

Jessica Watkins

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

308
citations

1040056

9
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Disciplinary authenticity: Enriching the reforms of introductory physics courses for life-science students. <i>Physical Review Physics Education Research</i> , 2012, 8, .	1.7	51
2	Positioning as notâ€ understanding: The value of showing uncertainty for engaging in science. <i>Journal of Research in Science Teaching</i> , 2018, 55, 573-599.	3.3	43
3	Problematizing as a scientific endeavor. <i>Physical Review Physics Education Research</i> , 2017, 13, .	2.9	39
4	Beyond â€ asking questionsâ€ Problematizing as a disciplinary activity. <i>Journal of Research in Science Teaching</i> , 2018, 55, 982-998.	3.3	37
5	Context Dependence of Studentsâ€™ Views about the Role of Equations in Understanding Biology. <i>CBE Life Sciences Education</i> , 2013, 12, 274-286.	2.3	29
6	Dataâ€based conjectures for supporting responsive teaching in engineering design with elementary teachers. <i>Science Education</i> , 2018, 102, 548-570.	3.0	27
7	Student views of macroscopic and microscopic energy in physics and biology. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	17
8	Characterizing pedagogical decision points in senseâ€making conversations motivated by scientific uncertainty. <i>Science Education</i> , 2022, 106, 1408-1441.	3.0	14
9	Examining Experienced Teachersâ€™ Noticing of and Responses to Studentsâ€™ Engineering. <i>Journal of Pre-College Engineering Education Research</i> , 2017, 7, .	0.6	13
10	Idiosyncratic cases and hopes for general validity: what education research might learn from ecology / Casos idiosincrÃ¡sicos y expectativas de validez general: lo que la investigaciÃ³n en educaciÃ³n puede aprender de la ecologÃ­a. <i>Infancia Y Aprendizaje</i> , 2018, 41, 625-673.	0.9	10
11	Shifts in elementary teachers' pedagogical reasoning: Studying teacher learning in an online graduate program in engineering education. <i>Journal of Engineering Education</i> , 2021, 110, 252-271.	3.0	8
12	Facilitating Scientific Engagement Online: Responsive Teaching in a Science Professional Development Program. <i>Journal of Science Teacher Education</i> , 2020, 31, 515-536.	2.5	7
13	Elementary School Engineering for Fictional Clients in Childrenâ€™s Literature. <i>Contemporary Trends and Issues in Science Education</i> , 2016, , 263-291.	0.5	5
14	Noticing, Assessing, and Responding to Students' Engineering: Exploring a Responsive Teaching Approach to Engineering Design. , 0, , .		4
15	Designing for Framing in Online Teacher Education: Supporting Teachersâ€™ Attending to Student Thinking in Video Discussions of Classroom Engineering. <i>Journal of Teacher Education</i> , 0, , 002248712110565.	3.5	4