Tijana BojiÄ

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7731261/publications.pdf

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36	524	687363 13	713466 21
papers	citations	h-index	g-index

39	39	39	581
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pathophysiology of Subjective Tinnitus: Triggers and Maintenance. Frontiers in Neuroscience, 2018, 12, 866.	2.8	82
2	Influenza vaccine as prevention for cardiovascular diseases: Possible molecular mechanism. Vaccine, 2014, 32, 6569-6575.	3.8	51
3	Modeling EEG fractal dimension changes in wake and drowsy states in humansâ€"a preliminary study. Journal of Theoretical Biology, 2010, 262, 214-222.	1.7	32
4	Temporal analysis of the spontaneous baroreceptor reflex during mild emotional stress in the rat. Stress, 2010, 13, 142-154.	1.8	31
5	Sleep-Dependent Changes in the Coupling Between Heart Period and Arterial Pressure in Newborn Lambs. Pediatric Research, 2005, 57, 108-114.	2.3	29
6	Nonlinear properties of cardiac rhythm and respiratory signal under paced breathing in young and middle-aged healthy subjects. Medical Engineering and Physics, 2014, 36, 1577-1584.	1.7	27
7	Effects of Acoustic Stimulation on Cardiovascular Regulation During Sleep. Sleep, 2003, 26, 201-205.	1.1	23
8	EEG alpha phase shifts during transition from wakefulness to drowsiness. International Journal of Psychophysiology, 2012, 86, 195-205.	1.0	23
9	Extracting complexity waveforms from one-dimensional signals. Nonlinear Biomedical Physics, 2009, 3, 8.	1.5	21
10	Modeling the relationship between Higuchiâ€™s fractal dimension and Fourier spectra of physiological signals. Medical and Biological Engineering and Computing, 2012, 50, 689-699.	2.8	16
11	Uncoupling of cardiac and respiratory rhythm in atrial fibrillation. Biomedizinische Technik, 2016, 61, 657-663.	0.8	15
12	Generalized PoincarÃ© Plots-A New Method for Evaluation of Regimes in Cardiac Neural Control in Atrial Fibrillation and Healthy Subjects. Frontiers in Neuroscience, 2016, 10, 38.	2.8	14
13	Topographic distribution of EEG alpha attractor correlation dimension values in wake and drowsy states in humans. International Journal of Psychophysiology, 2015, 95, 278-291.	1.0	13
14	Sleep-Related Changes in the Regulation of Cerebral Blood Flow in Newborn Lambs. Sleep, 2004, 27, 36-41.	1.1	12
15	Slow 0.1 Hz Breathing and Body Posture Induced Perturbations of RRI and Respiratory Signal Complexity and Cardiorespiratory Coupling. Frontiers in Physiology, 2020, 11, 24.	2.8	12
16	Sleep-Related Brain Activation Does Not Increase the Permeability of the Blood-Brain Barrier to Glucose. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 990-997.	4.3	11
17	RR intervalâ€"respiratory signal waveform modeling in human slow paced and spontaneous breathing. Respiratory Physiology and Neurobiology, 2014, 203, 51-59.	1.6	11
18	Heart Rate Variability in Children with Exercise-Induced Idiopathic Ventricular Arrhythmias. Pediatric Cardiology, 2010, 31, 188-194.	1.3	10

#	Article	IF	Citations
19	The role of G protein coupled receptor kinases in neurocardiovascular pathophysiology. Archives of Medical Science, 2012, 8, 970-7.	0.9	10
20	Generalized PoincarÃ© plots analysis of heart period dynamics in different physiological conditions: Trained vs. untrained men. PLoS ONE, 2019, 14, e0219281.	2.5	9
21	Identification of Candidate Allosteric Modulators of the M1 Muscarinic Acetylcholine Receptor Which May Improve Vagus Nerve Stimulation in Chronic Tinnitus. Frontiers in Neuroscience, 2017, 11, 636.	2.8	8
22	Brain capillary perfusion in the spontaneously hypertensive rat during the wake-sleep cycle. Experimental Brain Research, 2004, 154, 44-49.	1.5	6
23	State of the art paper The role of G protein coupled receptor kinases in neurocardiovascular pathophysiology. Archives of Medical Science, 2012, 6, 970-977.	0.9	6
24	Common molecular mechanism of the hepatic lesion and the cardiac parasympathetic regulation in chronic hepatitis C infection: a critical role for the muscarinic receptor type 3. BMC Bioinformatics, 2016, 17, 139.	2.6	5
25	Editorial: Neurocardiovascular Diseases: New Aspects of the Old Issues. Frontiers in Neuroscience, 2018, 12, 1032.	2.8	5
26	REGULATION OF CEREBRAL CIRCULATION DURING SLEEP. , 2005, , 351-369.		5
27	Editorial: Cardiorespiratory Coupling-Novel Insights for Integrative Biomedicine. Frontiers in Neuroscience, 2021, 15, 671900.	2.8	4
28	Methodology of monitoring cardiovascular regulation. Vojnosanitetski Pregled, 2012, 69, 1084-90.	0.2	4
29	In Silico Screening of Natural Compounds for Candidates 5HT6 Receptor Antagonists against Alzheimerâ€™s Disease. Molecules, 2022, 27, 2626.	3.8	4
30	New complexity measures reveal that topographic loops of human alpha phase potentials are more complex in drowsy than in wake. Medical and Biological Engineering and Computing, 2018, 56, 967-978.	2.8	3
31	Methodology of monitoring cardiovascular regulation. Vojnosanitetski Pregled, 2012, 69, 1084-1090.	0.2	3
32	Monotone Signal Segments Analysis as a novel method of breath detection and breath-to-breath interval analysis in rat. Respiratory Physiology and Neurobiology, 2008, 161, 273-280.	1.6	2
33	In silico Therapeutics for Neurogenic Hypertension and Vasovagal Syncope. Frontiers in Neuroscience, 2016, 9, 520.	2.8	2
34	Sleep-dependent changes in the cerebral metabolic rate of oxygen consumption in newborn lambs. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S85-S85.	4.3	2
35	Acupuncture, autonomic nervous system and biophysical origin of acupuncture system. Vojnosanitetski Pregled, 2020, 77, 79-86.	0.2	2
36	Zeolite pretreatment accomplishes partial brain radioprotective role by reducing iron and oxidative / nitrosative stress in rats. Hrana I Ishrana, 2018, 59, 26-32.	0.2	0