Muharman Lubis, PhDIT

List of Publications by Year
in descending order

122 papers	728 citations	858243 12 h-index	889612 19 g-index
123 all docs	123 docs citations	123 times ranked	147 citing authors

#	Article	IF	Citations
1	Mapping of TOGAF ADM and TMForum Frameworx in the Telecommunication Industry. Lecture Notes in Networks and Systems, 2022, , 493-503.	0.5	1
2	The relationship of personal data protection towards internet addiction: Cyber crimes, pornography and reduced physical activity. Procedia Computer Science, 2022, 197, 151-161.	1.2	4
3	Using Augmented Reality (AR) to Educate the Student: Bridging the Communication for Internet Addiction. , 2022, , .		2
4	Model-Based Validation of Business Processes: Case Study of Logistic Sector. Lecture Notes in Networks and Systems, 2021, , 3-12.	0.5	0
5	EEG Neurofeedback Training Among Adult with Attention Deficit: A Review Article. IOP Conference Series: Materials Science and Engineering, 2021, 1077, 012061.	0.3	2
6	Marketing Strategies Design for Crowdsourcing Application in Indonesia. , 2021, , .		0
7	Analysis and Designing Enterprise Architecture of PT. Adigas Jaya Pratama on Sales and Service Function Using TOGAF Framework. IOP Conference Series: Materials Science and Engineering, 2021, 1077, 012018.	0.3	0
8	Digital Ecosystem Development in Customer Relationship Management (CRM) for Hajj Portal Website. , 2021, , .		6
9	Model of Business Intelligence Applied the Principle of Cooperative Society in the Business Forums. , 2021, , .		1
10	Customer Satisfaction Assessment Coffee Roaster Restaurant using SERVQUAL: Utilization of Customer Relationship Management (CRM) Application. , 2021, , .		2
11	Performance Analysis of Heuristic Miner and Genetics Algorithm in Process Cube: a Case Study. International Journal on Advanced Science, Engineering and Information Technology, 2021, 11, 393-399.	0.2	0
12	Enterprise Resource Planning (ERP) System Customization with the Inventory Management Module: Case Study of Rumah Yatim. , 2021, , .		1
13	User Experience Design in E-Consultation on General Legal Criminals: The Utilization of Alternative Design. , 2021, , .		0
14	Live migration using checkpoint and restore in userspace (CRIU): Usage analysis of network, memory and CPU. Bulletin of Electrical Engineering and Informatics, 2021, 10, 837-847.	0.6	4
15	Vulnerability and risk assessment for operating system (OS) with framework STRIDE: comparison between VulnOS and Vulnix. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 23, 1643.	0.7	2
16	Assessment Framework for Defining the Maturity of Information Technology within Enterprise Risk Management (ERM). International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.5	0
17	Development of Internet Healthy Platform for Student Community through Design Approach against Internet Addiction. , 2021, , .		1
18	Financial Technology Development Framework for Prosperity of the Nation and Potential Direction. , 2021, , .		3

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19	Design Approach in Document Management System: The Development of EZDESK Dashboard. MATEC Web of Conferences, 2021, 348, 01006.	0.1	1
20	Depression Identification Through Social Media Posts: Data Preprocessing for Data Visualization of Tweets. , 2021, , .		0
21	Developing a Predictive Supervised Machine Learning Models for Diabetes. , 2021, , .		0
22	MAPE accuracy of CPO Forecasting by Applying Fuzzy Time Series. , 2021, , .		1
23	The Effect of E-Commerce Towards Sales Growth on Social Media among Students in Indonesia. , 2021, , .		7
24	Design Approach in Electronic Health Consultation Application: User Empowerment for Internet Addiction. , 2021, , .		1
25	Channel Treatment for Internet Addiction with Puskesmas Application: Design Approach with Usability Heuristics. , 2021, , .		1
26	The Problematic Internet Use Among Students: Prevalence of Internet Addiction towards Indonesian Hospital Management Information System Readiness. , 2021, , .		2
27	Comparison between client-side and server-side rendering in the web development. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012136.	0.3	13
28	Network Fault Effectiveness and Implementation at Service Industry in Indonesia. Journal of Physics: Conference Series, 2020, 1566, 012080.	0.3	3
29	Internet Provider Service Value Delivery Index Problem: Case Study of the NetHost. Journal of Physics: Conference Series, 2020, 1566, 012081.	0.3	2
30	Relationship of Personal Data Protection towards the Electoral Measures: Partial Least Square Analysis. Journal of Physics: Conference Series, 2020, 1566, 012111.	0.3	2
31	Integrated Virtual Communities into User Group Management System (UGMS) for Smart Cities. Journal of Physics: Conference Series, 2020, 1566, 012117.	0.3	4
32	Exploring the Pattern of Voters' Characteristics: Partial Least Square Analysis. Journal of Physics: Conference Series, 2020, 1566, 012109.	0.3	0
33	Smart City Architecture Development Methodology (SCADM): A Meta-Analysis Using SOA-EA and SoS Approach. SAGE Open, 2020, 10, 215824402091952.	0.8	7
34	The Content Analysis of Electoral Act in Indonesia: The Comparison of Percent Agreement and Cohen Kappa. Journal of Physics: Conference Series, 2020, 1566, 012048.	0.3	0
35	Dashboard information system development as visualization of transaction reports in the application BackInd (backpacker reservation system). IOP Conference Series: Materials Science and Engineering, 2020, 801, 012145.	0.3	1
36	ERP Implementation in Crisis Management: A Case Study of Government-Owned Electricity Company. IOP Conference Series: Materials Science and Engineering, 2020, 847, 012081.	0.3	2

