

Johannes Pernaa

List of Publications by Year in descending order

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11
papers

83
citations

1477746
6
h-index

1588620
8
g-index

12
all docs

12
docs citations

12
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing technological pedagogical science knowledge through educational computational chemistry: a case study of pre-service chemistry teachers's™ perceptions. Chemistry Education Research and Practice, 2020, 21, 638-654.	1.4	20
2	A systematic review of 3D printing in chemistry education " analysis of earlier research and educational use through technological pedagogical content knowledge framework. Chemistry Teacher International, 2020, 2, .	0.9	18
3	The Effects of Using Socio-Scientific Issues and Technology in Problem-Based Learning: A Systematic Review. Education Sciences, 2021, 11, 640.	1.4	14
4	Possibilities and Challenges of Using Educational Cheminformatics for STEM Education: A SWOT Analysis of a Molecular Visualization Engineering Project. Journal of Chemical Education, 2022, 99, 1190-1200.	1.1	9
5	Learning Reaction Kinetics through Sustainable Chemistry of Herbicides: A Case Study of Preservice Chemistry Teachers's™ Perceptions of Problem-Based Technology Enhanced Learning. Journal of Chemical Education, 2021, 98, 1571-1582.	1.1	8
6	Learning Organic Chemistry through a Study of Semiochemicals. Journal of Chemical Education, 2011, 88, 1644-1647.	1.1	6
7	The Relevance of Radiochemistry: Perceptions of Future Radiochemists. Journal of Chemical Education, 2021, 98, 426-433.	1.1	5
8	Supporting the Relevance of Chemistry Education through Sustainable Ionic Liquids Context: A Research-Based Design Approach. Sustainability, 2022, 14, 6220.	1.6	2
9	Edumol: Avoin ja ilmainen molekyyli mallinnusovellus kemian opetuksen tueksi. Lumat, 2015, 3, 960-975.	0.2	1
10	Nanotechnology teaching material for junior high school chemistry teaching: Design research approach. Lumat, 2013, 1, 17-28.	0.2	0
11	The history, current state and future of electronic chemistry learning environments. Lumat, 2013, 1, 435-456.	0.2	0