

# Tamer Demiralp

## List of Publications by Year in descending order

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98  
papers

4,886  
citations

117571

34  
h-index

95218

68  
g-index

111  
all docs

111  
docs citations

111  
times ranked

4537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Default mode and dorsal attention network involvement in visually guided motor sequence learning. <i>Cortex</i> , 2022, 146, 89-105.	1.1	10
2	Volumetric changes within hippocampal subfields in Alzheimer's disease continuum. <i>Neurological Sciences</i> , 2022, , 1.	0.9	1
3	Altered Resting State Functional Connectivity and Its Correlation with Cognitive Functions at Ultra High Risk for Psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2022, 321, 111444.	0.9	5
4	B-Tensor: Brain Connectome Tensor Factorization for Alzheimer's Disease. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1591-1600.	3.9	1
5	Functional connectivity disturbances of ascending reticular activating system and posterior thalamus in juvenile myoclonic epilepsy in relation with photosensitivity: A resting-state fMRI study. <i>Epilepsy Research</i> , 2021, 171, 106569.	0.8	11
6	Functional Connectivity Analysis in Heterozygous Glucocerebrosidase Mutation Carriers. <i>Journal of Parkinson's Disease</i> , 2021, 11, 559-568.	1.5	5
7	Detection of visual and frontoparietal network perfusion deficits in Parkinson's disease dementia. <i>European Journal of Radiology</i> , 2021, 144, 109985.	1.2	7
8	Neuronavigated rTMS inhibition of right pars triangularis anterior in stuttering: Differential effects on reading and speaking. <i>Brain and Language</i> , 2020, 210, 104862.	0.8	1
9	The cerebral blood flow deficits in Parkinson's disease with mild cognitive impairment using arterial spin labeling MRI. <i>Journal of Neural Transmission</i> , 2020, 127, 1285-1294.	1.4	16
10	Functional neural substrates of football fanaticism: Different pattern of brain responses and connectivity in fanatics. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 480-487.	1.0	5
11	Event-related potential changes due to early-onset Parkinson's disease in parkin (PARK2) gene mutation carriers and non-carriers. <i>Clinical Neurophysiology</i> , 2020, 131, 1444-1452.	0.7	7
12	Evoked and induced EEG oscillations to visual targets reveal a differential pattern of change along the spectrum of cognitive decline in Alzheimer's Disease. <i>International Journal of Psychophysiology</i> , 2020, 155, 41-48.	0.5	15
13	Functional connectivity analysis of patients with temporal lobe epilepsy displaying different ictal propagation patterns. <i>Epileptic Disorders</i> , 2020, 22, 623-632.	0.7	6
14	Individual-based Estimation of Valence with EEG. , 2020, , .		1
15	Intrinsic functional connectivity in social anxiety disorder with and without comorbid attention deficit hyperactivity disorder. <i>Brain Research</i> , 2019, 1722, 146364.	1.1	12
16	Measurement of cognitive dynamics during video watching through event-related potentials (ERPs) and oscillations (EROs). <i>Cognitive Neurodynamics</i> , 2019, 13, 503-512.	2.3	11
17	Erol BaÅar, 1938-2017. <i>Clinical Neurophysiology</i> , 2018, 129, 288-290.	0.7	1
18	[P2328]: DIFFERENTIAL RESTING STATE CONNECTIVITY AND ITS RELATIONSHIP WITH COGNITIVE PERFORMANCE AMONG PARTICIPANTS WITH SUBJECTIVE COGNITIVE IMPAIRMENT (SCI), MILD COGNITIVE IMPAIRMENT (MCI), AND EARLY STAGE ALZHEIMER'S DISEASE (AD). <i>Alzheimer's and Dementia</i> , 2017, 13, P744.	0.4	0

