

# Panagiotis G Simos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2450336/publications.pdf>

Version: 2024-02-01

235  
papers

7,722  
citations

47006

47  
h-index

76900

74  
g-index

238  
all docs

238  
docs citations

238  
times ranked

6097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dyslexia-specific brain activation profile becomes normal following successful remedial training. <i>Neurology</i> , 2002, 58, 1203-1213.	1.1	400
2	Magnetocephalography: a noninvasive alternative to the Wada procedure. <i>Journal of Neurosurgery</i> , 2004, 100, 867-876.	1.6	227
3	Stress and anxiety detection using facial cues from videos. <i>Biomedical Signal Processing and Control</i> , 2017, 31, 89-101.	5.7	205
4	Brain Mechanisms for Reading Words and Pseudowords: an Integrated Approach. <i>Cerebral Cortex</i> , 2002, 12, 297-305.	2.9	194
5	Using Structural Equation Modeling to Assess Functional Connectivity in the Brain. <i>Educational and Psychological Measurement</i> , 2014, 74, 733-758.	2.4	185
6	Magnetoencephalographic mapping of the language-specific cortex. <i>Journal of Neurosurgery</i> , 1999, 90, 85-93.	1.6	169
7	Localization of language-specific cortex by using magnetic source imaging and electrical stimulation mapping. <i>Journal of Neurosurgery</i> , 1999, 91, 787-796.	1.6	157
8	Source localization of the N400 response in a sentence-reading paradigm using evoked magnetic fields and magnetic resonance imaging. <i>Brain Research</i> , 1997, 762, 29-39.	2.2	141
9	Nonlinear alignment and averaging for estimating the evoked potential. <i>IEEE Transactions on Biomedical Engineering</i> , 1996, 43, 348-356.	4.2	138
10	Brain activation profiles in dyslexic children during non-word reading: a magnetic source imaging study. <i>Neuroscience Letters</i> , 2000, 290, 61-65.	2.1	133
11	Does magnetoencephalography add to scalp video-EEG as a diagnostic tool in epilepsy surgery?. <i>Neurology</i> , 2004, 62, 943-948.	1.1	130
12	Multiple bilaterally asymmetric cortical sources account for the auditory N1m component. <i>Brain Topography</i> , 1998, 10, 183-189.	1.8	117
13	Magnetoencephalographic mapping of the language-specific cortex. <i>Neurosurgical Focus</i> , 1998, 5, E2.	2.3	112
14	Automatic Assessment of Depression Based on Visual Cues: A Systematic Review. <i>IEEE Transactions on Affective Computing</i> , 2019, 10, 445-470.	8.3	112
15	Brain mechanisms for reading. <i>NeuroReport</i> , 2000, 11, 2443-2446.	1.2	102
16	Altering the brain circuits for reading through intervention: A magnetic source imaging study.. <i>Neuropsychology</i> , 2007, 21, 485-496.	1.3	97
17	Language Dominance in Children as Determined by Magnetic Source Imaging and the Intracarotid Amobarbital Procedure: A Comparison. <i>Journal of Child Neurology</i> , 2001, 16, 124-130.	1.4	96
18	Development of Lexical Mediation in the Relation Between Reading Comprehension and Word Reading Skills in Greek. <i>Scientific Studies of Reading</i> , 2007, 11, 165-197.	2.0	96

