Zaleha Ismail

List of Publications by Year
in descending order

41 papers	259 citations

1307594

7 h-index	

1058476

14 g-index	

41 all docs	41 docs citations
41 times ranked	178 citing authors

#	Article	IF	Citations
1	A Meta-Analysis on Effective Strategies for Integrated STEM Education. Advanced Science Letters, 2016, 22, 4225-4228.	0.2	59
2	A Rasch Model Analysis on Secondary Students' Statistical Reasoning Ability in Descriptive Statistics. Procedia, Social and Behavioral Sciences, 2014, 129, 133-139.	0.5	29
3	Developing Statistical Reasoning Assessment Instrument for High School Students in Descriptive Statistics. Procedia, Social and Behavioral Sciences, 2014, 116, 4338-4343.	0.5	21
4	Obstacles in the Learning of Two-variable Functions through Mathematical Thinking Approach. Procedia, Social and Behavioral Sciences, 2010, 8, 173-180.	0.5	18
5	Assessing Misconceptions in Reasoning About Variability Among High School Students. Procedia, Social and Behavioral Sciences, 2013, 93, 1478-1483.	0.5	15
6	Supporting Students Mathematical Thinking in the Learning of Two-Variable Functions Through Blended Learning. Procedia, Social and Behavioral Sciences, 2012, 46, 3689-3695.	0.5	13
7	Students' Ability in Free, Semi-Structured and Structured Problem Posing Situations. Advanced Science Letters, 2016, 22, 4205-4208.	0.2	13
8	Peer Interactions in Computer-Supported Collaborative Learning using Dynamic Mathematics Software. Procedia, Social and Behavioral Sciences, 2010, 8, 600-608.	0.5	7
9	A Framework for Assessing High School Students' Statistical Reasoning. PLoS ONE, 2016, 11, e0163846.	2.5	7
10	Promoting Creative Problem Solving in Engineering Mathematics through blended learning. , 2011, , .		6
11	Fostering Mathematical Thinking in the Learning of Multivariable Calculus Through Computer-Based Tools. Procedia, Social and Behavioral Sciences, 2012, 46, 5534-5540.	0.5	5
12	Malaysian students' misconceptions about measures of central tendency: An error analysis. , 2015, , .		5
13	The Elements of Teachers' Competency for Creative Teaching in Mathematics. International Education Studies, 2015, 8, .	0.6	5
14	A cross-national comparison of mathematical problems on numbers and operations-related topics in five countries. School Science and Mathematics, 2021, 121, 72-84.	0.9	5
15	Students' Higher Order Thinking Skills and Their Relationships with Problem Posing Ability. Advanced Science Letters, 2017, 23, 2876-2879.	0.2	5
16	A framework for integrating cooperative learning and creative problem solving in engineering mathematics. , 2013, , .		4
17	Integrated Science, Technology, Engineering, Mathematics Learning in Natural Disaster Earthquake among Form Two Students. , 2017, , .		4
18	Mathematical Competency of Engineers and Engineering Students. , 2014, , .		3

#	Article	IF	Citations
19	Attitude of Secondary Students towards the Use of GeoGebra in Learning Loci in Two Dimensions. International Education Studies, 2015, 8, .	0.6	3
20	ASSESSING STATISTICAL REASONING IN DESCRIPTIVE STATISTICS: A QUALITATIVE META-ANALYSIS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	3
21	Development and Validation of Problem Solving Task Based-Integrated STEM. , 2018, , .		3
22	A Comparative Analysis on Cognitive Domain for the Malaysian Primary Four Textbook Series. Eurasia Journal of Mathematics, Science and Technology Education, 2018, 14, .	1.3	3
23	Mathematical Thinking in Differential Equations Among Pre-Service Teachers. Jurnal Teknologi (Sciences and Engineering), 2013, 63, .	0.4	3
24	Teaching and Learning Theories Applied in Mathematics Classroom among Primary School Teachers. , 2017, , .		2
25	Geometrical Thinking with Technology: A Systematic Literature Review. , 2018, , .		2
26	Framework of Integrating Algebraic Thinking in Problem-Based Learning via Online Environment for School Students. , 2018, , .		2
27	Using Maths Model Method In Solving Pre-Algebraic Problems Among Year Five Students. , 2018, , .		2
28	Learning Functions of Two Variables Based on Mathematical Thinking Approach. Jurnal Teknologi (Sciences and Engineering), 2013, 63, .	0.4	2
29	The Impact of Statistical Reasoning Learning Environment: A Rasch Analysis. Advanced Science Letters, 2015, 21, 1211-1215.	0.2	2
30	Relationship of Mathematics Anxiety and Mathematics Confidence Among Engineering Students. Advanced Science Letters, 2015, 21, 2400-2403.	0.2	2
31	Mathematical Problem Solving Skills Among High Achiever Students. Advanced Science Letters, 2017, 23, 7494-7498.	0.2	2
32	Gender and Mathematics Performance of Primary Students in Higher Order Thinking Skills. , 2017, , .		1
33	Creative Thinking of Engineering Undergraduates through Brainstorming during Mathematical Problem Solving. , 2018, , .		1
34	A Case Study to Identify Level of Numeracy Competency Among High Achievers. Advanced Science Letters, 2017, 23, 8313-8315.	0.2	1
35	Designing a Blended Learning Model to Support Mathematical Thinking in Multivariable Calculus. , 0, , 221-239.		1
36	Contemporary issues on using information technology for mathematically gifted students. , 2011, , .		0

#	Article	IF	Citations
37	Teaching mathematical structures in differential equations using a computer algebra system to engineering students. , 2015, , .		0
38	An educational portal to facilitate statistical literacy for the Malaysian community. , 2015, , .		0
39	Using an online web magazine to motivate the learning of statistics. , 2015, , .		0
40	A Refined Technology-Based Statistical Reasoning Assessment Tool in Descriptive Statistics. Advanced Science Letters, 2015, 21, 2352-2355.	0.2	0
41	Blended Learning Environment in Tertiary Education: A Meta-Analysis. Advanced Science Letters, 2016, 22, 4263-4266.	0.2	0