

Hans E Fischer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10414082/publications.pdf>

Version: 2024-02-01

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