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19	Determination of Diffusion Weighted Magnetic Resonance Imaging Based Biomarkers of Mild Cognitive Impairment in Parkinson's Disease. , 2017, , .		0
20	Achromatic temporal-frequency responses of human lateral geniculate nucleus and primary visual cortex. Vision Research, 2016, 127, 177-185.	0.7	10
21	Group independent component analysis of alzheimer's disease and mild cognitive impairment patients. , 2015, , .		0
22	Task related modulation of group independent components of Alzheimer's disease and mild cognitive impairment patients. , 2015, , .		0
23	A Wavelet Transform Based Method to Determine Depth of Anesthesia to Prevent Awareness during General Anesthesia. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-13.	0.7	7
24	Time-frequency analysis of the event-related potentials associated with the Stroop test. International Journal of Psychophysiology, 2014, 94, 463-472.	0.5	55
25	Emotion recognition based on spatially smooth spectral features of the EEG. , 2013, , .		0
26	P3 response during short-term memory retrieval revisited by a spatio-temporal analysis. International Journal of Psychophysiology, 2012, 84, 205-210.	0.5	11
27	What if you are not sure? Electroencephalographic correlates of subjective confidence level about a decision. Clinical Neurophysiology, 2012, 123, 1158-1167.	0.7	38
28	Cognitive Evaluation of Bupropion Sustained Release in Heavy Tobacco Smokers Using Event-Related Potentials. Medicina (Lithuania), 2012, 48, 34.	0.8	1
29	Simultaneous EEG/fMRI Analysis of the Resonance Phenomena in Steady-State Visual Evoked Responses. Clinical EEG and Neuroscience, 2011, 42, 98-106.	0.9	71
30	Classification of electroencephalogram signals with combined time and frequency features. Expert Systems With Applications, 2011, 38, 10499-10505.	4.4	162
31	Investigation of the neuronal efficacy and EEG source power under steady-state visual stimulation. , 2011, 2011, 6576-9.		0
32	Electroencephalographic differences between WAG/Rij and GAERS rat models of absence epilepsy. Epilepsy Research, 2010, 89, 185-193.	0.8	66
33	Steady state visual evoked potential informed fMRI analysis for alpha, beta and gamma bands. , 2010, , .		0
34	Epileptic source localizations based on EEG and SDE measurements. , 2010, , .		3
35	Topographic and temporal spectral analysis of EEG signals during anaesthesia. , 2010, , .		1
36	Analysis of brain electrical topography by spatio-temporal wavelet decomposition. Mathematical and Computer Modelling, 2009, 49, 2224-2235.	2.0	10

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37	Projection of the steady state visual evoked potentials on prefrontal cortex. , 2009, , .		0
38	The relationship between age-related development of spike-and-wave discharges and the resistance to amygdaloid kindling in rats with genetic absence epilepsy. <i>Neurobiology of Disease</i> , 2008, 32, 355-363.	2.1	27
39	Changes in BOLD transients with visual stimuli across 1â€™44Hz. <i>Neuroscience Letters</i> , 2008, 436, 185-188.	1.0	16
40	P3 and delta band responses in visual oddball paradigm in schizophrenia. <i>Neuroscience Letters</i> , 2008, 440, 304-308.	1.0	89
41	Intra-Amygdaloid Injection of Kainic Acid in Rats with Genetic Absence Epilepsy: The Relationship of Typical Absence Epilepsy and Temporal Lobe Epilepsy. <i>Journal of Neuroscience</i> , 2008, 28, 7828-7836.	1.7	39
42	Implementation of Low Resolution Electro-Magnetic Tomography with fMRI Statistical Maps on Realistic Head Models. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5239-42.	0.5	4
43	DRD4 and DAT1 Polymorphisms Modulate Human Gamma Band Responses. <i>Cerebral Cortex</i> , 2007, 17, 1007-1019.	1.6	105
44	Neuroimaging of Event Related Brain Potentials (ERP) using fMRI and Dipole Source Reconstruction. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3384-7.	0.5	2
45	Bayesian EEG Dipole Source Localization using SA-RJMCMC on Realistic Head Model. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4268-72.	0.5	0
46	Gamma amplitudes are coupled to theta phase in human EEG during visual perception. <i>International Journal of Psychophysiology</i> , 2007, 64, 24-30.	0.5	193
47	The effects of interstimulus interval on sensory gating and on preattentive auditory memory in the oddball paradigm. <i>Neuroscience Letters</i> , 2007, 412, 1-5.	1.0	13
48	Comparative analysis of event-related potentials during Go/NoGo and CPT: Decomposition of electrophysiological markers of response inhibition and sustained attention. <i>Brain Research</i> , 2006, 1104, 114-128.	1.1	182
49	Source Localization of Subtopographic Brain Maps for Event Related Potentials (ERP). , 2006, 2006, 4832-4.		2
50	Source Localization of Subtopographic Brain Maps for Event Related Potentials (ERP). Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
51	Design of an MR-compatible fNIRS instrument. , 2005, , .		0
52	Human EEG gamma oscillations in neuropsychiatric disorders. <i>Clinical Neurophysiology</i> , 2005, 116, 2719-2733.	0.7	536
53	Alpha rhythm of the EEG modulates visual detection performance in humans. <i>Cognitive Brain Research</i> , 2004, 20, 376-383.	3.3	466
54	N2 and P3 components of event-related potential in first-episode schizophrenic patients: scalp topography, medication, and latency effects. <i>Psychiatry Research</i> , 2002, 111, 167-179.	1.7	48