#	ARTICLE	IF	CITATIONS
19	Altered temporal correlations in resting-state connectivity fluctuations in children with reading difficulties detected via MEG. <i>NeuroImage</i> , 2013, 83, 307-317.	4.2	84
20	Reorganization of language-specific cortex in patients with lesions or mesial temporal epilepsy. <i>Neurology</i> , 2004, 63, 1825-1832.	1.1	81
21	Magnetoencephalography (MEG) and Magnetic Source Imaging (MSI). <i>Neurologist</i> , 2004, 10, 138-153.	0.7	80
22	The Hippocampus and Memory of Verbal and Pictorial Material. <i>Learning and Memory</i> , 2002, 9, 99-104.	1.3	79
23	Extracting biomarkers of autism from MEG resting-state functional connectivity networks. <i>Computers in Biology and Medicine</i> , 2011, 41, 1166-1177.	7.0	78
24	Data-Driven Topological Filtering Based on Orthogonal Minimal Spanning Trees: Application to Multigroup Magnetoencephalography Resting-State Connectivity. <i>Brain Connectivity</i> , 2017, 7, 661-670.	1.7	76
25	Toward the Substitution of Invasive Electroencephalography in Epilepsy Surgery. <i>Journal of Clinical Neurophysiology</i> , 2005, 22, 231-237.	1.7	73
26	The Components of the Simple View of Reading: A Confirmatory Factor Analysis. <i>Reading Psychology</i> , 2012, 33, 217-240.	1.4	72
27	Atypical temporal lobe language representation. <i>NeuroReport</i> , 1999, 10, 139-142.	1.2	70
28	Integrating sensory and motor mapping in a comprehensive MEG protocol: Clinical validity and replicability. <i>NeuroImage</i> , 2004, 21, 973-983.	4.2	70
29	Neural networks involved in mathematical thinking: evidence from linear and non-linear analysis of electroencephalographic activity. <i>Neuroscience Letters</i> , 2005, 373, 212-217.	2.1	70
30	Depression Assessment by Fusing High and Low Level Features from Audio, Video, and Text. , , .		69
31	Age-Related Changes in Regional Brain Activation During Phonological Decoding and Printed Word Recognition. <i>Developmental Neuropsychology</i> , 2001, 19, 191-210.	1.4	66
32	Identification of Language-Specific Brain Activity Using Magnetoencephalography. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1998, 20, 706-722.	1.3	65
33	Working Memory in Schizophrenia: An EEG Study Using Power Spectrum and Coherence Analysis to Estimate Cortical Activation and Network Behavior. <i>Brain Topography</i> , 2008, 21, 128-137.	1.8	65
34	The Role of Vocabulary in the Context of the Simple View of Reading. <i>Reading and Writing Quarterly</i> , 2013, 29, 168-202.	1.4	65
35	Assessment of Functional Cerebral Laterality for Language Using Magnetoencephalography. <i>Journal of Clinical Neurophysiology</i> , 1998, 15, 364-372.	1.7	64
36	Lateralization of cerebral activation in auditory verbal and non-verbal memory tasks using magnetoencephalography. <i>Brain Topography</i> , 1999, 12, 89-97.	1.8	58

#	ARTICLE	IF	CITATIONS
37	Abnormal Activation of Temporoparietal Language Areas During Phonetic Analysis in Children With Dyslexia.. <i>Neuropsychology</i> , 2003, 17, 610-621.	1.3	58
38	Relative Timing of Neuronal Activity in Distinct Temporal Lobe Areas During a Recognition Memory Task for Words. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1998, 20, 782-790.	1.3	57
39	Psychometric Evaluation of a Receptive Vocabulary Test for Greek Elementary Students. <i>Assessment for Effective Intervention</i> , 2011, 37, 34-49.	0.8	57
40	Lateralization of Activity Associated with Language Function Using Magnetoencephalography. <i>Journal of Clinical Neurophysiology</i> , 2000, 17, 503-510.	1.7	55
41	Spatio-temporal patterns of brain magnetic activity during a memory task in Alzheimer's disease. <i>NeuroReport</i> , 2001, 12, 3917-3922.	1.2	55
42	Intensive Instruction Affects Brain Magnetic Activity Associated with Oral Word Reading in Children with Persistent Reading Disabilities. <i>Journal of Learning Disabilities</i> , 2007, 40, 37-48.	2.2	54
43	Brain Plasticity for Sensory and Linguistic Functions: A Functional Imaging Study Using Magnetoencephalography With Children and Young Adults. <i>Journal of Child Neurology</i> , 2001, 16, 241-252.	1.4	52
44	Brain Activation Profiles During the Early Stages of Reading Acquisition. <i>Journal of Child Neurology</i> , 2002, 17, 159-163.	1.4	52
45	Early Development of Neurophysiological Processes Involved in Normal Reading and Reading Disability: A Magnetic Source Imaging Study.. <i>Neuropsychology</i> , 2005, 19, 787-798.	1.3	52
46	Organization of receptive language-specific cortex before and after left temporal lobectomy. <i>Neurology</i> , 2005, 64, 481-487.	1.1	51
47	Cortical organization for receptive language functions in Chinese, English, and Spanish: a cross-linguistic MEG study. <i>Neuropsychologia</i> , 2004, 42, 967-979.	1.6	49
48	Hemispheric language dominance in magnetoencephalography: Sensitivity, specificity, and data reduction techniques. <i>Epilepsy and Behavior</i> , 2007, 10, 120-128.	1.7	49
49	Age, gender, and education effects on vocabulary measures in Greek. <i>Aphasiology</i> , 2011, 25, 475-491.	2.2	49
50	Patients with horizontal gaze palsy and progressive scoliosis due to ROBO3 E319K mutation have both uncrossed and crossed central nervous system pathways and perform normally on neuropsychological testing. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 1047-1053.	1.9	48
51	Greater Repertoire and Temporal Variability of Cross-Frequency Coupling (CFC) Modes in Resting-State Neuromagnetic Recordings among Children with Reading Difficulties. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 163.	2.0	48
52	Classification of Students with Reading Comprehension Difficulties: The Roles of Motivation, affect, and Psychopathology. <i>Learning Disability Quarterly</i> , 2006, 29, 159-180.	1.3	47
53	Functional hemispheric asymmetry assessment in a visual language task using MEG. <i>Brain Topography</i> , 1998, 11, 57-65.	1.8	46
54	Age-Related Decline in Verbal Learning Is Moderated by Demographic Factors, Working Memory Capacity, and Presence of Amnesic Mild Cognitive Impairment. <i>Journal of the International Neuropsychological Society</i> , 2014, 20, 822-835.	1.8	45

