Dong-Joo Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2868222/publications.pdf

Version: 2024-02-01

52	940	623734	477307
papers	citations	14 h-index	29 g-index

53	53	53	846
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autonomic Dysfunction in Sleep Disorders: From Neurobiological Basis to Potential Therapeutic		

#	Article	IF	Citations
19	Evaluation of outlier prevalence of density distribution in brain computed tomography: Comparison of kurtosis and quartile statistics. , 2018, , .		0
20	Hemodynamic Instability and Cardiovascular Events After Traumatic Brain Injury Predict Outcome After Artifact Removal With Deep Belief Network Analysis. Journal of Neurosurgical Anesthesiology, 2018, 30, 347-353.	1.2	10
21	Robust arterial blood pressure onset detection method from signal artifacts. , 2018, , .		1
22	Validation of Davsonâ€™s equation in patients suffering from idiopathic normal pressure hydrocephalus. Acta Neurochirurgica, 2018, 160, 1097-1103.	1.7	4
23	Abilities of a Densitometric Analysis of Computed Tomography Images and Hemorrhagic Parameters to Predict Outcome Favorability in Patients With Intracerebral Hemorrhage. Neurosurgery, 2018, 83, 226-236.	1.1	6
24	Classification of Hand Motions within EEG Signals for Non-Invasive BCI-Based Robot Hand Control. , 2018, , .		26
25	Decoding of Multi-directional Reaching Movements for EEG-Based Robot Arm Control. , 2018, , .		15
26	Impaired cerebral compensatory reserve is associated with admission imaging characteristics of diffuse insult in traumatic brain injury. Acta Neurochirurgica, 2018, 160, 2277-2287.	1.7	24
27	Validation of Pressure Reactivity and Pulse Amplitude Indices against the Lower Limit of Autoregulation, Part I: Experimental Intracranial Hypertension. Journal of Neurotrauma, 2018, 35, 2803-2811.	3.4	46
28	Automated artifact elimination of physiological signals using a deep belief network: An application for continuously measured arterial blood pressure waveforms. Information Sciences, 2018, 456, 145-158.	6.9	13
29	Monitoring of Optimal Cerebral Perfusion Pressure in Traumatic Brain Injured Patients Using a Multi-Window Weighting Algorithm. Journal of Neurotrauma, 2017, 34, 3081-3088.	3.4	45
30	Chlorhexidine and silver sulfadiazine coating on central venous catheters is not sufficient for protection against catheter-related infection: Simulation-based laboratory research with clinical validation. Journal of International Medical Research, 2017, 45, 1042-1053.	1.0	8
31	Cerebrospinal fluid dynamics at the lumbosacral level in patients with spinal stenosis: A pilot study. Journal of Orthopaedic Research, 2017, 35, 104-112.	2.3	4
32	Cerebrovascular pressure reactivity monitoring using wavelet analysis in traumatic brain injury patients: A retrospective study. PLoS Medicine, 2017, 14, e1002348.	8.4	48
33	Spectral analysis of intracranial pressure: Is it helpful in the assessment of shunt functioning in-vivo?. Clinical Neurology and Neurosurgery, 2016, 142, 112-119.	1.4	2
34	Morphological Feature Extraction From a Continuous Intracranial Pressure Pulse via a Peak Clustering Algorithm. IEEE Transactions on Biomedical Engineering, 2016, 63, 2169-2176.	4.2	15
35	Finite Element Model for Hydrocephalus and Idiopathic Intracranial Hypertension. Acta Neurochirurgica Supplementum, 2016, 122, 157-159.	1.0	0
36	The age-related difference in computed tomography density distribution: A preliminary report. , 2015, , .		0

#	Article	IF	Citations
37	Semi-automatic designation and segmentation of vertebra and spinal cord in spinal MR imaging: A preliminary report. , 2015, , .		0
38	Finite element analysis for normal pressure hydrocephalus: The effects of the integration of sulci. Medical Image Analysis, 2015, 24, 235-244.	11.6	8
39	Thresholds of resistance to CSF outflow in predicting shunt responsiveness. Neurological Research, 2015, 37, 332-340.	1.3	29
40	Morphological landmark detection in arterial blood pressure and intracranial pressure: Preliminary procedures for intracranial pressure waveform analysis. , 2015, , .		0
41	Automated artefact elimination in computed tomography: A preliminary report for traumatic brain injury and stroke. , 2015, , .		1
42	Neuromonitoring in acquired brain injury. , 2015, , .		0
43	Phase-shift between arterial flow and ICP pulse during infusion test. Acta Neurochirurgica, 2015, 157, 633-638.	1.7	7
44	Porohyperelastic anatomical models for hydrocephalus and idiopathic intracranial hypertension. Journal of Neurosurgery, 2015, 122, 1330-1340.	1.6	15
45	Noninvasive assessment of intracranial pressure using functional matrix estimation method. , 2015, , .		0
46	Automated phase segmentation in cerebrospinal fluid infusion test. , 2015, , .		0
47	Quantitative analysis of computed tomography images and early detection of cerebral edema for pediatric traumatic brain injury patients: retrospective study. BMC Medicine, 2014, 12, 186.	5.5	28
48	Estimation on the development of cerebral edema from computed tomography preliminary studies for pediatric traumatic brain injury patients. , 2013, , .		0
49	Continuous Monitoring of the Monro-Kellie Doctrine: Is It Possible?. Journal of Neurotrauma, 2012, 29, 1354-1363.	3.4	52
50	What Shapes Pulse Amplitude of Intracranial Pressure?. Journal of Neurotrauma, 2010, 27, 317-324.	3.4	84
51	The monitoring of relative changes in compartmental compliances of brain. Physiological Measurement, 2009, 30, 647-659.	2.1	58
52	INDEX OF CEREBROSPINAL COMPENSATORY RESERVE IN HYDROCEPHALUS. Neurosurgery, 2009, 64, 494-502.	1.1	73