

# Nesreen I Ziedan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4469336/publications.pdf>

Version: 2024-02-01

19  
papers

155  
citations

1684188

5  
h-index

1720034

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g-index

19  
all docs

19  
docs citations

19  
times ranked

125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unaided acquisition of weak GPS signals using circular correlation or double-block zero padding. , 0, , .		44
2	Weak GPS signal tracking using FFT discriminator in open loop receiver. GPS Solutions, 2016, 20, 225-237.	4.3	22
3	Urban Positioning Accuracy Enhancement Utilizing 3D Buildings Model and Accelerated Ray Tracing Algorithm. , 0, , .		21
4	Analytical and simulation-based comparison between traditional and Kalman filter-based phase-locked loops. GPS Solutions, 2017, 21, 123-135.	4.3	17
5	Correlation acceleration in GNSS software receivers using a CUDA-enabled GPU. GPS Solutions, 2017, 21, 225-236.	4.3	11
6	Context-Aware Adaptive Multipath Compensation Based on Channel Pattern Recognition for GNSS Receivers. Journal of Navigation, 2017, 70, 944-962.	1.7	11
7	Improved Multipath and NLOS Signals Identification in Urban Environments. Navigation, Journal of the Institute of Navigation, 2018, 65, 449-462.	2.8	11
8	Optimized Position Estimation in Multipath Environments using Machine Learning. , 0, , .		4
9	Enhancing GNSS Mobile Positioning in Urban Environments through Utilization of Multipath Prediction and Consistency Analysis. , 0, , .		4
10	Multipath and NLOS Signals Identification and Satellite Selection Algorithms for Multi-Constellation Receivers. , 0, , .		3
11	Cloud Computing Load Balancing using Genetic and Throttled Hybrid Algorithm. International Journal of Engineering and Technology, 2019, 11, 606-626.	0.1	3
12	Integrating GNSS Signal Tracking and Map-Matching for Reflected and Diffracted Signals Mitigation in Urban Environments. , 0, , .		2
13	MAI Modeling and Mitigation for GNSS Acquisition in Urban Environments. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 541-551.	4.7	1
14	Modeling of Nonlinear Errors for Integrated GPS/MEMS-based INS Navigation Systems. , 0, , .		1
15	Development of pileup recovery algorithms by peak detection method of digital gamma ray spectroscopy. , 2017, , .		0
16	Pattern Recognition-Based Environment Identification for Robust Wireless Devices Positioning. International Journal of Advanced Computer Science and Applications, 2012, 3, .	0.7	0
17	Parameters Design Method of Kalman Filter-Based Tracking Loop in GNSS/INS Deep Integration. Lecture Notes in Electrical Engineering, 2017, , 933-943.	0.4	0
18	Multiple Interactive Model for MEMS IMU in GPS/INS Integrated Navigation System. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	GNSS Received Code Alteration for Enhanced Accuracy Tracking in Multipath Environments. , 0, , .		0