#	ARTICLE	IF	CITATIONS
55	MEG correlates of categorical perception of a voice onset time continuum in humans. <i>Cognitive Brain Research</i> , 1998, 7, 215-219.	3.0	43
56	Temporal Course of Regional Brain Activation Associated with Phonological Decoding. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1999, 21, 465-476.	1.3	43
57	Neuropsychiatric lupus or not? Cerebral hypoperfusion by perfusion-weighted MRI in normal-appearing white matter in primary neuropsychiatric lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 441-448.	0.9	43
58	The association between obesity and fluid intelligence impairment is mediated by chronic low-grade inflammation. <i>British Journal of Nutrition</i> , 2014, 112, 1724-1734.	2.3	42
59	Behavioral and Electrophysiological Indices of Voicing-Cue Discrimination: Laterality Patterns and Development. <i>Brain and Language</i> , 1997, 57, 122-150.	1.6	41
60	Mapping of Expressive Language Cortex using Magnetic Source Imaging. <i>Neurocase</i> , 2001, 7, 419-422.	0.6	41
61	Language dysfunction in epileptic conditions. <i>Seminars in Pediatric Neurology</i> , 2002, 9, 218-228.	2.0	40
62	Mapping of receptive language cortex in bilingual volunteers by using magnetic source imaging. <i>Journal of Neurosurgery</i> , 2001, 95, 76-81.	1.6	39
63	Localization of ictal and interictal bursting epileptogenic activity in focal cortical dysplasia: Agreement of magnetoencephalography and electrocorticography. <i>Neurological Research</i> , 2002, 24, 525-530.	1.3	39
64	Detection and significance of focal, interictal, slow-wave activity visualized by magnetoencephalography for localization of a primary epileptogenic region. <i>Journal of Neurosurgery</i> , 2002, 96, 724-730.	1.6	39
65	Changes in linear and nonlinear EEG measures as a function of task complexity: evidence for local and distant signal synchronization. <i>Brain Topography</i> , 2003, 15, 239-247.	1.8	39
66	White matter and deep gray matter hemodynamic changes in multiple sclerosis patients with clinically isolated syndrome. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1932-1942.	3.0	39
67	Do cognitive patterns of brain magnetic activity correlate with hippocampal atrophy in Alzheimer's disease?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 208-212.	1.9	38
68	Reliability of language mapping with magnetic source imaging in epilepsy surgery candidates. <i>Epilepsy and Behavior</i> , 2006, 8, 742-749.	1.7	38
69	Temporo-parietal Brain Activity as a Longitudinal Predictor of Response to Educational Interventions among Middle School Struggling Readers. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 875-885.	1.8	38
70	Facial geometry and speech analysis for depression detection. , 2017, 2017, 1433-1436.		38
71	Modulation of gamma-band spectral power by cognitive task complexity. <i>Brain Topography</i> , 2002, 14, 191-196.	1.8	37
72	Brain Mechanisms for Reading in Children With and Without Dyslexia: A Review of Studies of Normal Development and Plasticity. <i>Developmental Neuropsychology</i> , 2003, 24, 593-612.	1.4	37

