Martin SchÃ¤tz

List of Publications by Year in descending order

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Version: 2024-02-01

		933264	1058333
25	481	10	14
papers	citations	h-index	g-index

25	25	25	562
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chest area segmentation in 3D images of sleeping patients. Medical and Biological Engineering and Computing, 2022, 60, 2159-2172.	1.6	1
2	Nanoscale mapping of nuclear phosphatidylinositol phosphate landscape by dual-color dSTORM. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158890.	1.2	14
3	Sleep Apnea Detection with Polysomnography and Depth Sensors. Sensors, 2020, 20, 1360.	2.1	19
4	Analysis of Lipid Droplet Content in Fission and Budding Yeasts using Automated Image Processing. Journal of Visualized Experiments, 2019, , .	0.2	1
5	Sleep scoring using polysomnography data features. Signal, Image and Video Processing, 2018, 12, 1043-1051.	1.7	13
6	Mitotic defects in fission yeast lipid metabolism â€˜cutâ€™ mutants are suppressed by ammonium chloride. FEMS Yeast Research, 2018, 18, .	1.1	4
7	Antifungal Polyamides of Hydroxycinnamic Acids from Sunflower Bee Pollen. Journal of Agricultural and Food Chemistry, 2018, 66, 11018-11026.	2.4	36
8	EEG Synchronizations Length During Meditation. Journal of Medical and Biological Engineering, 2017, 37, 220-229.	1.0	1
9	Microsoft Kinect Visual and Depth Sensors for Breathing and Heart Rate Analysis. Sensors, 2016, 16, 996.	2.1	67
10	Kinect V2 as a tool for stroke recovery: Pilot study of motion scale monitoring. , 2016, , .		1
11	Video processing and 3D modelling of chest movement using MS Kinect depth sensor. , 2016, , .		5
12	Face movement analysis with MS Kinect. , 2016, , .		4
13	Extraction of breathing features using MS Kinect for sleep stage detection. Signal, Image and Video Processing, 2016, 10, 1279-1286.	1.7	27
14	Statistical recognition of breathing by MS Kinect depth sensor. , 2015, , .		13
15	Feature extraction using MS Kinect and data fusion in analysis of sleep disorders. , 2015, , .		13
16	Motion tracking and gait feature estimation for recognising Parkinsonâ€™s disease using MS Kinect. BioMedical Engineering OnLine, 2015, 14, 97.	1.3	75
17	Bayesian classification and analysis of gait disorders using image and depth sensors of Microsoft Kinect. , 2015, 47, 169-177.		86
18	Use of the image and depth sensors of the Microsoft Kinect for the detection of gait disorders. Neural Computing and Applications, 2015, 26, 1621-1629.	3.2	38

#	Article	IF	Citations
19	The MS kinect image and depth sensors use for gait features detection. , 2014, , .		19
20	Complex continuous wavelet coherence for EEG microstates detection in insight and calm meditation. Consciousness and Cognition, 2014, 30, 13-23.	0.8	19
21	Non-Linear EEG Measures in Meditation. Journal of Biomedical Science and Engineering, 2014, 07, 731-738.	0.2	20
22	Quantitative gait analysis in Parkinson'/INS;s disease using MS Kinect: Entropy and fractal dimension. Journal of the Neurological Sciences, 2013, 333, e67.	0.3	3
23	Comparison of complexity, entropy and complex noise parameters in EEG for AD diagnosis. Journal of the Neurological Sciences, 2013, 333, e355.	0.3	1
24	EEG microstates in Alzheimer'/INS;s disease computed by continuous wavelet coherence. Journal of the Neurological Sciences, 2013, 333, e352.	0.3	1
25	Estimation of Covid-19 lungs damage based on computer tomography images analysis. F1000Research, 0, 11, 326.	0.8	0