

William Lee Romine

List of Publications by Year in Descending Order

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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.

25
papers

321
citations

12
h-index

17
g-index

27
ext. papers

424
ext. citations

3.7
avg, IF

3.9
L-index

#	Paper	IF	Citations
25	Public Discussion of Anthrax on Twitter: Using Machine Learning to Identify Relevant Topics and Events. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e27976	11.4	
24	Longitudinal Classification of Mental Effort Using Electrodermal Activity, Heart Rate, and Skin Temperature Data from a Wearable Sensor. <i>Lecture Notes in Computer Science</i> , 2021 , 86-95	0.9	2
23	Measuring smartphone dependency and exploration of consequences and comorbidities. <i>Computers in Human Behavior Reports</i> , 2021 , 4, 100108	2.6	1
22	Measuring Science Teachers' Emotional Experiences with Evolution using Real World Scenarios 2021 , 1, 1-26		
21	Measurement of socio-scientific reasoning (SSR) and exploration of SSR as a progression of competencies. <i>International Journal of Science Education</i> , 2020 , 42, 2981-3002	2.2	10
20	Development of a Daily Use Caregiver Sleep Survey (DUCSS). <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2020 , 33, 209-222	1	
19	Evaluation of a Process by which Individual Interest Supports Learning within a Formal Middle School Classroom Context. <i>International Journal of Science and Mathematics Education</i> , 2020 , 18, 1419-1439	1.7	3
18	Multimodal mental health analysis in social media. <i>PLoS ONE</i> , 2020 , 15, e0226248	3.7	15
17	Toward Sensor-Based Sleep Monitoring with Electrodermal Activity Measures. <i>Sensors</i> , 2019 , 19,	3.8	15
16	Identifying Key Topics Bearing Negative Sentiment on Twitter: Insights Concerning the 2015-2016 Zika Epidemic. <i>JMIR Public Health and Surveillance</i> , 2019 , 5, e11036	11.4	20
15	Analyzing Public Outlook towards Vaccination using Twitter 2019 ,		4
14	Impacts of enquiry-based science teaching on achievement gap between high-and-low SES students: findings from PISA 2015. <i>International Journal of Science Education</i> , 2019 , 41, 448-470	2.2	10
13	Conceptualizing Student Affect for Science and Technology at the Middle School Level: Development and Implementation of a Measure of Affect in Science and Technology (MAST). <i>Journal of Science Education and Technology</i> , 2017 , 26, 534-545	2.8	1
12	Depressed Synaptic Transmission and Reduced Vesicle Release Sites in Huntington's Disease Neuromuscular Junctions. <i>Journal of Neuroscience</i> , 2017 , 37, 8077-8091	6.6	19
11	Assessment of scientific literacy: Development and validation of the Quantitative Assessment of Socio-Scientific Reasoning (QuASSR). <i>Journal of Research in Science Teaching</i> , 2017 , 54, 274-295	3.4	40
10	Discovering explanatory models to identify relevant tweets on Zika. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2017 , 2017, 1194-1197	0.9	7
9	What Are People Tweeting About Zika? An Exploratory Study Concerning Its Symptoms, Treatment, Transmission, and Prevention. <i>JMIR Public Health and Surveillance</i> , 2017 , 3, e38	11.4	62

8	How Do Undergraduate Students Conceptualize Acid-Base Chemistry? Measurement of a Concept Progression. <i>Science Education</i> , 2016 , 100, 1150-1183	4.3	14
7	Measuring Changes in Interest in Science and Technology at the College Level in Response to Two Instructional Interventions. <i>Research in Science Education</i> , 2016 , 46, 309-327	1.5	18
6	Development and Application of a Novel Rasch-based Methodology for Evaluating Multi-Tiered Assessment Instruments: Validation and utilization of an undergraduate diagnostic test of the water cycle. <i>International Journal of Science Education</i> , 2015 , 37, 2740-2768	2.2	17
5	A simple model for the viscosity of rhyolites as a function of temperature, pressure and water content. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 170, 281-300	5.5	17
4	Assessing the efficacy of the Measure of Understanding of Macroevolution as a valid tool for undergraduate non-science majors. <i>International Journal of Science Education</i> , 2014 , 36, 2872-2891	2.2	6
3	STUDENT INTEREST IN TECHNOLOGY AND SCIENCE (SITS) SURVEY: DEVELOPMENT, VALIDATION, AND USE OF A NEW INSTRUMENT. <i>International Journal of Science and Mathematics Education</i> , 2014 , 12, 261-283	1.7	21
2	Exploring Secondary Students' Knowledge and Misconceptions about Influenza: Development, validation, and implementation of a multiple-choice influenza knowledge scale. <i>International Journal of Science Education</i> , 2013 , 35, 1874-1901	2.2	16
1	Customization of Curriculum Materials in Science: Motives, Challenges, and Opportunities. <i>Journal of Science Education and Technology</i> , 2012 , 21, 38-45	2.8	3