#	ARTICLE	IF	CITATIONS
73	Multimodality neuroimaging evaluation improves the detection of subtle cortical dysplasia in seizure patients. <i>Neurological Research</i> , 2003, 25, 53-57.	1.3	37
74	Dynamic task-specific brain network connectivity in children with severe reading difficulties. <i>Neuroscience Letters</i> , 2011, 488, 123-128.	2.1	36
75	Neural foundations of overt and covert actions. <i>NeuroImage</i> , 2017, 152, 482-496.	4.2	35
76	Atypical Language Representation in Patients with Chronic Seizure Disorder and Achievement Deficits with Magnetoencephalography. <i>Epilepsia</i> , 2005, 46, 540-548.	5.1	34
77	A comparison of functional MRI and magnetoencephalography for receptive language mapping. <i>Journal of Neuroscience Methods</i> , 2007, 161, 306-313.	2.5	34
78	The unbridged gap between clinical diagnosis and contemporary research on aphasia: A short discussion on the validity and clinical utility of taxonomic categories. <i>Brain and Language</i> , 2017, 164, 63-67.	1.6	34
79	Associations between sleep duration and cognitive impairment in mild cognitive impairment. <i>Journal of Sleep Research</i> , 2019, 28, e12864.	3.2	34
80	Insights Into Brain Function and Neural Plasticity Using Magnetic Source Imaging. <i>Journal of Clinical Neurophysiology</i> , 2000, 17, 143-162.	1.7	34
81	Are memory deficits dependent on the presence of aphasia in left brain damaged patients?. <i>Neuropsychologia</i> , 2013, 51, 1773-1776.	1.6	33
82	Impaired family functioning in psychosis and its relevance to relapse: a two-year follow-up study. <i>Comprehensive Psychiatry</i> , 2015, 62, 1-12.	3.1	33
83	Matthew Effects in Reading Comprehension. <i>Journal of Learning Disabilities</i> , 2011, 44, 402-420.	2.2	32
84	Differential brain activation patterns during perception of voice and tone onset time series: a MEG study. <i>NeuroImage</i> , 2003, 18, 448-459.	4.2	31
85	Levels of word processing and incidental memory: dissociable mechanisms in the temporal lobe. <i>NeuroReport</i> , 2001, 12, 3561-3566.	1.2	30
86	Contributions of magnetic source imaging to the understanding of dyslexia. <i>Seminars in Pediatric Neurology</i> , 2002, 9, 229-238.	2.0	30
87	Simple and difficult mathematics in children: A minimum spanning tree EEG network analysis. <i>Neuroscience Letters</i> , 2014, 576, 28-33.	2.1	30
88	Myelin content changes in probable Alzheimer's disease and mild cognitive impairment: Associations with age and severity of neuropsychiatric impairment. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1359-1372.	3.4	30
89	Modulation of brain magnetic activity by different verbal learning strategies. <i>NeuroImage</i> , 2003, 20, 1110-1121.	4.2	29
90	Functional disruption of the brain mechanism for reading: Effects of comorbidity and task difficulty among children with developmental learning problems.. <i>Neuropsychology</i> , 2011, 25, 520-534.	1.3	29

