

# Teddy Mantoro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8394661/publications.pdf>

Version: 2024-02-01

109  
papers

642  
citations

1163117

8  
h-index

940533

16  
g-index

112  
all docs

112  
docs citations

112  
times ranked

451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation and Classification of Cervical Cells Using Deep Learning. IEEE Access, 2019, 7, 116925-116941.	4.2	89
2	A Comparison Study of Classifier Algorithms for Mobile-phone's Accelerometer Based Activity Recognition. Procedia Engineering, 2012, 41, 224-229.	1.2	57
3	Data Mining Techniques for Optimization of Liver Disease Classification. , 2013, , .		32
4	HajjLocator: A Hajj pilgrimage tracking framework in crowded ubiquitous environment. , 2011, , .		23
5	Recognizing user activity based on accelerometer data from a mobile phone. , 2011, , .		23
6	Metrics evaluation for context-aware computing. , 2009, , .		23
7	Extreme learning machine for user location prediction in mobile environment. International Journal of Pervasive Computing and Communications, 2011, 7, 162-180.	1.3	17
8	Live video streaming for mobile devices: An application on android platform. , 2012, , .		16
9	Securing the authentication and message integrity for Smart Home using smart phone. , 2014, , .		16
10	A fuzzy rule-based fog cloud computing for solar panel disturbance investigation. Cogent Engineering, 2019, 6, .	2.2	16
11	Web-enabled smart home using wireless node infrastructure. , 2011, , .		14
12	Smart card authentication for Internet applications using NFC enabled phone. , 2010, , .		13
13	Improving the Lifetime of Wireless Sensor Networks Based on Routing Power Factors. Communications in Computer and Information Science, 2012, , 565-576.	0.5	13
14	Optical Character Recognition (OCR) Performance in Server-Based Mobile Environment. , 2013, , .		13
15	Energy consumption evaluation in trust and reputation models for Wireless Sensor Networks. , 2013, , .		13
16	Comparison between RSA hardware and software implementation for WSNs security schemes. , 2010, , .		12
17	Survivote: A free web based audience response system to support interactivity in the classroom. , 2010, , .		9
18	Performance analysis of AODV and DSDV using SUMO, MOVE and NS2. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
19	The Impact of Information and Communication Technology (ICT) Toward Learning Process and Studentsâ€™ Attitudes. <i>Advanced Science Letters</i> , 2017, 23, 844-847.	0.2	9
20	Augmented reality using features accelerated segment test for learning tajweed. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2020, 18, 208.	0.8	9
21	Indonesian news classification using convolutional neural network. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020, 19, 1000.	0.8	8
22	User Mobility Model in an Active Office. <i>Lecture Notes in Computer Science</i> , 2003, , 42-55.	1.3	7
23	nk-Nearest Neighbor Algorithm for Estimation of Symbolic User Location in Pervasive Computing Environments. , 0, , .		7
24	Exploring end-user preferences of 3D mobile interactive navigation design. , 2011, , .		7
25	Secured Communication between Mobile Devices and Smart Home Appliances. , 2013, , .		7
26	Log Visualization of Intrusion and Prevention Reverse Proxy Server against Web Attacks. , 2013, , .		7
27	Teachersâ€™ Perspectives and Practices in Applying Technology to Enhance Learning in the Classroom. <i>International Journal of Emerging Technologies in Learning</i> , 2015, 10, 10.	1.3	7
28	Real-time activity recognition in mobile phones based on its accelerometer data. , 2016, , .		7
29	Securing E-mail Communication Using Hybrid Cryptosystem on Android-based Mobile Devices. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2012, 10, .	0.8	7
30	Active learning: Engaging students in the classroom using mobile phones. , 2009, , .		6
31	A mobile dictionary for pilgrims. , 2012, , .		6
32	Hajj Crowd Tracking System in a Pervasive Environment. <i>International Journal of Mobile Computing and Multimedia Communications</i> , 2012, 4, 11-29.	0.5	6
33	Location-Aware Mobile Crime Information Framework for Fast Tracking Response to Accidents and Crimes in Big Cities. , 2014, , .		6
34	Deep Face Recognition for Imperfect Human Face Images on Social Media using the CNN Method. , 2021, , .		6
35	Multi-observers instance-based learning approach for indoor symbolic user location determination using IEEE 802.11 signals. , 2009, , .		4
36	Mobile user location determination using extreme learning machine. , 2010, , .		4

