Cucuk Wawan Budiyanto

List of Publications by Year
in descending order

59 papers	139 citations	1478505 6 h-index	1474206 9 g-index
59 all docs	59 docs citations	59 times ranked	68 citing authors

#	Article	IF	Citations
1	Optimization of immersion cooling performance using the Taguchi Method. Case Studies in Thermal Engineering, 2020, 21, 100729.	5.7	17
2	The contribution of robotics education in primary schools: Teaching and learning. AIP Conference Proceedings, 2019, , .	0.4	12
3	The development of the effective learning environment by creating an effective teaching in the classroom.. IJIE (Indonesian Journal of Informatics Education), 2017, 1, 79.	0.3	9
4	Designing Embedded Case Study Research Approach in Educational Research. International Journal of Pedagogy and Teacher Education, 2019, 3, 1.	0.6	9
5	Literature review of robotics learning devices to facilitate the development of computational thinking in early childhood. AIP Conference Proceedings, 2019, , .	0.4	6
6	The Influences of Problem-Based Learning Model with Fishbone Diagram to Students's Critical Thinking Ability. IJIE (Indonesian Journal of Informatics Education), 2017, 1, 171.	0.3	6
7	The Development of Video Learning to Deliver a Basic Algorithm Learning. IJIE (Indonesian Journal of) Tj ETQq1 1 0.784314 rgBT /Over	0.3	6
8	Hands-on Learning In STEM: Revisiting Educational Robotics as a Learning Style Precursor. Open Engineering, 2020, 10, 649-657.	1.6	6
9	The contribution of the Internet of Things and smart systems to agricultural practices: A survey. IOP Conference Series: Materials Science and Engineering, 2021, 1098, 052100.	0.6	5
10	The Influence of E-learning Use to Student Cognitive Performance and Motivation in Digital Simulation Course. IJIE (Indonesian Journal of Informatics Education), 2017, 1, 127.	0.3	5
11	The Influence of Educational Robotics to Computational Thinking Skill in Early Childhood Education. , 2018, , .		5
12	Understanding students behavior during the adoption of modular robotics in learning. IOP Conference Series: Materials Science and Engineering, 2018, 434, 012263.	0.6	4
13	Behavioral patterns of vocational students in Lego Mindstorm: A literature review. AIP Conference Proceedings, 2019, , .	0.4	4
14	Decision Support Systems Development for an Artificial Insemination Project in Community Based Precision Livestock Farming. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012242.	0.6	3
15	The development of prototype context-aware smart home to facilitate the learning of smart green building: Literature review. AIP Conference Proceedings, 2019, , .	0.4	3
16	Abstract Thinking Skills of High School Students in STEM Learning: Literature Review. Journal of Physics: Conference Series, 2021, 1808, 012019.	0.4	3
17	Developing Computational Thinking Ability in Early Childhood Education: The Influence of Programming-toy on Parent-Children Engagement. International Journal of Pedagogy and Teacher Education, 2021, 5, 19.	0.6	3
18	Analysis Of The 21st Century Skills Achievement Using Constructivist Learning With Arduino Based Driverless Vehicle Technology. , 2018, , .		3

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19	Data Similarity Filtering of Wartegg Personality Test Result using Cosine-Similarity. International Journal of Recent Contributions From Engineering, Science & IT, 2018, 6, 19.	1.5	3
20	The Design of Children Educational Game Interface: Review of the Literature. , 2017, , .		3
21	The Influence of Learning Management Technology to Student's Learning Outcome. International Journal of Pedagogy and Teacher Education, 2017, 1, .	0.6	3
22	The Contribution of Educational Robotics and Constructivist Approach to Computational Thinking in the 21st Century. , 2018, , .		3
23	Robotics-based learning to support computational thinking skills in early childhood. AIP Conference Proceedings, 2019, , .	0.4	2
24	Revisiting the roles of educational robotics in improving learners' computational thinking skills and their positive behaviour. Journal of Physics: Conference Series, 2020, 1511, 012088.	0.4	2
25	Can Interactive Learning Improve Learning Experience? A Systematic Review of the Literature. , 2017, , .		2
26	Hands-on learning on renewable energy – A proposed approach for technology dissemination. AIP Conference Proceedings, 2018, , .	0.4	1
27	Comparison between TAM, EUCS, TTF analysis to evaluate user acceptance for conference management system. AIP Conference Proceedings, 2019, , .	0.4	1
28	Beyond computational thinking: Investigating CT roles in the 21st century skill efficacy. AIP Conference Proceedings, 2019, , .	0.4	1
29	Cluster Analysis for Student Grouping Based on Index of Learning Styles. Journal of Physics: Conference Series, 2021, 1808, 012023.	0.4	1
30	TECHNOLOGICAL PEDAGOGICAL AND CONTENT KNOWLEDGE (TPACK) FOR OVERCOMING TEACHER PROBLEMS IN VOCATIONAL EDUCATION AND CHALLENGES IN THE 21ST CENTURY. Journal of Mechanical Engineering and Vocational Education (JoMEVE), 2019, 2, 33.	0.0	1
31	Improving Foreign Language Learning by the Mean of Learning Management System: Review of the Literature. , 2017, , .		1
32	Technology Acceptance Model in the Analysis of the Influence Of E-Learning Implementation to Students' Motivation. IJIE (Indonesian Journal of Informatics Education), 2018, 2, 51.	0.3	1
33	Technology Acceptance Model for Examining the Feasibility of a Computer-based Test System (an) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	1
34	Remote interpreter API model for supporting computer programming adaptive learning. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 153.	0.8	1
35	Assessing Lecturers' Acceptance towards Online Learning System: The Institutional Theory Perspective. IJIE (Indonesian Journal of Informatics Education), 2020, 4, 62.	0.3	1
36	STEM-Project Based Learning Integration On Bioacoustics Worksheet To Enhance Critical Thinking Skills. , 2020, , .		1

