

# MOHD RAZALI MD TOMARI

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7109416/publications.pdf>

Version: 2024-02-01

37  
papers

358  
citations

1163117

8  
h-index

940533

16  
g-index

41  
all docs

41  
docs citations

41  
times ranked

369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer Aided System for Red Blood Cell Classification in Blood Smear Image. <i>Procedia Computer Science</i> , 2014, 42, 206-213.	2.0	71
2	White blood cell (WBC) counting analysis in blood smear images using various color segmentation methods. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 116, 543-555.	5.0	59
3	Smart Recycle Bin: A Conceptual Approach of Smart Waste Management with Integrated Web Based System. , 2014, , .		44
4	Development of Smart Wheelchair System for a User with Severe Motor Impairment. <i>Procedia Engineering</i> , 2012, 41, 538-546.	1.2	37
5	Development of Reverse Vending Machine (RVM) Framework for Implementation to a Standard Recycle Bin. <i>Procedia Computer Science</i> , 2017, 105, 75-80.	2.0	21
6	Enhancing Wheelchair Manoeuvrability for Severe Impairment Users. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 92.	2.1	15
7	Implementation of IMU sensor for elbow movement measurement of Badminton players. , 2016, , .		9
8	Dendritic Cell Recognition in Computer Aided System for Cancer Immunotherapy. <i>Procedia Computer Science</i> , 2017, 105, 177-182.	2.0	9
9	White blood cell counting analysis of blood smear images using various segmentation strategies. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	9
10	Empirical framework for autonomous wheelchair systems in human-shared environments. , 2012, , .		8
11	SOCIALLY ACCEPTABLE SMART WHEELCHAIR NAVIGATION FROM HEAD ORIENTATION OBSERVATION. <i>International Journal on Smart Sensing and Intelligent Systems</i> , 2014, 7, 630-643.	0.7	8
12	Web-based laboratory equipment monitoring system using RFID. , 2010, , .		7
13	Analysis of Socially Acceptable Smart Wheelchair Navigation Based on Head Cue Information. <i>Procedia Computer Science</i> , 2014, 42, 198-205.	2.0	6
14	Multirate Output Feedback with Discrete Time Sliding Mode Control for Inverted Pendulum System. <i>Procedia Computer Science</i> , 2015, 76, 290-295.	2.0	4
15	Mobile based Automated Complete Blood Count (Auto-CBC) Analysis System from Blood Smear Image. <i>International Journal of Electrical and Computer Engineering</i> , 2017, 7, 3020.	0.7	4
16	Wide Field of View Kinect Undistortion for Social Navigation Implementation. <i>Lecture Notes in Computer Science</i> , 2012, , 526-535.	1.3	3
17	An Empirical Framework for Controlling Artificial Hand Gripper System Using Smart Glove. <i>Procedia Computer Science</i> , 2014, 42, 38-45.	2.0	3
18	Analysis of Optimal Brainwave Concentration Model for Wheelchair Input Interface. <i>Procedia Computer Science</i> , 2015, 76, 336-341.	2.0	3

#	ARTICLE	IF	CITATIONS
19	Classification of Posterior Fossa CT Brain Slices using Artificial Neural Network. Procedia Computer Science, 2018, 135, 170-177.	2.0	3
20	Analysis of Non-invasive Video Based Heart Rate Monitoring System obtained from Various Distances and Different Facial Spot. Journal of Physics: Conference Series, 2018, 1049, 012003.	0.4	3
21	Deep Convolutional Network Approach in Spike Train Analysis of Physiotherapy Movements. Lecture Notes in Electrical Engineering, 2020, , 159-170.	0.4	3
22	Support Vector Machine for classify dynamic human/vehicle shapes. , 2008, , .		2
23	MODELING AND SIMULATION OF A 5-AXIS RV-2AJ ROBOT USING SIMMECHANICS. Jurnal Teknologi (Sciences) Tj ETQg1 1 0.784314 rsgB	0.4	2
24	Active Head Motion Compensation of TMS Robotic System Using Neuro-Fuzzy Estimation. MATEC Web of Conferences, 2016, 56, 07001.	0.2	2
25	Optimization of overlapping dendritic cell segmentation in phase contrast microscopy images. , 2016, , .		2
26	Dendritic cell recognition using template matching based on one-dimensional (1D) Fourier descriptors (FD). Proceedings of SPIE, 2016, , .	0.8	2
27	Wearable flex sensor system for multiple badminton player grip identification. AIP Conference Proceedings, 2017, , .	0.4	2
28	Comparative Performance of Filtering Methods for Reducing Noise in Ischemic Posterior Fossa CT Images. Procedia Computer Science, 2019, 157, 55-63.	2.0	2
29	Empirical Framework of Reverse Vending Machine (RVM) with Material Identification Capability to Improve Recycling. Applied Mechanics and Materials, 0, 892, 114-119.	0.2	2
30	Non-contact Heart Rate Monitoring Analysis from Various Distances with different Face Regions. International Journal of Electrical and Computer Engineering, 2017, 7, 3030.	0.7	2
31	Alternative input medium development for wheelchair user with severe spinal cord injury. AIP Conference Proceedings, 2017, , .	0.4	1
32	Stabilization of Inverted Pendulum: A Multirate Output Feedback Based Discrete Time Sliding Mode Control. Lecture Notes in Electrical Engineering, 2017, , 419-426.	0.4	1
33	Deep Transfer Learning Application for Automated Ischemic Classification in Posterior Fossa CT Images. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	1
34	Quantitative ultrasound venous valve movement: early diagnosis of deep vein thrombosis. Proceedings of SPIE, 2016, , .	0.8	0
35	Head Pose Estimation from Undistorted Wide Field of View (WFoV) Kinect for Socially Acceptable Wheelchair. Lecture Notes in Electrical Engineering, 2017, , 277-285.	0.4	0
36	Dendritic Cells Feature Extraction using Geometric Features and 1D Fourier Descriptors. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1334.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Vision Based Human Decoy System for Spot Cooling. Telkomnika (Telecommunication Computing) Tj ETQq1 1 0.784314 rgBJ /Overl	0.8	0