

Hans E Fischer

List of Publications by Year in descending order

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11
papers

518
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Professional Competencies for Teaching Physics. Challenges in Physics Education, 2021, , 25-53.	0.8	4
2	Science Teachers'™ Use of a Concept Map Marking Guide as a Formative Assessment Tool for the Concept of Energy. Educational Assessment, 2017, 22, 95-110.	1.5	14
3	The impact of physics teachers'™ pedagogical content knowledge and motivation on students'™ achievement and interest. Journal of Research in Science Teaching, 2017, 54, 586-614.	3.3	143
4	Evaluation of a Teaching Unit Based on a Problem-Solving Model for Seventh-Grade Students. Zeitschrift für Didaktik Der Naturwissenschaften, 2017, 23, 205-224.	0.6	5
5	The Development of Students'™ Physics Competence in Middle School. Methodology of Educational Measurement and Assessment, 2017, , 247-262.	0.4	3
6	Developing and evaluating a paper-and-pencil test to assess components of physics teachers'™ pedagogical content knowledge. International Journal of Science Education, 2016, 38, 1343-1372.	1.9	44
7	INVESTIGATING THE IMPACT OF TEACHERS'™ PHYSICS CK ON STUDENTS OUTCOMES. International Journal of Science and Mathematics Education, 2015, 13, 1211-1233.	2.5	12
8	What Makes the Finnish Different in Science? Assessing and Comparing Students' Science Learning in Three Countries. International Journal of Science Education, 2014, 36, 3042-3066.	1.9	16
9	Towards a learning progression of energy. Journal of Research in Science Teaching, 2013, 50, 162-188.	3.3	200
10	DESIGN, DEVELOPMENT AND VALIDATION OF A MODEL OF PROBLEM SOLVING FOR EGYPTIAN SCIENCE CLASSES. International Journal of Science and Mathematics Education, 2013, 11, 1157-1181.	2.5	8
11	FROM PISA TO EDUCATIONAL STANDARDS: THE IMPACT OF LARGE-SCALE ASSESSMENTS ON SCIENCE EDUCATION IN GERMANY. International Journal of Science and Mathematics Education, 2010, 8, 545-563.	2.5	68