Sri Rahayu

List of Publications by Year
in descending order

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21 papers	172 citations	1162367 8 h-index	1199166 12 g-index
21 all docs	21 docs citations	21 times ranked	102 citing authors

#	Article	IF	Citations
1	Progression in primary school children's conceptions of burning: Toward an understanding of the concept of substance. Research in Science Education, 1999, 29, 295-312.	1.4	19
2	Promoting the 21st century scientific literacy skills through innovative chemistry instruction. AIP Conference Proceedings, 2017, , .	0.3	19
3	Assessment of electrochemical concepts: a comparative study involving senior high-school students in Indonesia and Japan. Research in Science and Technological Education, 2011, 29, 169-188.	1.4	18
4	UNDERSTANDING ACIDâ€“BASE CONCEPTS: EVALUATING THE EFFICACY OF A SENIOR HIGH SCHOOL STUDENT-CENTRED INSTRUCTIONAL PROGRAM IN INDONESIA. International Journal of Science and Mathematics Education, 2011, 9, 1439-1458.	1.5	18
5	AN ANALYSIS OF INDONESIAN AND JAPANESE STUDENTSâ€™ UNDERSTANDINGS OF MACROSCOPIC AND SUBMICROSCOPIC LEVELS OF REPRESENTING MATTER AND ITS CHANGES. International Journal of Science and Mathematics Education, 2010, 8, 667-688.	1.5	16
6	A Survey of Indonesian Science Teachersâ€™ Experience and Perceptions toward Socio-Scientific Issues-Based Science Education. Education Sciences, 2020, 10, 39.	1.4	14
7	Effectiveness of POGIL with SSI Context on Vocational High School Studentsâ€™ Chemistry Learning Motivation. Jurnal Pendidikan IPA Indonesia, 2018, 7, 85-95.	0.5	12
8	Chemical Literacy: Performance of First Year Chemistry Students on Chemical Kinetics. Indonesian Journal of Chemistry, 2020, 20, 468.	0.3	12
9	Evaluating the Affective Dimension in Chemistry Education. , 2015, , 29-49.		9
10	Effectiveness of Dual Situated Learning Model in Improving High School Studentsâ€™ Conceptions of Chemistry Equilibrium and Preventing Their misconceptions. Journal of Science Learning, 2020, 3, 99-105.	0.1	7
11	High School and Preservice Chemistry Teacher Education Studentsâ€™ Understanding of Voltaic and Electrolytic Cell Concepts: Evidence of Consistent Learning Difficulties Across Years. International Journal of Science and Mathematics Education, 2022, 20, 1859-1882.	1.5	7
12	Effects of the Metacognitive Learning Strategy on the Quality of Prospective Chemistry Teacherâ€™s Scientific Explanations. International Journal of Instruction, 2018, 11, 673-688.	0.6	5
13	Gagasan Model Pembelajaran Mobileâ€“NOS Untuk Peningkatan Literasi Sains Siswa. Hydrogen Jurnal Kependidikan Kimia, 2019, 6, 49.	0.1	4
14	How guided inquiry and coupled inquiry influence students attitude toward chemistry in buffer solution and solubility topics. AIP Conference Proceedings, 2018, , .	0.3	3
15	Studentsâ€™ higher order thinking skills (HOTS) in metacognitive learning strategy. AIP Conference Proceedings, 2021, , .	0.3	3
16	Correlation amongst understanding of NOS, conceptual understanding, and science process skill of undergraduate students on general chemistry. , 2020, , .		2
17	High School Students' Attitudes about Socioscientific Issues Contextualized in Inquiry-based Chemistry Instruction. , 2018, , .		1
18	The Influence of Mobile-NOS Model of Learning towards Students Understanding on the Nature of Science. Journal of Physics: Conference Series, 2020, 1464, 012015.	0.3	1

#	Article	IF	Citations
19	Fostering ill-structured problem-solving skills of chemistry students using socioscientific issues as learning contexts. AIP Conference Proceedings, 2020, , .	0.3	1
20	The effect of socioscientific issues embedded in explanation-driven inquiry (EDI) learning model on high school studentsâ€™ conceptual understanding of reaction rate. , 2021, , .		1
21	The impact of 4ERE learning cycle on vocational student learning motivation of adaptive chemistry subjects. AIP Conference Proceedings, 2020, , .	0.3	0