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37	The Development of Budgeting Module on Android based on Backpacker BackInd Applications: Sorting and Filtering Features. IOP Conference Series: Materials Science and Engineering, 2020, 851, 012012.	0.3	1
38	Analysis of Critical Success Factors on ERP Implementation in PT. Toyota Astra Motor Using Extended Information System Success Model. , 2020, , .		5
39	Personal Data Protection Paradox towards the Electronic Platform Engagement. Journal of Physics: Conference Series, 2020, 1566, 012082.	0.3	1
40	Designing the Smart Health Function towards Puskesmas (Citizen Health Centre) based on Smart City Concept. IOP Conference Series: Materials Science and Engineering, 2020, 847, 012069.	0.3	3
41	Automatic Switch Prototype without Touch Assistance Wireless Fidelity (Wi-Fi) Signal. , 2020, , .		2
42	Service Design through Subscription Scheme Business Model in Foodritious Start-up. , 2020, , .		1
43	Analysis of Customer Satisfaction in Go-Food Services: Customer Relationship Management. , 2020, , .		2
44	ITSM Analysis using ITIL V3 in Service Operation in PT.Inovasi Tjaraka Buana. IOP Conference Series: Materials Science and Engineering, 2020, 847, 012077.	0.3	2
45	ERP system implementation with accounting modules in national amil zakat institutions. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012117.	0.3	0
46	Optimization of distance formula in K-Nearest Neighbor method. Bulletin of Electrical Engineering and Informatics, 2020, 9, 326-338.	0.6	41
47	The effect of a SECoS in crude palm oil forecasting to improve business intelligence. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1604-1611.	0.6	12
48	Development of CRM Module on Application Backpacker to Manage Customer Needs. , 2020, , .		0
49	Exploring the Relationship of Individual Indicator as the Critical Factor in Information Security Awareness. , 2020, , .		0
50	New Product Development Architectural Framework for Sustainability and Innovation within Telecommunication Industry. , 2020, , .		0
51	The Role of Trust to Enhance the Recommendation System Based on Social Network. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1387-1395.	0.2	2
52	PowerDoW (Power Digital Offset Weightage): Video Content-Adaptation (VCA) Profiling in Smartphone Devices for Energy Efficiency. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 2491-2497.	0.2	0
53	Analysis and Design of Policy and Standard Operating Procedure (SOP) for Information Technology in the Communication and Information Services Department. , 2020, , .		7
54	The Development of Information System Security Operation Centre (SOC): Case Study of Auto Repair Company. , 2020, , .		2

