

# Cucuk Wawan Budiyanto

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Mengubah Sampah Organik Menjadi Eco Enzym Multifungsi: Inovasi di Kawasan Urban. DEDIKASI Community Service Reports, 2022, 4, .	0.0	0
2	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
3	Parents Role in Learning of Elementary Students During The Covid-19 Pandemic. Pancaran Pendidikan, 2021, 10, .	0.1	0
4	The Influence of Educational Robotics to Abstraction Skill in High School. Journal of Physics: Conference Series, 2021, 1808, 012018.	0.4	0
5	Measuring mobile applications userâ€™s satisfaction: A closer look into the appropriate information systems userâ€™s satisfaction. IOP Conference Series: Materials Science and Engineering, 2021, 1098, 042002.	0.6	0
6	Abstract Thinking Skills of High School Students in STEM Learning: Literature Review. Journal of Physics: Conference Series, 2021, 1808, 012019.	0.4	3
7	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
8	Cluster Analysis for Student Grouping Based on Index of Learning Styles. Journal of Physics: Conference Series, 2021, 1808, 012023.	0.4	1
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 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
11	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
12	Mitigasi Dampak Pandemi COVID-19 melalui Sosialisasi: Laporan KKN Tematik COVID-19 2020. DEDIKASI Community Service Reports, 2021, 3, .	0.0	0
13	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
14	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
15	Revisiting the roles of educational robotics in improving learnersâ€™ computational thinking skills and their positive behaviour. Journal of Physics: Conference Series, 2020, 1511, 012088.	0.4	2
16	Optimization of immersion cooling performance using the Taguchi Method. Case Studies in Thermal Engineering, 2020, 21, 100729.	5.7	17
17	Hands-on Learning In STEM: Revisiting Educational Robotics as a Learning Style Precursor. Open Engineering, 2020, 10, 649-657.	1.6	6
18	Assessing Lecturersâ€™ Acceptance towards Online Learning System: The Institutional Theory Perspective. IJIE (Indonesian Journal of Informatics Education), 2020, 4, 62.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Penerapan Teknologi Image Processing untuk Optimalisasi Petik Merah pada Kebun Kopi Rakyat. DEDIKASI Community Service Reports, 2020, 2, .	0.0	0
20	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
21	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
22	STEM-Project Based Learning Integration On Bioacoustics Worksheet To Enhance Critical Thinking Skills. , 2020, , .		1
23	Pendekatan Inovatif dalam Mengantisipasi Penyebaran COVID-19: Laporan KKN Tematik COVID-19 2020.. DEDIKASI Community Service Reports, 2020, 2, .	0.0	0
24	Pre-service Teacher Conceptions of Integrated STEM Using the Engineering Design Approach. , 2020, , .		1
25	Behavioral patterns of vocational students in Lego Mindstorm: A literature review. AIP Conference Proceedings, 2019, , .	0.4	4
26	Robotics-based learning to support computational thinking skills in early childhood. AIP Conference Proceedings, 2019, , .	0.4	2
27	Comparison between TAM, EUCS, TTF analysis to evaluate user acceptance for conference management system. AIP Conference Proceedings, 2019, , .	0.4	1
28	Pre-service teachers perspective in developing TPACK: Literature review. AIP Conference Proceedings, 2019, , .	0.4	0
29	The contribution of robotics education in primary schools: Teaching and learning. AIP Conference Proceedings, 2019, , .	0.4	12
30	TPS's role in participatory learning : Knowledge accumulative. AIP Conference Proceedings, 2019, , .	0.4	0
31	Revisting blended learning in TPACK: Literature review. AIP Conference Proceedings, 2019, , .	0.4	0
32	Literature review of robotics learning devices to facilitate the development of computational thinking in early childhood. AIP Conference Proceedings, 2019, , .	0.4	6
33	Beyond computational thinking: Investigating CT roles in the 21st century skill efficacy. AIP Conference Proceedings, 2019, , .	0.4	1
34	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
35	Designing Embedded Case Study Research Approach in Educational Research. International Journal of Pedagogy and Teacher Education, 2019, 3, 1.	0.6	9
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Remote interpreter API model for supporting computer programming adaptive learning. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 153.	0.8	1
39	Context-aware Smart Home Berbasis Internet of Things : Tinjauan Pustaka. Journal of Informatics and Vocational Education, 2019, 3, .	0.0	0
40	Understanding students behavior during the adoption of modular robotics in learning. IOP Conference Series: Materials Science and Engineering, 2018, 434, 012263.	0.6	4
41	Hands-on learning on renewable energy – A proposed approach for technology dissemination. AIP Conference Proceedings, 2018, , .	0.4	1
42	Analysis Of The 21st Century Skills Achievement Using Constructivist Learning With Arduino Based Driverless Vehicle Technology. , 2018, , .		3
43	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
44	The Influence of Educational Robotics to Computational Thinking Skill in Early Childhood Education. , 2018, , .		5
45	The Contribution of Educational Robotics and Constructivist Approach to Computational Thinking in the 21st Century. , 2018, , .		3
46	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
47	Technology Acceptance Model for Examining the Feasibility of a Computer-based Test System (an) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	1
48	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
49	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
50	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
51	The Development of Video Learning to Deliver a Basic Algorithm Learning. IJIE (Indonesian Journal of) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	6
52	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
53	Can Interactive Learning Improve Learning Experience? A Systematic Review of the Literature. , 2017, , .		2
54	Improving Foreign Language Learning by the Mean of Learning Management System: Review of the Literature. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
55	The Design of Children Educational Game Interface: Review of the Literature. , 2017, , .		3
56	The Application of Mind Mapping Learning Model to Improve the Students' Learning Outcomes and Liveliness. , 2017, , .		0
57	The Influence of Learning Management Technology to Studentâ€™s Learning Outcome. International Journal of Pedagogy and Teacher Education, 2017, 1, .	0.6	3
58	The Development of a Competency Testing Systems: Adopting TAM to Explore Userâ€™s Acceptance. IJIE (Indonesian Journal of Informatics Education), 2017, 1, 87.	0.3	0
59	The Development of E-Worksheet Based on Project to Promote Studentâ€™s Creative Thinking and Digital Literacy Skills. , 0, , .		0