

Ghulam Rasool

List of Publications by Year in descending order

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28
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docs citations

30
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Task Discrimination for Myoelectric Control Employing Task-Specific Muscle Synergies. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 98-108.	4.9	45
2	Inception Modules Enhance Brain Tumor Segmentation. Frontiers in Computational Neuroscience, 2019, 13, 44.	2.1	37
3	Spatial Analysis of Multichannel Surface EMG in Hemiplegic Stroke. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1802-1811.	4.9	29
4	Extended Variational Inference for Propagating Uncertainty in Convolutional Neural Networks. , 2019, , .		16
5	Shear Waves Reveal Viscoelastic Changes in Skeletal Muscles After Hemispheric Stroke. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 2006-2014.	4.9	15
6	PremiUm-CNN: Propagating Uncertainty Towards Robust Convolutional Neural Networks. IEEE Transactions on Signal Processing, 2021, 69, 4669-4684.	5.3	14
7	Bayes-SAR Net: Robust SAR Image Classification with Uncertainty Estimation Using Bayesian Convolutional Neural Network. , 2020, , .		10
8	EMG-Controlled Transradial Prostheses - An Investigation into Machine Learning Techniques. International Journal of Computer Applications, 2017, 174, 1-8.	0.2	10
9	Myoelectric activity detection during a Sit-to-Stand movement using threshold methods. Computers and Mathematics With Applications, 2012, 64, 1473-1483.	2.7	9
10	Surface myoelectric signal classification using the AR-GARCH model. Biomedical Signal Processing and Control, 2014, 13, 327-336.	5.7	9
11	Constrained particle filtering for movement identification in forearm prosthesis. Signal Processing, 2019, 161, 25-35.	3.7	9
12	Muscle activity detection from myoelectric signals based on the AR-GARCH model. , 2012, , .		7
13	Altered viscoelastic properties of stroke-affected muscles estimated using ultrasound shear waves " Preliminary data. , 2016, 2016, 2869-2872.		7
14	Inference of genetic regulatory networks using regularized likelihood with covariance estimation. , 2012, , .		6
15	A three-dimensional bin-packing model: exact multicriteria solution and computational complexity. Annals of Operations Research, 2017, 251, 397-427.	4.1	6
16	Brain Tumor Segmentation and Surveillance with Deep Artificial Neural Networks. , 2021, , 311-350.		6
17	Neural drive estimation using the hypothesis of muscle synergies and the state-constrained Kalman filter. , 2013, , .		5
18	Using surface electromyography to detect changes in innervation zones pattern after human cervical spinal cord injury. , 2016, 2016, 3757-3760.		5

#	ARTICLE	IF	CITATIONS
19	Using Deep Speech Recognition to Evaluate Speech Enhancement Methods. , 2020, , .		5
20	Robust Learning via Ensemble Density Propagation in Deep Neural Networks. , 2020, , .		5
21	Biomechanical sit-to-stand movement with physiological feedback latencies. , 2010, , .		4
22	Fuzzy biomechanical sit-to-stand movement with physiological feedback latencies. , 2010, , .		4
23	Spatial analysis of muscular activations in stroke survivors. , 2015, 2015, 6058-61.		4
24	Hand Movement Discrimination Using Particle Filters. , 2018, , .		2
25	Towards an Explainable Mortality Prediction Model. , 2020, , .		2
26	Self-Compression in Bayesian Neural Networks. , 2020, , .		2
27	Inference of time-varying gene networks using constrained and smoothed Kalman filtering. , 2012, , .		1
28	The Case Against Sentiment Analysis for Natural Text. , 2021, , .		0