do for More Effective Teams in Informal Settings. <i>Education Sciences</i> , 2022 , 12, 58	2.2	1
8	Integrated Outreach: Increasing Engagement in Computer Science and Cybersecurity. <i>Education Sciences</i> , 2020 , 10, 353	2.2	1
7	Computer Science beyond Coding: Partnering to Create Teacher Cybersecurity Microcredentials. <i>Education Sciences</i> , 2022 , 12, 4	2.2	1
6	US Perspectives on Action Research in Education 2019 , 75-96		0
5	Is classical mechanics a prerequisite for learning physics of the 20th century?. <i>Physics Education</i> , 2016 , 51, 065022	0.8	0
4	IDENTIFYING IMPLEMENTATION CHALLENGES FOR A NEW COMPUTER SCIENCE CURRICULUM IN RURAL WESTERN REGIONS OF THE UNITED STATES. <i>Problems of Education in the 21st Century</i> , 2022 , 80, 353-370	0.7	0
3	Confusion Over Models: Exploring Discourse in a STEM Professional Development. <i>SAGE Open</i> , 2022 , 12, 215824402210979	1.5	0
2	Listening for Integrated STEM Discourse: Power and Positioning in a Teacher Professional Development Dataset Activity. <i>Education Sciences</i> , 2022 , 12, 84	2.2	
1	Instructional Planning Modifications to Meet Social Distancing Requirements: Secondary and Post-Secondary Options. <i>Education Sciences</i> , 2021 , 11, 217	2.2	