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37	Pre-service Teacher Conceptions of Integrated STEM Using the Engineering Design Approach. , 2020, , .		1
38	Pre-service teachers perspective in developing TPACK: Literature review. AIP Conference Proceedings, 2019, , .	0.4	0
39	TPS's role in participatory learning : Knowledge accumulative. AIP Conference Proceedings, 2019, , .	0.4	0
40	Revisting blended learning in TPACK: Literature review. AIP Conference Proceedings, 2019, , .	0.4	0
41	The Development of E-Worksheet Based on Project to Promote Student's Creative Thinking and Digital Literacy Skills. , 0, , .		0
42	DEVELOPMENT OF SCIENCE TEST TO MEASURE HOTS AND DIGITAL LITERACY OF JUNIOR HIGH SCHOOL STUDENTS ON THE TOPIC OF CITY NOISE. Edusains, 2021, 12, 203-213.	0.4	0
43	Parents Role in Learning of Elementary Students During The Covid-19 Pandemic. Pancaran Pendidikan, 2021, 10, .	0.1	0
44	The Influence of Educational Robotics to Abstraction Skill in High School. Journal of Physics: Conference Series, 2021, 1808, 012018.	0.4	0
45	Measuring mobile applications user's satisfaction: A closer look into the appropriate information systems user's satisfaction. IOP Conference Series: Materials Science and Engineering, 2021, 1098, 042002.	0.6	0
46	Comparison Study of Solar Panels with Horizontal Turbine as an Alternative Electric Energy Source. Journal of Physics: Conference Series, 2021, 1808, 012006.	0.4	0
47	The 21 st century science learning: HOTS and digital literacy among junior high school students in Semarang, Indonesia. Journal of Physics: Conference Series, 2021, 1842, 012081.	0.4	0
48	Mitigasi Dampak Pandemi COVID-19 melalui Sosialisasi: Laporan KKN Tematik COVID-19 2020. DEDIKASI Community Service Reports, 2021, 3, .	0.0	0
49	Alleviate the contending issues in network operating system courses: Psychomotor and troubleshooting skill development with Raspberry Pi. Open Engineering, 2021, 11, 772-781.	1.6	0
50	The Application of Mind Mapping Learning Model to Improve the Students' Learning Outcomes and Liveliness. , 2017, , .		0
51	The Development of a Competency Testing Systems: Adopting TAM to Explore User's Acceptance. IJIE (Indonesian Journal of Informatics Education), 2017, 1, 87.	0.3	0
52	Assessing Student's Readiness For Working : A Soft Skill Perspective on School's Led Internship Program. Journal of Informatics and Vocational Education, 2019, 1, .	0.0	0
53	Pengaruh Strategi Practice Rehearsal Pair Dalam Model Pembelajaran Active Learning Terhadap Kreativitas Dan Collaboration Skill Siswa Pada Mata Pelajaran Dasar Desain Grafis. Journal of Informatics and Vocational Education, 2021, 3, .	0.0	0
54	Penerapan Teknologi Image Processing untuk Optimalisasi Petik Merah pada Kebun Kopi Rakyat. DEDIKASI Community Service Reports, 2020, 2, .	0.0	0

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55	The Effectiveness of Android Based Digital Arithmetic Learning Media with Discovery-Based Learning Model to the Learning Achievement of Computer System Subject of Grade X of Multimedia Class at Vocational High School in Surakarta. IJIE (Indonesian Journal of Informatics Education), 2020, 3, .	0.3	0
56	Comparative Study to Video Tutorial and Peer Tutor on Student's Learning Outcomes on 2 Dimensional Animation Techniques. IJIE (Indonesian Journal of Informatics Education), 2020, 3, .	0.3	0
57	Context-aware Smart Home Berbasis Internet of Things : Tinjauan Pustaka. Journal of Informatics and Vocational Education, 2019, 3, .	0.0	0
58	Pendekatan Inovatif dalam Mengantisipasi Penyebaran COVID-19: Laporan KKN Tematik COVID-19 2020.. DEDIKASI Community Service Reports, 2020, 2, .	0.0	0
59	Mengubah Sampah Organik Menjadi Eco Enzym Multifungsi: Inovasi di Kawasan Urban. DEDIKASI Community Service Reports, 2022, 4, .	0.0	0