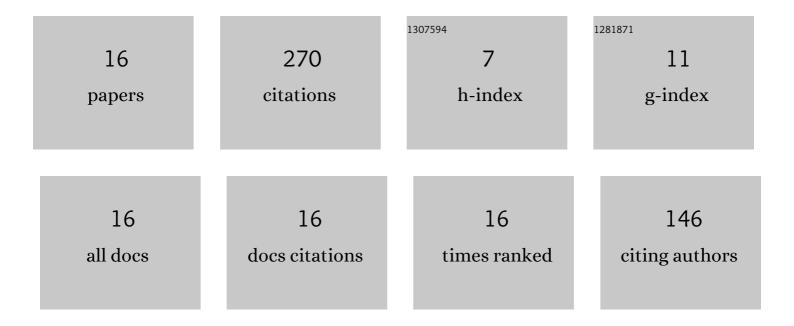
## Tor Ole B Odden

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7964147/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Defining sensemaking: Bringing clarity to a fragmented theoretical construct. Science Education, 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. Science Education, 2021, 105, 653-680.	3.0	28
3	Intertwining evidence- and model-based reasoning in physics sensemaking: An example from electrostatics. Physical Review Physics Education Research, 2017, 13, .	2.9	24
4	Vexing questions that sustain sensemaking. International Journal of Science Education, 2019, 41, 1052-1070.	1.9	22
5	Sensemaking epistemic game: A model of student sensemaking processes in introductory physics. Physical Review Physics Education Research, 2018, 14, .	2.9	18
6	Thematic analysis of 18Âyears of physics education research conference proceedings using natural language processing. Physical Review Physics Education Research, 2020, 16, .	2.9	16
7	Physics computational literacy: An exploratory case study using computational essays. Physical Review Physics Education Research, 2019, 15, .	2.9	12
8	How conceptual blends support sensemaking: A case study from introductory physics. Science Education, 2021, 105, 989-1012.	3.0	7
9	Using computational essays to scaffold professional physics practice. European Journal of Physics, 2021, 42, 015701.	0.6	7
10	Computational Essays in the Physics Classroom. Physics Teacher, 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?. Physics Teacher, 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, , .