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55	Hoaxes and the Dissemination of Hope through Social Media in the Islamic Perspective: White Lies versus Black Lies. , 2020, , .		1
56	Optimization performance management with FCAPS and ITILv3: opportunities and obstacles. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 281.	0.7	1
57	The Ethics of Censorship based on Islamic Perspective: The Impact towards Intellectual Freedom. , 2020, , .		1
58	Classification of Tajweed Al-Qur'an on Images Applied Varying Normalized Distance Formulas. , 2020, , .		4
59	Information Security Awareness (ISA) towards the Intention to Comply and Demographic Factors. , 2020, , .		1
60	Development of Security Awareness Domain and Resources (SADAR) Framework: Capacity Metrics to Evaluate Enterprise Resource Planning (ERP) Implementation. , 2020, , .		1
61	Analysis of Critical Success Factors (CSF) in Enterprise Resource Planning (ERP) Implementation using Extended Technology Acceptance Model (TAM) at Trading and Distribution Company. , 2020, , .		3
62	Vulnerability Assessment and Penetration Testing (VAPT) Framework: Case Study of Government's Website. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1874-1880.	0.2	5
63	Exploring the User Engagement Factors in Computer Mediated Communication. Journal of Physics: Conference Series, 2019, 1235, 012040.	0.3	4
64	Comparison of the Approach in the Zakat Management System. Journal of Physics: Conference Series, 2019, 1235, 012048.	0.3	5
65	User Group Management and Smart Society: Readiness Assessment of UU Adminduk (National) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	1
66	Categorization for the Security Awareness Domain and Resource (SADAR) Model in the Organization: A Clustering Statistical Analysis. Journal of Physics: Conference Series, 2019, 1235, 012041.	0.3	1
67	Development of Web Stock Opname Application With SAP Business One Using Scrum Method. , 2019, , .		1
68	IT Roadmap to Improve Business Strategy using TOGAF ADM: A Case Study of Government-Owned Electricity Company. Journal of Physics: Conference Series, 2019, 1361, 012017.	0.3	5
69	The Framework of Start-up based Transportation Regulation in Indonesia. Journal of Physics: Conference Series, 2019, 1361, 012006.	0.3	0
70	Business Value Assessment for Global Service Provider Industry: Opportunities and Solution. Journal of Physics: Conference Series, 2019, 1361, 012010.	0.3	2
71	Assessment of Team Based Learning: The Use of Student Centred Learning for Interaction Design Class. Journal of Physics: Conference Series, 2019, 1361, 012014.	0.3	2
72	Clinic Management System: Business Process Re-engineering based on User Experience (UX). Journal of Physics: Conference Series, 2019, 1361, 012031.	0.3	3

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73	User Experience in Mobile Application Design: Utility Defined Context of Use. Journal of Physics: Conference Series, 2019, 1361, 012043.	0.3	4
74	Analysis of the Markov Chain Approach to Detect Blood Sugar Level. Journal of Physics: Conference Series, 2019, 1361, 012052.	0.3	7
75	The Development of Radical Innovation with the Digital Gift. Journal of Physics: Conference Series, 2019, 1361, 012061.	0.3	3
76	Implementation of Building Construction and Environment Control for Data Centre Based on ANSI/TIA-942 in Networking Content Company. Journal of Physics: Conference Series, 2019, 1361, 012074.	0.3	3
77	Responsive Innovation through Perceived Shared Values and Preferences of Customers. Journal of Physics: Conference Series, 2019, 1361, 012075.	0.3	7
78	Analysis of Critical Success Factors from ERP System Implementation in Pharmaceutical Fields by Information System Success Model. , 2019, , .		4
79	Development of the Means of Engagement (MOE) Model in the Context of Enterprise Resource Planning (ERP) for User Acceptance Level. , 2019, , .		4
80	Examining the Means of Engagement (MOE) for Enterprise Resource Planning (ERP) Adoption in Indonesia: Factors and Measures. , 2019, , .		4
81	Enterprise Resource Planning System Implementation With Purchase Management Module In Lembaga Amil Zakat Nasional. , 2019, , .		6
82	The Means of Engagement (MOE) Model of the Agreement towards the Enterprise Resource Planning (ERP) Implementation. , 2019, , .		6
83	Stream Control Transportation Protocol (SCTP) towards MANET Routing: Comparison of DSR and AODV. , 2019, , .		1
84	Critical Failure Factors in Enterprise Resource Planning (ERP) Implementation: Case Study of PT.Toyota Astra Motor Indonesia. , 2019, , .		9
85	Implementation of Enterprise Resource Planning (ERP) using Integrated Model of Extended Technology Acceptance Model (TAM) 2: Case Study of PT. Toyota Astra Motor. , 2019, , .		6
86	The Effectiveness of Digital Marketing for Show Up Company: Issues and Challenges. , 2019, , .		3
87	Big Data Forecasting Applied Nearest Neighbor Method. , 2019, , .		14
88	Architecture Model of Information Technology Infrastructure based on Service Quality at Government Institution. Procedia Computer Science, 2019, 161, 841-850.	1.2	18
89	The Effect of Social Media to the Sustainability of Short Message Service (SMS) and Phone Call. Procedia Computer Science, 2019, 161, 687-695.	1.2	13
90	Development of soil moisture measurement with wireless sensor web-based concept. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 514.	0.7	6

