

Suhas S Gajre

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

540
citations

1163117

8
h-index

940533

16
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28
all docs

28
docs citations

28
times ranked

502
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | Mindfulness intervention for improving cognitive abilities using EEG signal. Biomedical Signal Processing and Control, 2021, 70, 103072. | 5.7 | 7 |
| 3 | Semantic scene segmentation in unstructured environment with modified DeepLabV3+. Pattern Recognition Letters, 2020, 138, 223-229. | 4.2 | 64 |
| 4 | Eff-UNet: A Novel Architecture for Semantic Segmentation in Unstructured Environment. , 2020, , . | | 120 |
| 5 | Towards Computationally Efficient and Realtime Distracted Driver Detection With MobileVGC Network. IEEE Transactions on Intelligent Vehicles, 2020, 5, 565-574. | 12.7 | 49 |
| 6 | A Training-Free Approach for Generic Object Detection. IETE Journal of Research, 2019, , 1-14. | 2.6 | 2 |
| 7 | Semantic Scene Understanding in Unstructured Environment with Deep Convolutional Neural Network. , 2019, , . | | 12 |
| 8 | Pose Estimation for Distracted Driver Detection Using Deep Convolutional Neural Networks. Communications in Computer and Information Science, 2019, , 102-114. | 0.5 | 2 |
| 9 | 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 |
| 10 | 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 |
| 11 | Detection of Distracted Driver Using Convolutional Neural Network. , 2018, , . | | 109 |
| 12 | A Local Self-Similarity-Based Vehicle Detection Approach Using Single Query Image. Advances in Intelligent Systems and Computing, 2018, , 255-264. | 0.6 | 1 |
| 13 | 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 |
| 14 | Comprehensive correlation of ocean ambient noise with sea surface parameters. Ocean Engineering, 2017, 138, 170-178. | 4.3 | 8 |
| 15 | 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 |
| 16 | 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 |
| 17 | "Comparative Study of Lossless ECG Signal Compression Techniques for Wireless Networks". , 2017, , . | | 4 |
| 18 | A generalized contrast enhancement approach for knee MR images. , 2016, , . | | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Simulation of colored and non-Gaussian wind noise for tropical shallow waters. , 2016, , . | | 2 |
| 20 | 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 |
| 21 | Analysis of adaptive filtering techniques for fresh water dolphin signals in their natural habitat. , 2016, , . | | 0 |
| 22 | Validation of Webster ambient noise model for real data in tropical littoral water. , 2016, , . | | 1 |
| 23 | ECG Denoising by Modeling Wavelet Sub-Band Coefficients using Kernel Density Estimation. Journal of Information Processing Systems, 2012, 8, 669-684. | 0.9 | 4 |
| 24 | Wavelet based ECG denoising by employing Cauchy distribution at subbands. , 2010, , . | | 2 |
| 25 | 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 |
| 26 | Novel Method of Using Dynamic Electrical Impedance Signals for Noninvasive Diagnosis of Knee Osteoarthritis. , 2006, 2006, 2207-10. | | 14 |
| 27 | 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 |
| 28 | New Improved Methodology for ECG Signal Compression. , 0, , . | | 3 |