

# Tijana BojiÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

524  
citations

687363

13  
h-index

713466

21  
g-index

39  
all docs

39  
docs citations

39  
times ranked

581  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Silico Screening of Natural Compounds for Candidates 5HT6 Receptor Antagonists against Alzheimerâ€™s Disease. <i>Molecules</i> , 2022, 27, 2626.	3.8	4
2	Editorial: Cardiorespiratory Coupling- Novel Insights for Integrative Biomedicine. <i>Frontiers in Neuroscience</i> , 2021, 15, 671900.	2.8	4
3	Slow 0.1 Hz Breathing and Body Posture Induced Perturbations of RRI and Respiratory Signal Complexity and Cardiorespiratory Coupling. <i>Frontiers in Physiology</i> , 2020, 11, 24.	2.8	12
4	Acupuncture, autonomic nervous system and biophysical origin of acupuncture system. <i>Vojnosanitetski Pregled</i> , 2020, 77, 79-86.	0.2	2
5	Generalized PoincarÃ© plots analysis of heart period dynamics in different physiological conditions: Trained vs. untrained men. <i>PLoS ONE</i> , 2019, 14, e0219281.	2.5	9
6	New complexity measures reveal that topographic loops of human alpha phase potentials are more complex in drowsy than in wake. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 967-978.	2.8	3
7	Pathophysiology of Subjective Tinnitus: Triggers and Maintenance. <i>Frontiers in Neuroscience</i> , 2018, 12, 866.	2.8	82
8	Editorial: Neurocardiovascular Diseases: New Aspects of the Old Issues. <i>Frontiers in Neuroscience</i> , 2018, 12, 1032.	2.8	5
9	Zeolite pretreatment accomplishes partial brain radioprotective role by reducing iron and oxidative / nitrosative stress in rats. <i>Hrana I Ishrana</i> , 2018, 59, 26-32.	0.2	0
10	Identification of Candidate Allosteric Modulators of the M1 Muscarinic Acetylcholine Receptor Which May Improve Vagus Nerve Stimulation in Chronic Tinnitus. <i>Frontiers in Neuroscience</i> , 2017, 11, 636.	2.8	8
11	In silico Therapeutics for Neurogenic Hypertension and Vasovagal Syncope. <i>Frontiers in Neuroscience</i> , 2016, 9, 520.	2.8	2
12	Generalized PoincarÃ© Plots-A New Method for Evaluation of Regimes in Cardiac Neural Control in Atrial Fibrillation and Healthy Subjects. <i>Frontiers in Neuroscience</i> , 2016, 10, 38.	2.8	14
13	Uncoupling of cardiac and respiratory rhythm in atrial fibrillation. <i>Biomedizinische Technik</i> , 2016, 61, 657-663.	0.8	15
14	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. <i>BMC Bioinformatics</i> , 2016, 17, 139.	2.6	5
15	Topographic distribution of EEG alpha attractor correlation dimension values in wake and drowsy states in humans. <i>International Journal of Psychophysiology</i> , 2015, 95, 278-291.	1.0	13
16	Influenza vaccine as prevention for cardiovascular diseases: Possible molecular mechanism. <i>Vaccine</i> , 2014, 32, 6569-6575.	3.8	51
17	RR intervalâ€™respiratory signal waveform modeling in human slow paced and spontaneous breathing. <i>Respiratory Physiology and Neurobiology</i> , 2014, 203, 51-59.	1.6	11
18	Nonlinear properties of cardiac rhythm and respiratory signal under paced breathing in young and middle-aged healthy subjects. <i>Medical Engineering and Physics</i> , 2014, 36, 1577-1584.	1.7	27

#	ARTICLE	IF	CITATIONS
19	EEG alpha phase shifts during transition from wakefulness to drowsiness. <i>International Journal of Psychophysiology</i> , 2012, 86, 195-205.	1.0	23
20	State of the art paper The role of G protein coupled receptor kinases in neurocardiovascular pathophysiology. <i>Archives of Medical Science</i> , 2012, 6, 970-977.	0.9	6
21	Modeling the relationship between Higuchi's fractal dimension and Fourier spectra of physiological signals. <i>Medical and Biological Engineering and Computing</i> , 2012, 50, 689-699.	2.8	16
22	Methodology of monitoring cardiovascular regulation. <i>Vojnosanitetski Pregled</i> , 2012, 69, 1084-1090.	0.2	3
23	The role of G protein coupled receptor kinases in neurocardiovascular pathophysiology. <i>Archives of Medical Science</i> , 2012, 8, 970-7.	0.9	10
24	Methodology of monitoring cardiovascular regulation. <i>Vojnosanitetski Pregled</i> , 2012, 69, 1084-90.	0.2	4
25	Heart Rate Variability in Children with Exercise-Induced Idiopathic Ventricular Arrhythmias. <i>Pediatric Cardiology</i> , 2010, 31, 188-194.	1.3	10
26	Modeling EEG fractal dimension changes in wake and drowsy states in humans—a preliminary study. <i>Journal of Theoretical Biology</i> , 2010, 262, 214-222.	1.7	32
27	Temporal analysis of the spontaneous baroreceptor reflex during mild emotional stress in the rat. <i>Stress</i> , 2010, 13, 142-154.	1.8	31
28	Extracting complexity waveforms from one-dimensional signals. <i>Nonlinear Biomedical Physics</i> , 2009, 3, 8.	1.5	21
29	Monotone Signal Segments Analysis as a novel method of breath detection and breath-to-breath interval analysis in rat. <i>Respiratory Physiology and Neurobiology</i> , 2008, 161, 273-280.	1.6	2
30	Sleep-Related Brain Activation Does Not Increase the Permeability of the Blood-Brain Barrier to Glucose. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 990-997.	4.3	11
31	Sleep-Dependent Changes in the Coupling Between Heart Period and Arterial Pressure in Newborn Lambs. <i>Pediatric Research</i> , 2005, 57, 108-114.	2.3	29
32	REGULATION OF CEREBRAL CIRCULATION DURING SLEEP. , 2005, , 351-369.		5
33	Sleep-dependent changes in the cerebral metabolic rate of oxygen consumption in newborn lambs. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S85-S85.	4.3	2
34	Sleep-Related Changes in the Regulation of Cerebral Blood Flow in Newborn Lambs. <i>Sleep</i> , 2004, 27, 36-41.	1.1	12
35	Brain capillary perfusion in the spontaneously hypertensive rat during the wake-sleep cycle. <i>Experimental Brain Research</i> , 2004, 154, 44-49.	1.5	6
36	Effects of Acoustic Stimulation on Cardiovascular Regulation During Sleep. <i>Sleep</i> , 2003, 26, 201-205.	1.1	23