

Mohd Alauddin Mohd Ali

List of Publications by Citations

Source: <https://exaly.com/author-pdf/12032094/mohd-alauddin-mohd-ali-publications-by-citations.pdf>
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	641 citations	9 h-index	25 g-index
48 ext. papers	810 ext. citations	2.3 avg, IF	3.97 L-index

#	Paper	IF	Citations
39	A Review of Smart Homes Past, Present, and Future. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2012 , 42, 1190-1203		342
38	CMOS Differential Ring Oscillators: Review of the Performance of CMOS ROs in Communication Systems. <i>IEEE Microwave Magazine</i> , 2013 , 14, 97-109	1.2	48
37	Evolution of electroencephalogram signal analysis techniques during anesthesia. <i>Sensors</i> , 2013 , 13, 6605-6635	3.35	38
36	Analysis of the effect of ageing on rising edge characteristics of the photoplethysmogram using a modified Windkessel model. <i>Cardiovascular Engineering (Dordrecht, Netherlands)</i> , 2007 , 7, 172-81		32
35	Fetal heart rate monitoring based on independent component analysis. <i>Computers in Biology and Medicine</i> , 2006 , 36, 241-52	7	32
34	Abnormal driving detection using real time Global Positioning System data 2011 ,		23
33	Transabdominal fetal heart rate detection using NIR photoplethysmography: instrumentation and clinical results. <i>IEEE Transactions on Biomedical Engineering</i> , 2009 , 56, 2075-82	5	23
32	Reduction of the dimensionality of the EEG channels during scoliosis correction surgeries using a wavelet decomposition technique. <i>Sensors</i> , 2014 , 14, 13046-69	3.8	9
31	Analysis of GPS-sensed atmospheric water vapour variability and its response to the terrestrial winds over Antarctica. <i>Physics and Chemistry of the Earth</i> , 2009 , 34, 72-87	3	9
30	Photovoltaic Based Dynamic Voltage Restorer For Voltage Sag Mitigation 2007 ,		9
29	GPS observations at quasi-conjugate points under disturbed conditions. <i>Acta Geophysica</i> , 2008 , 56, 1179-1201	1201	6
28	A portable recorder for long-term fetal heart rate monitoring. <i>Microprocessors and Microsystems</i> , 2002 , 26, 325-330	2.4	6
27	Effects of Physical Exercise on the Photoplethysmogram Waveform 2007 ,		5
26	Availability, reliability and accuracy of GPS signal in Bandar Baru Bangi for the determination of vehicle position and speed 2009 ,		4
25	RF MEMS tunable filter using micro fixed-fixed beam. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 592-597	1.2	4
24	Analysis of myocardial infarction signals using optical technique. <i>Journal of Medical Engineering and Technology</i> , 2016 , 40, 155-61	1.8	3
23	Integrated attitude-orbit dynamics and control of spacecraft systems: State of the art and future trends. <i>IEEE Aerospace and Electronic Systems Magazine</i> , 2018 , 33, 60-71	2.4	3

22	Detection of lightning activity using GPS PWV measurements 2011,		3
21	Development of a cognitive radio decision engine using multi-objective hybrid genetic algorithm 2009,		3
20	Development of new control strategy for voltage sag mitigation 2008,		3
19	Nowcasting the lightning activity in Peninsular Malaysia using the GPS PWV during the 2009 inter-monsoons. <i>Annals of Geophysics</i> , 2014 , 57,	1.1	3
18	Analysis of GPS water vapor variability during the 2011 La Niña event over the western Pacific Ocean. <i>Annals of Geophysics</i> , 2013 , 56,	1.1	3
17	Model-based control strategy for oversaturated traffic regimes based on the LWR-IM traffic model. <i>IET Intelligent Transport Systems</i> , 2019 , 13, 896-904	2.4	2
16	A novel vehicle stationary detection utilizing map matching and IMU sensors. <i>Scientific World Journal, The</i> , 2014 , 2014, 597180	2.2	2
15	EXECUTION TIME OPTIMIZATION ANALYSIS ON MULTIPLE ALGORITHMS PERFORMANCE OF MOVING OBJECT EDGE DETECTION 2010,		2
14	GPS water vapor monitoring and TroWav updated for ENSO studies 2011,		2
13	Reliability Assessment of Micromachined Fixed-Fixed Beam Based on FE Simulation and Probabilistic Sampling. <i>IEEE Transactions on Device and Materials Reliability</i> , 2008 , 8, 664-670	1.6	2
12	Test pattern optimization using proper in mixed-mode technique 2006,		2
11	Enhancing physionet electrocardiogram records for fetal heart rate detection algorithm 2015,		1
10	Development of theoretical oxygen saturation calibration curve based on optical density ratio and optical simulation approach 2017,		1
9	Performance analysis of multi-weight 2D-OCDMA TEDW 2012,		1
8	Application of Adaptive Noise Cancellation in Transabdominal Fetal Heart Rate Detection Using Photoplethysmography 2011,		1
7	Capacity Enhancement and Interference Reduction in Cooperative Cognitive Radio Networks 2009,		1
6	Large-scale traveling ionospheric disturbances observed by GPS receivers in Antarctica. <i>Wuhan University Journal of Natural Sciences</i> , 2010 , 15, 135-142	0.4	1
5	A built-in self repairable RF MEMS filter using redundant structures 2008,		1

4	Ionospheric GPS-TEC during the 2004 major storm events at Scott Base station Antarctica 2007 ,		1
3	Fast and efficient least-mean-squares algorithm for active noise control system identification. <i>Acoustical Science and Technology</i> , 2012 , 33, 111-112	0.5	1
2	Dynamical features of GPS PWV variation associated with lightning activity. <i>International Journal of Remote Sensing</i> , 2016 , 37, 1376-1390	3.1	1
1	Design and Implementation of a Low Supply Voltage Voltage Type Sense Amplifier with Low Current Consumption for RFID Transponder. <i>Automatika</i> , 2013 , 54, 210-216	1.6	