#	ARTICLE	IF	CITATIONS
91	ERP measures of math anxiety: how math anxiety affects working memory and mental calculation tasks?. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 282.	2.0	29
92	Magnetic Source Imaging Studies of Dyslexia Interventions. <i>Developmental Neuropsychology</i> , 2006, 30, 591-611.	1.4	28
93	Reading Fluency Estimates of Current Intellectual Function: Demographic Factors and Effects of Type of Stimuli. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 355-361.	1.8	28
94	The Greek Version of the Difficulties in Emotion Regulation Scale: Testing the Factor Structure, Reliability and Validity in an Adult Community Sample. <i>Journal of Psychopathology and Behavioral Assessment</i> , 2013, 35, 123-131.	1.2	27
95	Designing a framework for assisting depression severity assessment from facial image analysis. , 2015, , .		27
96	A machine learning-based pipeline for modeling medical, socio-demographic, lifestyle and self-reported psychological traits as predictors of mental health outcomes after breast cancer diagnosis: An initial effort to define resilience effects. <i>Computers in Biology and Medicine</i> , 2021, 131, 104266.	7.0	27
97	Electrophysiological responses from a temporal order continuum in the newborn infant The authors wish to thank Dr. David Pisoni who generously provided the TOT stimuli. The assistance of Rebecca Brenden and Angela Russel during data collection is gratefully acknowledged. This research was supported in part from a grant from the National Institutes of Health (RO1 HD17860).1. <i>Neuropsychologia</i> , 2007, 35, 80-88.	1.6	26
98	Reliability and Validity of Functional Neuroimaging Techniques for Identifying Language-Critical Areas in Children and Adults. <i>Developmental Neuropsychology</i> , 2004, 26, 541-563.	1.4	26
99	Linking family cohesion and flexibility with expressed emotion, family burden and psychological distress in caregivers of patients with psychosis: A path analytic model. <i>Psychiatry Research</i> , 2016, 240, 66-75.	3.3	26
100	Burnout and job performance: a two-wave study on the mediating role of employee cognitive functioning. <i>European Journal of Work and Organizational Psychology</i> , 2021, 30, 692-704.	3.7	26
101	The Cretan Aging Cohort: Cohort Description and Burden of Dementia and Mild Cognitive Impairment. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2019, 34, 23-33.	1.9	25
102	Brain Mechanisms for Reading in Children With and Without Dyslexia: A Review of Studies of Normal Development and Plasticity. <i>Developmental Neuropsychology</i> , 2003, 24, 593-612.	1.4	25
103	Spatio-Temporal Cortical Dynamics of Phonemic and Semantic Fluency. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2004, 26, 1031-1043.	1.3	24
104	â€œSuicide rates in Crete, Greece during the economic crisis: the effect of age, gender, unemployment and mental health service provisionâ€™. <i>BMC Psychiatry</i> , 2018, 18, 356.	2.6	24
105	Cognitive deficits early in the course of rheumatoid arthritis. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2016, 38, 820-829.	1.3	23
106	In Search of Matthew Effects in Reading. <i>Journal of Learning Disabilities</i> , 2016, 49, 499-514.	2.2	23
107	Ageâ€related deep white matter changes in myelin and water content: A T<sub>2</sub> relaxometry study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1393-1404.	3.4	23
108	Mild traumatic brain injury: Graph-model characterization of brain networks for episodic memory. <i>International Journal of Psychophysiology</i> , 2011, 79, 89-96.	1.0	22

