

Tzvetan Popov

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,016
citations

516561

16
h-index

477173

29
g-index

37
all docs

37
docs citations

37
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	Prestimulus oscillatory power and connectivity patterns predispose conscious somatosensory perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E417-25.	3.3	161
2	Specific Cognitive Training Normalizes Auditory Sensory Gating in Schizophrenia: A Randomized Trial. <i>Biological Psychiatry</i> , 2011, 69, 465-471.	0.7	115
3	FEF-Controlled Alpha Delay Activity Precedes Stimulus-Induced Gamma-Band Activity in Visual Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 4117-4127.	1.7	93
4	FieldTrip Made Easy: An Analysis Protocol for Group Analysis of the Auditory Steady State Brain Response in Time, Frequency, and Space. <i>Frontiers in Neuroscience</i> , 2018, 12, 711.	1.4	54
5	Modulation of $\hat{\Gamma}$ Power and Functional Connectivity during Facial Affect Recognition. <i>Journal of Neuroscience</i> , 2013, 33, 6018-6026.	1.7	50
6	Enhanced resting-state oscillations in schizophrenia are associated with decreased synchronization during inattention blindness. <i>Human Brain Mapping</i> , 2013, 34, 2266-2275.	1.9	44
7	Spatial specificity of alpha oscillations in the human visual system. <i>Human Brain Mapping</i> , 2019, 40, 4432-4440.	1.9	43
8	Adjusting Brain Dynamics in Schizophrenia by Means of Perceptual and Cognitive Training. <i>PLoS ONE</i> , 2012, 7, e39051.	1.1	43
9	Evoked and induced oscillatory activity contributes to abnormal auditory sensory gating in schizophrenia. <i>NeuroImage</i> , 2011, 56, 307-314.	2.1	41
10	Cross-frequency interactions between frontal theta and posterior alpha control mechanisms foster working memory. <i>NeuroImage</i> , 2018, 181, 728-733.	2.1	40
11	Cross-frequency dynamics of neuromagnetic oscillatory activity: Two mechanisms of emotion regulation. <i>Psychophysiology</i> , 2012, 49, 1545-1557.	1.2	39
12	Dorsal and ventral cortices are coupled by cross-frequency interactions during working memory. <i>NeuroImage</i> , 2018, 178, 277-286.	2.1	27
13	Changing facial affect recognition in schizophrenia: Effects of training on brain dynamics. <i>NeuroImage: Clinical</i> , 2014, 6, 156-165.	1.4	26
14	A mechanism of deficient interregional neural communication in schizophrenia. <i>Psychophysiology</i> , 2015, 52, 648-656.	1.2	24
15	Time Course of Brain Network Reconfiguration Supporting Inhibitory Control. <i>Journal of Neuroscience</i> , 2018, 38, 4348-4356.	1.7	22
16	Deficient attention modulation of lateralized alpha power in schizophrenia. <i>Psychophysiology</i> , 2016, 53, 776-785.	1.2	18
17	Alpha oscillations govern interhemispheric spike timing coordination in the honey bee brain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200115.	1.2	17
18	Functional cognitive and cortical abnormalities in chronic and first-admission schizophrenia. <i>Schizophrenia Research</i> , 2014, 157, 40-47.	1.1	16

#	ARTICLE	IF	CITATIONS
19	Same clock, different time read-out: Spontaneous brain oscillations and their relationship to deficient coding of cognitive content. <i>NeuroImage</i> , 2015, 119, 316-324.	2.1	16
20	Reduced mismatch negativity and increased variability of brain activity in schizophrenia. <i>Clinical Neurophysiology</i> , 2011, 122, 2365-2374.	0.7	14
21	Consistency of abnormal sensory gating in first admission and chronic schizophrenia across quantification methods. <i>Psychophysiology</i> , 2018, 55, e13006.	1.2	14
22	Verbal working memory-related neural network communication in schizophrenia. <i>Psychophysiology</i> , 2018, 55, e13088.	1.2	12
23	Spectral fingerprints of facial affect processing bias in major depression disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1233-1242.	1.5	9
24	Effective Connectivity Between Broca's Area and Amygdala as a Mechanism of Top-Down Control in Worry. <i>Clinical Psychological Science</i> , 2020, 8, 84-98.	2.4	9
25	Oscillatory brain dynamics supporting impaired Stroop task performance in schizophrenia-spectrum disorder. <i>Schizophrenia Research</i> , 2019, 204, 146-154.	1.1	8
26	Neural network communication facilitates verbal working memory. <i>Biological Psychology</i> , 2018, 136, 119-126.	1.1	6
27	Variation of Functional Neurological Symptoms and Emotion Regulation with Time. <i>Frontiers in Psychiatry</i> , 2018, 9, 35.	1.3	6
28	The impact of cognitive training on spontaneous gamma oscillations in schizophrenia. <i>Psychophysiology</i> , 2018, 55, e13083.	1.2	5
29	Rapid brain responses to affective pictures indicate dimensions of trauma-related psychopathology in adolescents. <i>Psychophysiology</i> , 2020, 57, e13353.	1.2	5
30	Interpreting neural decoding models using grouped model reliance. <i>PLoS Computational Biology</i> , 2020, 16, e1007148.	1.5	5
31	Local Heschl's Gyrus-based coordinate system for intersubject comparison of M50 auditory response modeled by single equivalent current dipole. <i>Journal of Neuroscience Methods</i> , 2010, 192, 121-126.	1.3	4
32	Oscillatory connectivity as a mechanism of auditory sensory gating and its disruption in schizophrenia. <i>Psychophysiology</i> , 2021, , e13770.	1.2	2