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37	An Example-Based Machine Translation approach for Bahasa Indonesia to English: An experiment using MOSES. , 2011, , .		4
38	An implementation on Domain Name System security extensions framework for the support of IPv6 environment. , 2011, , .		4
39	Rich information service delivery to mobile users using smart posters. , 2012, , .		4
40	Optimal translation of English to Bahasa Indonesia using statistical machine translation system. , 2013, , .		4
41	Stegano-image as a digital signature to improve security authentication system in mobile computing. , 2016, , .		4
42	Residual Energy Effects on Wireless Sensor Networks (REE-WSN). , 2016, , .		4
43	Security comparison between dynamic & static WSN for 5g networks. , 2017, , .		4
44	Mobile user location prediction enabled services in ubiquitous computing. , 2009, , .		4
45	3D interactive mobile navigator structure and 2D map in campus environment using GPS. , 2009, , .		4
46	License Plate Detection and Segmentation Using Cluster Run Length Smoothing Algorithm. Journal of Information Technology Research, 2012, 5, 46-70.	0.5	4
47	Vision-Based Human Face Recognition Using Extended Principal Component Analysis. International Journal of Mobile Computing and Multimedia Communications, 2013, 5, 82-94.	0.5	4
48	Weighted inverse document frequency and vector space model for hadith search engine. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 18, 1004.	0.8	4
49	Combination RSA with One Time Pad for Enhanced Scheme of Two-Factor Authentication. , 2020, , .		4
50	Improving the accuracy of indoor user location using IEEE 802.11 signals. , 2010, , .		3
51	Multi-user navigation: A 3D mobile device interactive support. , 2011, , .		3
52	Online payment procedure involving mobile phone network infrastructure and devices. , 2011, , .		3
53	Pedestrian position and pathway in the design of 3D mobile interactive navigation aid. , 2012, , .		3
54	Energy Efficiency Mechanisms Using Mobile Node in Wireless Sensor Networks. Communications in Computer and Information Science, 2012, , 536-550.	0.5	3

