

Tor Ole B Odden

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7964147/publications.pdf>

Version: 2024-02-01

16
papers

270
citations

1307594

7
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining sensemaking: Bringing clarity to a fragmented theoretical construct. <i>Science Education</i> , 2019, 103, 187-205.	3.0	124
2	How has <i>Science Education</i> changed over the last 100 years? An analysis using natural language processing. <i>Science Education</i> , 2021, 105, 653-680.	3.0	28
3	Intertwining evidence- and model-based reasoning in physics sensemaking: An example from electrostatics. <i>Physical Review Physics Education Research</i> , 2017, 13, .	2.9	24
4	Vexing questions that sustain sensemaking. <i>International Journal of Science Education</i> , 2019, 41, 1052-1070.	1.9	22
5	Sensemaking epistemic game: A model of student sensemaking processes in introductory physics. <i>Physical Review Physics Education Research</i> , 2018, 14, .	2.9	18
6	Thematic analysis of 18 years of physics education research conference proceedings using natural language processing. <i>Physical Review Physics Education Research</i> , 2020, 16, .	2.9	16
7	Physics computational literacy: An exploratory case study using computational essays. <i>Physical Review Physics Education Research</i> , 2019, 15, .	2.9	12
8	How conceptual blends support sensemaking: A case study from introductory physics. <i>Science Education</i> , 2021, 105, 989-1012.	3.0	7
9	Using computational essays to scaffold professional physics practice. <i>European Journal of Physics</i> , 2021, 42, 015701.	0.6	7
10	Computational Essays in the Physics Classroom. <i>Physics Teacher</i> , 2020, 58, 252-255.	0.3	6
11	"Charges are everywhere": A case of student sensemaking about electric current. , 0, , .		3
12	How computation can facilitate sensemaking about physics: A case study. , 0, , .		2
13	What Does It Mean to "Make Sense" of Physics?. <i>Physics Teacher</i> , 2021, 59, 596-598.	0.3	1
14	Recurring questions that sustain the sensemaking frame. , 0, , .		0
15	Integrating Computing into K-16 Education. , 2020, , .		0
16	Computational Essays: An Avenue for Scientific Creativity in Physics. , 0, , .		0