#	ARTICLE	IF	CITATIONS
109	Effects of demographic variables and health status on brief vocabulary measures in Greek. <i>Aphasiology</i> , 2011, 25, 492-504.	2.2	21
110	Early Signs of Memory Impairment among Multiple Sclerosis Patients with Clinically Isolated Syndrome. <i>Behavioural Neurology</i> , 2012, 25, 311-326.	2.1	21
111	Ongoing electroencephalographic signal study of simple arithmetic using linear and non-linear measures. <i>International Journal of Psychophysiology</i> , 2002, 44, 231-238.	1.0	20
112	Does IQ affect the functional brain network involved in pseudoword reading in students with reading disability? A magnetoencephalography study. <i>Frontiers in Human Neuroscience</i> , 2014, 7, 932.	2.0	20
113	Extraction of facial features as indicators of stress and anxiety. , 2015, 2015, 3711-4.		20
114	Neuroimaging features of epidermal nevus syndrome. <i>American Journal of Neuroradiology</i> , 2003, 24, 1468-70.	2.4	20
115	Exploring students's affect and achievement goals in the context of an intervention to improve web searching skills. <i>Computers in Human Behavior</i> , 2015, 49, 156-170.	8.5	19
116	NEET status among young Greeks: Association with mental health and substance use. <i>Journal of Affective Disorders</i> , 2019, 253, 210-217.	4.1	19
117	A Review of Clinical Applications of Magnetoencephalography. <i>International Review of Neurobiology</i> , 2005, 68, 223-247.	2.0	18
118	Temporal course of word recognition in skilled readers: A magnetoencephalography study. <i>Behavioural Brain Research</i> , 2009, 197, 45-54.	2.2	18
119	Quantitative comparison of motion history image variants for video-based depression assessment. <i>Eurasip Journal on Image and Video Processing</i> , 2017, 2017, .	2.6	18
120	Association between insomnia symptoms and cognitive impairment in the Cretan Aging Cohort. <i>European Geriatric Medicine</i> , 2018, 9, 697-706.	2.8	18
121	Quantitative Identification of Functional Connectivity Disturbances in Neuropsychiatric Lupus Based on Resting-State fMRI: A Robust Machine Learning Approach. <i>Brain Sciences</i> , 2020, 10, 777.	2.3	18
122	Objective Daytime Napping is Associated with Disease Severity and Inflammation in Patients with Mild to Moderate Dementia. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 803-815.	2.6	18
123	Magnetoencephalographic evidence for common sources of long latency fields to rare target and rare novel visual stimuli. <i>International Journal of Psychophysiology</i> , 1997, 25, 123-137.	1.0	17
124	EEG correlates of cerebral engagement in reading tasks. <i>Brain Topography</i> , 1999, 12, 99-105.	1.8	17
125	Profiles of brain magnetic activity during a memory task in patients with Alzheimer's disease and in non-demented elderly subjects, with or without depression. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004, 75, 1160-1162.	1.9	17
126	Aberrant spatiotemporal activation profiles associated with math difficulties in children: A magnetic source imaging study.. <i>Neuropsychology</i> , 2008, 22, 571-584.	1.3	17



#	ARTICLE	IF	CITATIONS
127	Engagement of Temporal Lobe Regions Predicts Response to Educational Interventions in Adolescent Struggling Readers. <i>Developmental Neuropsychology</i> , 2011, 36, 869-888.	1.4	17
128	Cognitive, emotional, and behavioral mediators of the impact of coping self-efficacy on adaptation to breast cancer: An international prospective study. <i>Psycho-Oncology</i> , 2021, 30, 1555-1562.	2.3	16
129	Verbal Comprehension Ability in Aphasia: Demographic and Lexical Knowledge Effects. <i>Behavioural Neurology</i> , 2014, 2014, 1-8.	2.1	15
130	Hemodynamic evidence linking cognitive deficits in clinically isolated syndrome to regional brain inflammation. <i>European Journal of Neurology</i> , 2014, 21, 499-505.	3.3	15
131	Multimodality functional imaging evaluation in a patient with Rasmussen's encephalitis. <i>Brain and Development</i> , 2002, 24, 239-244.	1.1	14
132	Reproducibility of measures of neurophysiological activity in Wernicke's area: A magnetic source imaging study. <i>Clinical Neurophysiology</i> , 2005, 116, 2381-2391.	1.5	14
133	Time-constrained functional connectivity analysis of cortical networks underlying phonological decoding in typically developing school-aged children: A magnetoencephalography study. <i>Brain and Language</i> , 2013, 125, 156-164.	1.6	14
134	Video-based depression detection using local Curvelet binary patterns in pairwise orthogonal planes. , 2016, 2016, 3835-3838.		14
135	Aberrant resting-state functional brain networks in dyslexia: Symbolic mutual information analysis of neuromagnetic signals. <i>International Journal of Psychophysiology</i> , 2018, 126, 20-29.	1.0	14
136	MEG localization of language-specific cortex utilizing MR-FOCUSS. <i>Neurology</i> , 2005, 64, 765-765.	1.1	13
137	Early signs of memory impairment among multiple sclerosis patients with clinically isolated syndrome. <i>Behavioural Neurology</i> , 2012, 25, 311-26.	2.1	13
138	Material-Specific Difficulties in Episodic Memory Tasks in Mild Traumatic Brain Injury. <i>International Journal of Neuroscience</i> , 2010, 120, 184-191.	1.6	12
139	Regional MRI Perfusion Measures Predict Motor/Executive Function in Patients with Clinically Isolated Syndrome. <i>Behavioural Neurology</i> , 2014, 2014, 1-8.	2.1	12
140	Cognitive and academic abilities associated with symptoms of attention-deficit/hyperactivity disorder: a comparison between subtypes in a Greek non-clinical sample. <i>Educational Psychology</i> , 2016, 36, 138-158.	2.7	12
141	Apolipoprotein E $\epsilon$ 4 (APOE $\epsilon$ 4) Allele is Associated with Long Sleep Duration Among Elderly with Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 763-771.	2.6	12
142	MEG correlates of categorical-like temporal cue perception in humans. <i>NeuroReport</i> , 1998, 9, 2475-2479.	1.2	11
143	A magnetoencephalography study of cortical plasticity. <i>Neurocase</i> , 1999, 5, 277-284.	0.6	11
144	Spatio-temporal brain activation profiles associated with line bisection judgments and double simultaneous visual stimulation. <i>Behavioural Brain Research</i> , 2003, 152, 97-107.	2.2	11