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91	Defense behavior of real time strategy games: comparison between HFSM and FSM. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 634.	0.7	5
92	Management maintenance system for remote control based on microcontroller and virtual private server. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 16, 1349.	0.7	2
93	Study to the current protection of personal data in the educational sector in Indonesia. Journal of Physics: Conference Series, 2018, 978, 012037.	0.3	11
94	Insights to develop privacy policy for organization in Indonesia. Journal of Physics: Conference Series, 2018, 978, 012042.	0.3	16
95	Analysis of Project Integration on Smart Parking System in Telkom University. , 2018, , .		10
96	A Case Study of Universities Dormitory Residence Management System (DRMS) in Indonesia. , 2018, , .		26
97	Incremental Innovation towards Business Performance: Data Management Challenges in Healthcare Industry in Indonesia. MATEC Web of Conferences, 2018, 218, 04015.	0.1	22
98	Text Mining of UU-ITE Implementation in Indonesia. Journal of Physics: Conference Series, 2018, 1007, 012038.	0.3	11
99	Enterprise application integration for high school students using blended learning system. MATEC Web of Conferences, 2018, 218, 04016.	0.1	22
100	The PDCA Cycle of ISO/IEC 27005:2008 Maturity Assessment Framework. Communications in Computer and Information Science, 2018, , 336-348.	0.4	3
101	Wireless service at Public University: A survey of users perception on security aspects. , 2018, , .		6
102	Towards Achieving the Efficiency in Zakat Management System: Interaction Design for Optimization in Indonesia. Communications in Computer and Information Science, 2018, , 289-301.	0.4	22
103	The Indonesia Public Information Disclosure Act (UU-KIP): Its Challenges and Responses. International Journal of Electrical and Computer Engineering, 2018, 8, 94.	0.5	16
104	Current State of Personal Data Protection in Electronic Voting: Criteria and Indicator for Effective Implementation. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 290.	0.6	9
105	Disruptive Innovation Service Oriented Framework: A Case Study of Transportation in Indonesia. , 2018, , .		4
106	The Role of Outsourcing in Service Management and Business Process: Optimization Drives Competitive Advantages. , 2018, , .		2
107	Current State of Personal Data Protection in Electronic Voting: Criteria and Indicator for Effective Implementation. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 290.	0.6	11
108	Dealing with Voters' Privacy Preferences and Readiness in Electronic Voting. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 994.	0.7	5

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109	Decision Making in the Tea Leaves Diseases Detection Using Mamdani Fuzzy Inference Method. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 1273.	0.7	8
110	Assessing privacy and readiness of electronic voting system in Indonesia. , 2017, , .		6
111	The Effect of Social Media to Cultural Homecoming Tradition of Computer Students in Medan. Procedia Computer Science, 2017, 124, 423-428.	1.2	24
112	Privacy and Personal Data Protection in Electronic Voting: Factors and Measures. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 512.	0.6	24
113	Election fraud and privacy related issues: Addressing electoral integrity. , 2016, , .		25
114	Current state of personal data protection in electronic voting: Demand on Legislature's Bill. , 2016, , .		1
115	Information Security Awareness at the Knowledge-Based Institution: Its Antecedents and Measures. Procedia Computer Science, 2015, 72, 361-373.	1.2	73
116	Privacy concern and perceived benefits towards privacy and election in Indonesia. , 2014, , .		10
117	Decision to casting a vote: An ordinal regression statistical analysis. , 2014, , .		2
118	Privacy and trust in the Islamic perspective: Implication of the digital age. , 2013, , .		15
119	Information security awareness in university: Maintaining learnability, performance and adaptability through roles of responsibility. , 2011, , .		8
120	Information and electronic transaction law effectiveness (UU-ITE) in Indonesia. , 2010, , .		13
121	Privacy Protection and Role of Technology: Citizen Perception on Electronic Voting Initiative. , 0, , .		0
122	Privacy Protection Drivers towards Electronic Platform: A Systematic Review. , 0, , .		0