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55	Cognitive impairment in amyotrophic lateral sclerosis: evidence from neuropsychological investigation and event-related potentials. <i>Cognitive Brain Research</i> , 2002, 14, 234-244.	3.3	116
56	Evaluation of the Functions of the Parvocellular and Magnocellular Pathways in Strabismic Amblyopia. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2002, 39, 215-221.	0.3	19
57	Evaluation of the functions of the parvocellular and magnocellular pathways in strabismic amblyopia. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2002, 39, 215-21.	0.3	9
58	Event-related oscillations are "real brain responses" wavelet analysis and new strategies. <i>International Journal of Psychophysiology</i> , 2001, 39, 91-127.	0.5	148
59	Selectively distributed gamma band system of the brain. <i>International Journal of Psychophysiology</i> , 2001, 39, 129-135.	0.5	47
60	Event-related theta oscillations: an integrative and comparative approach in the human and animal brain. <i>International Journal of Psychophysiology</i> , 2001, 39, 167-195.	0.5	82
61	Topological distribution of oddball P300 responses. <i>International Journal of Psychophysiology</i> , 2001, 39, 213-220.	0.5	72
62	Wavelet analysis of oddball P300. <i>International Journal of Psychophysiology</i> , 2001, 39, 221-227.	0.5	135
63	Decomposition of Event-Related Brain Potentials into Multiple Functional Components Using Wavelet Transform. <i>Clinical EEG (electroencephalography)</i> , 2001, 32, 122-138.	0.9	38
64	Wavelet analysis of P3a and P3b. <i>Brain Topography</i> , 2001, 13, 251-267.	0.8	148
65	Multiple time-frequency components account for the complex functional reactivity of P300. <i>NeuroReport</i> , 2000, 11, 1097-1103.	0.6	64
66	Alpha activity decreases during the perception of Necker cube reversals: an application of wavelet transform. <i>Biological Cybernetics</i> , 2000, 82, 313-320.	0.6	64
67	Electroencephalogram alpha (8-15 Hz) responses to visual stimuli in cat cortex, thalamus, and hippocampus: a distributed alpha network?. <i>Neuroscience Letters</i> , 2000, 292, 175-178.	1.0	65
68	A model for P300 generation based on responses to near-threshold visual stimuli. <i>Cognitive Brain Research</i> , 1999, 8, 37-43.	3.3	22
69	Music effects on event-related potentials of humans on the basis of cultural environment. <i>Neuroscience Letters</i> , 1999, 268, 21-24.	1.0	39
70	Slow cortical potential shifts modulate the sensory threshold in human visual system. <i>Neuroscience Letters</i> , 1999, 270, 17-20.	1.0	20
71	Detection of P300 Waves in Single Trials by the Wavelet Transform (WT). <i>Brain and Language</i> , 1999, 66, 108-128.	0.8	121
72	Time-Frequency Analysis of Single-Sweep Event-Related Potentials by Means of Fast Wavelet Transform. <i>Brain and Language</i> , 1999, 66, 129-145.	0.8	120

