

# 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	Incorporating creativity in science and mathematics teaching:. Nordic Studies in Science Education, 2022, 18, 98-111.	0.2	2
2	Elevator speech: Studentsâ€™ discussions of forces and acceleration by means of a scale in an elevator. Lumat, 2022, 10, .	0.5	0
3	What do quantum computing students need to know about quantum physics?. European Journal of Physics, 2022, 43, 055706.	0.6	2
4	â€œNever at restâ€ developing a conceptual framework for descriptions of â€forceâ€™ in physics textbooks. Nordic Studies in Science Education, 2020, 16, 183-198.	0.2	2
5	Ski lifts, bowling balls, pipe system or waterfall? Lower secondary studentsâ€™ understanding of analogies for electric circuits.. Nordic Studies in Science Education, 2020, 16, 37-51.	0.2	2
6	Observation in quantum physics: challenges for upper secondary physics students in discussing electrons as waves. Physics Education, 2019, 54, 065002.	0.5	6
7	What Is Light?. Science and Education, 2018, 27, 81-111.	2.7	25
8	Quantum talk: How smallâ€™group discussions may enhance studentsâ€™ understanding in quantum physics. Science Education, 2018, 102, 856-877.	3.0	37
9	Linking Knowledge and Activities: How can Classroom Activities in Technology Reflect Professional Technological Knowledge and Practices?. Springer International Handbooks of Education, 2018, , 567-579.	0.1	1
10	â€From the catâ€™s point of viewâ€™: upper secondary physics studentsâ€™ reflections on SchrÃ¶dingerâ€™s thought experiment. Physics Education, 2016, 51, 055009.	0.5	10
11	FoU i Praksis: Bruk av sprÃ¥k og diskusjoner for Ã¥ fremme elevers forståelse i kvantefysikk gjennom digitale ressurser. Nordisk Tidsskrift for Pedagogikk Og Kritikkk, 2016, 2, .	0.2	1
12	Linking Knowledge and Activities: How can Classroom Activities in Technology Reflect Professional Technological Knowledge and Practices?. Encyclopedia of Earth Sciences Series, 2016, , 1-13.	0.1	0
13	Studentsâ€™ use of the interactive whiteboard during physics group work. European Journal of Engineering Education, 2015, 40, 115-127.	2.3	7
14	ReleQuant â€ Improving teaching and learning in quantum physics through educational design research. Nordic Studies in Science Education, 2015, 11, 153-168.	0.2	26
15	Mathematical speech and practical action: a case study of the challenges of including mathematics in a school technology project. International Journal of Mathematical Education in Science and Technology, 2014, 45, 1131-1145.	1.4	1
16	Relativity, quantum physics and philosophy in the upper secondary curriculum: challenges, opportunities and proposed approaches. Physics Education, 2014, 49, 678-684.	0.5	53
17	Science and Mathematics as part of practical projects in technology and design: An analysis of challenges in realising the curriculum in Norwegian schools.. Nordic Studies in Science Education, 2014, 10, 3-15.	0.2	4
18	Design knowledge and teacherâ€™student interactions in an inventive construction task. International Journal of Technology and Design Education, 2013, 23, 675-689.	2.6	8

#	ARTICLE	IF	CITATIONS
19	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
20	Textbook images: how do they invite students into physics?. <i>Physics Education</i> , 2013, 48, 648-656.	0.5	7
21	â€œIngen kan bygge romferge aleneâ€- L�reres utbytte av faglig etterutdanning innen romteknologi. "â€œYou canâ€™t build the space shuttle all alone!â€- 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
22	Science students' critical examination of scientific information related to socioscientific issues. <i>Science Education</i> , 2006, 90, 632-655.	3.0	108
23	Transferring and Transforming Technology Education: A Study of Norwegian Teachers' Perceptions of Ideas from Design & Technology. <i>International Journal of Technology and Design Education</i> , 2006, 16, 31-52.	2.6	11
24	Teknologi og Design i norsk skole: Faget som "ikke ble". <i>Norsk Pedagogisk Tidsskrift</i> , 2004, 88, 382-394.	0.2	2