

undefined Sutopo

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

91
citations

1936888

4
h-index

1372195

10
g-index

21
all docs

21
docs citations

21
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	IMPACT OF A REPRESENTATIONAL APPROACH ON STUDENTS'™ REASONING AND CONCEPTUAL UNDERSTANDING IN LEARNING MECHANICS. International Journal of Science and Mathematics Education, 2014, 12, 741-765.	1.5	45
2	Critical Thinking, Creative Thinking, and Learning Achievement: How They are Related. Journal of Physics: Conference Series, 2019, 1417, 012070.	0.3	24
3	The Effectiveness of Web-Based Recitation Program on Improving Students'™ Conceptual Understanding in Fluid Mechanics. Jurnal Pendidikan IPA Indonesia, 2020, 9, 219-230.	0.5	5
4	Identification of high school students'™ problem-solving skills on rotational dynamics. Journal of Physics: Conference Series, 2019, 1171, 012028.	0.3	4
5	Contrasting-cases problems: learning material to improve students'™ conceptual understanding on magnetism. Journal of Physics: Conference Series, 2018, 1097, 012028.	0.3	3
6	Implementation of conceptual problem solving (CPS) in the 5E learning cycle to improve students'™ understanding of archimedes principle. AIP Conference Proceedings, 2020, , .	0.3	2
7	The analysis of college students difficulty in acquiring static fluid concept. Momentum: Physics Education Journal, 0, , 11-18.	0.0	2
8	Recitation program to improve students'™ conceptual understanding of Thermodynamics. Journal of Physics: Conference Series, 2019, 1417, 012069.	0.3	1
9	Computer-assisted recitation program to improve students'™ conceptual understanding. AIP Conference Proceedings, 2019, , .	0.3	1
10	Drawing ability of force diagram with modeling instruction based free-body diagram learning. AIP Conference Proceedings, 2020, , .	0.3	1
11	Teaching integrated Newton's™ laws of motion for high school students. AIP Conference Proceedings, 2021, , .	0.3	1
12	Development of Android-based application: Innovation for the calculus for physics course. AIP Conference Proceedings, 2021, , .	0.3	1
13	Concept enhancement of undergraduate students in static fluid by using assisted web-based recitation program. AIP Conference Proceedings, 2020, , .	0.3	1
14	Students'™ reasoning in analyzing temperature from P - V diagram representing unfamiliar thermodynamics process. Journal of Physics: Conference Series, 2018, 1097, 012012.	0.3	0
15	Development of multiple representation learning model based on HOTS students in straight motion material. AIP Conference Proceedings, 2019, , .	0.3	0
16	Students' understanding of circular motion with multi representational approach. AIP Conference Proceedings, 2020, , .	0.3	0
17	Improving students'™ understanding of kinematics concepts through multi-representational learning. AIP Conference Proceedings, 2020, , .	0.3	0
18	Improving students'™ problem solving skills of heat and temperature through modeling instruction. AIP Conference Proceedings, 2020, , .	0.3	0

#	ARTICLE	IF	CITATIONS
19	Improving students conceptual understanding on kinetic theory of gas through modeling instruction. AIP Conference Proceedings, 2020, , .	0.3	0
20	University studentsâ€™ conceptual understanding of thermodynamics with conceptual problem-solving approach (CPS). AIP Conference Proceedings, 2021, , .	0.3	0
21	Are pre-service teachersâ€™ still having misconceptions? study in static fluid topic. AIP Conference Proceedings, 2021, , .	0.3	0