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73	Oscillatory Brain Dynamics, Wavelet Analysis, and Cognition. <i>Brain and Language</i> , 1999, 66, 146-183.	0.8	102
74	Analysis of event-related potentials (ERP) by damped sinusoids. <i>Biological Cybernetics</i> , 1998, 78, 487-493.	0.6	19
75	Analysis of the electroencephalographic activity during the Necker cube reversals by means of the wavelet transform. <i>Biological Cybernetics</i> , 1998, 79, 437-442.	0.6	38
76	Spontaneous EEG theta activity controls frontal visual evoked potential amplitudes. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1998, 108, 101-109.	2.0	73
77	Slow cortical potential shifts modulate P300 amplitude and topography in humans. <i>Neuroscience Letters</i> , 1998, 251, 61-64.	1.0	12
78	Effects of task variables on the amplitude and phase-locking of auditory gamma band responses in human. <i>International Journal of Neuroscience</i> , 1997, 92, 241-258.	0.8	25
79	The effects of subthreshold visual stimulation on P300 response. <i>NeuroReport</i> , 1997, 8, 3113-3117.	0.6	13
80	The phase-locking of auditory gamma band responses in humans is sensitive to task processing. <i>NeuroReport</i> , 1997, 8, 3999-4004.	0.6	65
81	Time-frequency analysis reveals multiple functional components during oddball P300. <i>NeuroReport</i> , 1997, 8, 2061-2065.	0.6	155
82	Dynamic Properties of the Responses to fast Omitted Stimulus Potential Paradigm in Human. <i>International Journal of Neuroscience</i> , 1996, 88, 159-174.	0.8	4
83	Distributed Gamma Band Responses in the Brain Studied in Cortex, Reticular Formation, Hippocampus and Cerebellum. <i>International Journal of Neuroscience</i> , 1996, 84, 1-13.	0.8	36
84	Time and frequency analysis of the brain's distributed gamma-band system. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 1995, 14, 400-410.	1.1	50
85	Fast rhythms in the hippocampus are a part of the diffuse gamma-response system. <i>Hippocampus</i> , 1995, 5, 240-241.	0.9	19
86	Event-related theta rhythms in cat hippocampus and prefrontal cortex during an omitted stimulus paradigm. <i>International Journal of Psychophysiology</i> , 1994, 18, 35-48.	0.5	43
87	Theta and Delta Responses in Cognitive Event-Related Potential Paradigms and Their Possible Psychophysiological Correlates. , 1994, , 334-367.		3
88	Modeling of evoked potentials as decaying sinusoidal oscillations by PRONY-method. , 1992, , .		3
89	Estimation of event related potentials (ERP) by extended autocorrelation method. , 1992, , .		0
90	Theta rhythmicities following expected visual and auditory targets. <i>International Journal of Psychophysiology</i> , 1992, 13, 147-160.	0.5	116

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91	P300-response: possible psychophysiological correlates in delta and theta frequency channels. A review. International Journal of Psychophysiology, 1992, 13, 161-179.	0.5	481
92	Movement-Related Cortical Potentials: Their Relationship to the Laterality, Complexity and Learning of a Movement. International Journal of Neuroscience, 1990, 51, 153-162.	0.8	11
93	Classification of P300 component in single trial event related potentials. , 0, , .		2
94	An RBF approach to single trial VEP estimation. , 0, , .		2
95	Analysis of functional components of P300 by wavelet transform. , 0, , .		6
96	Epileptic source localization using wavelet prefiltering and MUSIC scanning. , 0, , .		4
97	Spatial Frequency Components of to the Event Related Brain Potentials (ERP). , 0, , .		0
98	Interactions of Gamma and Theta Oscillations in the Electroencephalogram (EEG) during Memory Processes. , 0, , .		1