

Suhas S Gajre

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5756040/publications.pdf>

Version: 2024-02-01

28
papers

540
citations

1163117

8
h-index

940533

16
g-index

28
all docs

28
docs citations

28
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	Eff-UNet: A Novel Architecture for Semantic Segmentation in Unstructured Environment. , 2020, , .		120
2	Detection of Distracted Driver Using Convolutional Neural Network. , 2018, , .		109
3	Semantic scene segmentation in unstructured environment with modified DeepLabV3+. Pattern Recognition Letters, 2020, 138, 223-229.	4.2	64
4	Local gray level S-curve transformation "A generalized contrast enhancement technique for medical images. Computers in Biology and Medicine, 2017, 83, 120-133.	7.0	63
5	Towards Computationally Efficient and Realtime Distracted Driver Detection With MobileVGG Network. IEEE Transactions on Intelligent Vehicles, 2020, 5, 565-574.	12.7	49
6	Fully automated subchondral bone segmentation from knee MR images: Data from the Osteoarthritis Initiative. Computers in Biology and Medicine, 2017, 88, 110-125.	7.0	18
7	Cluster-based real-time analysis of mobile healthcare application for prediction of physiological data. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 429-445.	4.9	18
8	Novel Method of Using Dynamic Electrical Impedance Signals for Noninvasive Diagnosis of Knee Osteoarthritis. , 2006, 2006, 2207-10.		14
9	Classification of cross task cognitive workload using deep recurrent network with modelling of temporal dynamics. Biomedical Signal Processing and Control, 2021, 70, 103070.	5.7	13
10	Semantic Scene Understanding in Unstructured Environment with Deep Convolutional Neural Network. , 2019, , .		12
11	Electrical impedance signal analysis in assessing the possibility of non-invasive diagnosis of knee osteoarthritis. Journal of Medical Engineering and Technology, 2007, 31, 288-299.	1.4	9
12	Comprehensive correlation of ocean ambient noise with sea surface parameters. Ocean Engineering, 2017, 138, 170-178.	4.3	8
13	Tropical littoral ambient noise probability density function model based on sea surface temperature. Journal of the Acoustical Society of America, 2016, 140, EL452-EL457.	1.1	7
14	Mindfulness intervention for improving cognitive abilities using EEG signal. Biomedical Signal Processing and Control, 2021, 70, 103072.	5.7	7
15	A generalized contrast enhancement approach for knee MR images. , 2016, , .		6
16	"Comparative Study of Lossless ECG Signal Compression Techniques for Wireless Networks". , 2017, , .		4
17	ECG Denoising by Modeling Wavelet Sub-Band Coefficients using Kernel Density Estimation. Journal of Information Processing Systems, 2012, 8, 669-684.	0.9	4
18	New Improved Methodology for ECG Signal Compression. , 0, , .		3

#	ARTICLE	IF	CITATIONS
19	Wavelet based ECG denoising by employing Cauchy distribution at subbands. , 2010, , .		2
20	Simulation of colored and non-Gaussian wind noise for tropical shallow waters. , 2016, , .		2
21	A Training-Free Approach for Generic Object Detection. IETE Journal of Research, 2019, , 1-14.	2.6	2
22	Pose Estimation for Distracted Driver Detection Using Deep Convolutional Neural Networks. Communications in Computer and Information Science, 2019, , 102-114.	0.5	2
23	Validation of Webster ambient noise model for real data in tropical littoral water. , 2016, , .		1
24	Study of Variation in Ambient Noise with Fluctuations of Surface Parameters for the Indian Ocean Region. Advances in Intelligent Systems and Computing, 2017, , 111-119.	0.6	1
25	Novel Strategy for Fairness-Aware Congestion Control and Power Consumption Speed with Mobile Node in Wireless Sensor Networks. Lecture Notes in Networks and Systems, 2018, , 85-111.	0.7	1
26	A Local Self-Similarity-Based Vehicle Detection Approach Using Single Query Image. Advances in Intelligent Systems and Computing, 2018, , 255-264.	0.6	1
27	Analysis of adaptive filtering techniques for fresh water dolphin signals in their natural habitat. , 2016, , .		0
28	Novel Method of Using Dynamic Electrical Impedance Signals for Noninvasive Diagnosis of Knee Osteoarthritis. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0