#	ARTICLE	IF	CITATIONS
55	A Framework in Ubiquitous Computing Environment for Providing Intelligent Responses. , 2009, , .		2
56	Intellectual Property Rights information system with location aware capability. , 2012, , .		2
57	Linguistic approximations of distances for indoor location authority. , 2014, , .		2
58	Improving the security guarantees, authenticity and confidentiality in short message service of mobile applications. , 2016, , .		2
59	An Energy Efficient Data Gathering for Wireless Sensor Networks. , 2018, , .		2
60	Speech Command for Automatic Sluice Gate Based on MFCC and Deep Neural Networks. , 2018, , .		2
61	Particle Filter Approach for Tracking Indoor User Location Using IEEE 802.11 Signals. Advanced Science Letters, 2012, 9, 86-91.	0.2	2
62	Automatic Early Warning for Vehicles Accidents Based on User Location. Advanced Science Letters, 2016, 22, 3065-3070.	0.2	2
63	Parental Involvement and Awareness Using Malaysianâ€™s Smart School Management System. Advanced Science Letters, 2017, 23, 712-716.	0.2	2
64	Adaptive Robot Soccer Defence Strategy via Behavioural Trail. Journal of Information Technology Research, 2012, 5, 25-45.	0.5	2
65	3D Maps in Mobile Devices. International Journal of Mobile Computing and Multimedia Communications, 2013, 5, 88-106.	0.5	2
66	NFC BASED ATTENDANCE: MORE THAN JUST A TOUCH. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
67	Morpheme Embedding for Bahasa Indonesia Using Modified Byte Pair Encoding. IEEE Access, 2021, 9, 155699-155710.	4.2	2
68	Machine Learning Approach for Sentiment Analysis in Crime Information Retrieval. , 2020, , .		2
69	Pragmatic framework of 3D visual navigation for mobile user. , 2010, , .		1
70	eSurviva: A web-based survey service using fuzzy conjoint analysis. , 2010, , .		1
71	Self-organizing map approach for determining mobile user location using IEEE 802.11 signals. , 2010, , .		1
72	Mobile user location prediction: Genetic algorithm-based approach. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
73	3D mobile navigation for dynamic users interaction. , 2011, , .		1
74	A user profile for information filtering using RFID-SIM card in pervasive network. , 2011, , .		1
75	Unveiling the support of 3D representation in mobile devices for pedestrians navigation aid. , 2012, , .		1
76	Fuzzy Logic Based Compensated Wi-Fi Signal Strength for Indoor Positioning. , 2013, , .		1
77	Hybrid Solution for Secured and Energy Aware Routing Path in Wireless Sensor Networks. , 2015, , .		1
78	Optimal Energy Aware Routing Path (OEARP) for Wireless Sensor Networks. International Journal of Interactive Mobile Technologies, 2015, 9, 23.	1.2	1
79	Car to car communication in VANET using Co-operative Mobility Services of the Future (CoMoSeF). , 2016, , .		1
80	Hybrid Watermark Fingerprint Algorithm for H.264 Compressed Video Authentication. , 2018, , .		1
81	Verifying the Authenticity of Digital Certificate and Transcript Using Background Subtraction Method. , 2018, , .		1
82	BitTorrent. , 2009, , .		1
83	Online Authentication Using Smart Card Technology in Mobile Phone Infrastructure. International Journal of Mobile Computing and Multimedia Communications, 2011, 3, 67-83.	0.5	1
84	Linguistic Location Authority. , 2016, , 32-47.		1
85	Promoting Autonomous Learning Using ICT in School Settingâ€”Constructivist Perspectives. Advanced Science Letters, 2017, 23, 699-703.	0.2	1
86	The Use of Emerging Technologies by EFL Teachers in Primary Schools. Advanced Science Letters, 2017, 23, 764-767.	0.2	1
87	Analyzing and managing the disturbance in a mining port stockyard system. , 2010, , .		0
88	Multi-observers of particle filter approach for estimating indoor mobile user location. , 2011, , .		0
89	Mobile grid data access for high resolution weather information services. , 2012, , .		0
90	IPv4 and IPv6 client-server designs: The sockets performance. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
91	Reconnaissance Attack on IPv6 to IPv4 Tunneling. International Journal of Mobile Computing and Multimedia Communications, 2013, 5, 1-9.	0.5	0
92	Improving the performance of translation process in a statistical machine translator using sequence IRSTLM translation parameters and pruning. , 2016, , .		0
93	VisUN-3D: User navigation with visualized 3D maps for mobile users. , 2016, , .		0
94	Human Linguistic Perception of Distances for Location-Aware Systems. International Journal of Mobile Computing and Multimedia Communications, 2019, 10, 19-41.	0.5	0
95	BBQE: Multi-language String Search Approach for Blackberry Environment. Communications in Computer and Information Science, 2011, , 349-359.	0.5	0
96	A Navigation-Aided Framework for 3D Map Views on Mobile Devices. International Review on Computers and Software, 2014, 9, 1605.	0.1	0
97	The Use of Learning Management System (LMS) for College Students to Become an Active Learner: Constructivism View. Advanced Science Letters, 2017, 23, 796-800.	0.2	0
98	Utilization of Mobile Phone Sensors for Complex Human Activity Recognition. Advanced Science Letters, 2017, 23, 5466-5471.	0.2	0
99	Quality Translation Enhancement Using Sequence Knowledge and Pruning in Statistical Machine Translation. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 718.	0.8	0
100	Visualizing Pathway on 3D Maps for an Interactive User Navigation in Mobile Devices. Advances in Computer and Electrical Engineering Book Series, 2019, , 237-260.	0.3	0
101	Linguistic Location Authority. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 168-183.	0.4	0
102	Making Location-Aware Computing Working Accurately in Smart Spaces. , 0, , 539-557.		0
103	User Pro-Activities Based on Context History. , 0, , 558-574.		0
104	Multi-Faces Recognition in Crowd Using Support Vector Machine on Histogram of Gradient. , 2020, , .		0
105	Analyzing Reactions on Political Issues in Social Media Using Hierarchical and K-Means Clustering Methods. , 2020, , .		0
106	Recognizing User Activity Using a Smartphone's Accelerometer and Deep Neural Network Classifier. , 2020, , .		0
107	Sentiment Analysis of the Papuan Movement on Twitter Using Naïve Bayes Algorithm. , 2021, , .		0
108	Countering Audiovisual Content Piracy: A Hybrid Watermarking and Fingerprinting Technology. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
109	Crime index based on text mining on social media using multi classifier neural-net algorithm. Telkomnika (Telecommunication Computing Electronics and Control), 2022, 20, 570.	0.8	0