

Berit Bungum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8013817/publications.pdf>

Version: 2024-02-01

24
papers

325
citations

1163117

8
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Science students' critical examination of scientific information related to socioscientific issues. <i>Science Education</i> , 2006, 90, 632-655.	3.0	108
2	Relativity, quantum physics and philosophy in the upper secondary curriculum: challenges, opportunities and proposed approaches. <i>Physics Education</i> , 2014, 49, 678-684.	0.5	53
3	Quantum talk: How smallâ€”group discussions may enhance studentsâ€™ understanding in quantum physics. <i>Science Education</i> , 2018, 102, 856-877.	3.0	37
4	ReleQuant â€” Improving teaching and learning in quantum physics through educational design research. <i>Nordic Studies in Science Education</i> , 2015, 11, 153-168.	0.2	26
5	What Is Light?. <i>Science and Education</i> , 2018, 27, 81-111.	2.7	25
6	Transferring and Transforming Technology Education: A Study of Norwegian Teachersâ€™ Perceptions of Ideas from Design & Technology. <i>International Journal of Technology and Design Education</i> , 2006, 16, 31-52.	2.6	11
7	A space for learning: how teachers benefit from participating in a professional community of space technology. <i>Research in Science and Technological Education</i> , 2013, 31, 31-48.	2.5	10
8	â€”From the catâ€™s point of viewâ€™: upper secondary physics studentsâ€™ reflections on SchrÃ¶dingerâ€™s thought experiment. <i>Physics Education</i> , 2016, 51, 055009.	0.5	10
9	Design knowledge and teacherâ€™student interactions in an inventive construction task. <i>International Journal of Technology and Design Education</i> , 2013, 23, 675-689.	2.6	8
10	Textbook images: how do they invite students into physics?. <i>Physics Education</i> , 2013, 48, 648-656.	0.5	7
11	Studentsâ€™ use of the interactive whiteboard during physics group work. <i>European Journal of Engineering Education</i> , 2015, 40, 115-127.	2.3	7
12	Observation in quantum physics: challenges for upper secondary physics students in discussing electrons as waves. <i>Physics Education</i> , 2019, 54, 065002.	0.5	6
13	Science and Mathematics as part of practical projects in technology and design: An analysis of challenges in realising the curriculum in Norwegian schools.. <i>Nordic Studies in Science Education</i> , 2014, 10, 3-15.	0.2	4
14	Teknologi og Design i norsk skole: Faget som Å«ikke bleÅ». <i>Norsk Pedagogisk Tidsskrift</i> , 2004, 88, 382-394.	0.2	2
15	â€œNever at restâ€” developing a conceptual framework for descriptions of â€”forceâ€™ in physics textbooks. <i>Nordic Studies in Science Education</i> , 2020, 16, 183-198.	0.2	2
16	Ski lifts, bowling balls, pipe system or waterfall? Lower secondary studentsâ€™ understanding of analogies for electric circuits.. <i>Nordic Studies in Science Education</i> , 2020, 16, 37-51.	0.2	2
17	Incorporating creativity in science and mathematics teaching:. <i>Nordic Studies in Science Education</i> , 2022, 18, 98-111.	0.2	2
18	What do quantum computing students need to know about quantum physics?. <i>European Journal of Physics</i> , 2022, 43, 055706.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Mathematical speech and practical action: a case study of the challenges of including mathematics in a school technology project. <i>International Journal of Mathematical Education in Science and Technology</i> , 2014, 45, 1131-1145.	1.4	1
20	FoU i Praksis: Bruk av språk og diskusjoner for å fremme elevers forståelse i kvantefysikk gjennom digitale ressurser. <i>Nordisk Tidsskrift for Pedagogikk Og Kritikk</i> , 2016, 2, .	0.2	1
21	Linking Knowledge and Activities: How can Classroom Activities in Technology Reflect Professional Technological Knowledge and Practices?. <i>Springer International Handbooks of Education</i> , 2018, , 567-579.	0.1	1
22	«Ingen kan bygge romferge alene» - Læreres utbytte av faglig etterutdanning innen romteknologi. "«You can't build the space shuttle all alone!» - How teachers benefit from participating in an in-service course in space technology". <i>Nordic Studies in Science Education</i> , 2012, 8, 213-226.	0.2	0
23	Linking Knowledge and Activities: How can Classroom Activities in Technology Reflect Professional Technological Knowledge and Practices?. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-13.	0.1	0
24	Elevator speech: Students' discussions of forces and acceleration by means of a scale in an elevator. <i>Lumat</i> , 2022, 10, .	0.5	0