#	ARTICLE	IF	CITATIONS
145	Vocabulary growth in second language among immigrant school-aged children in Greece. <i>Applied Psycholinguistics</i> , 2014, 35, 621-647.	1.1	11
146	Cognitive screening tools for primary care settings: examining the "Test Your Memory"™ and "General Practitioner assessment of Cognition"™ tools in a rural aging population in Greece. <i>European Journal of General Practice</i> , 2017, 23, 172-179.	2.0	11
147	Event-Related Potentials in a Two-Choice Task Involving Within-Form Comparisons of Pictures and Words. <i>International Journal of Neuroscience</i> , 1997, 90, 233-253.	1.6	10
148	The Timing and Strength of Regional Brain Activation Associated with Word Recognition in Children with Reading Difficulties. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 45.	2.0	10
149	Single-trial linear correlation analysis: application to characterization of stimulus modality effects. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 15.	2.1	10
150	Cultural Adaptation, Standardization and Clinical Validity of the Test Your Memory Dementia Screening Instrument in Greek. <i>Dementia and Geriatric Cognitive Disorders</i> , 2014, 37, 163-180.	1.5	10
151	In Search of Executive Impairment in Pathological Gambling: A Neuropsychological Study on Non-treatment Seeking Gamblers. <i>Journal of Gambling Studies</i> , 2018, 34, 1327-1340.	1.6	10
152	Working memory impairment in aphasia: The issue of stimulus modality. <i>Journal of Neurolinguistics</i> , 2018, 48, 104-116.	1.1	10
153	Language Dominance in Children as Determined by Magnetic Source Imaging and the Intracarotid Amobarbital Procedure: A Comparison. <i>Journal of Child Neurology</i> , 2001, 16, 124.	1.4	10
154	Magnetic fields elicited by a tone onset time continuum in humans. <i>Cognitive Brain Research</i> , 1998, 6, 285-294.	3.0	9
155	Dynamic Brain Activation Patterns for Face Recognition: A Magnetoencephalography Study. <i>Brain Topography</i> , 2005, 18, 19-26.	1.8	9
156	Developing a Data Infrastructure for Enabling Breast Cancer Women to BOUNCE Back. , 2019, , .		9
157	Typical and Aberrant Functional Brain Flexibility: Lifespan Development and Aberrant Organization in Traumatic Brain Injury and Dyslexia. <i>Brain Sciences</i> , 2019, 9, 380.	2.3	9
158	Somatosensory evoked magnetic fields in hemimegalencephaly. <i>Neurological Research</i> , 2002, 24, 459-462.	1.3	8
159	Cerebral perfusion disturbances in chronic mild traumatic brain injury correlate with psychoemotional outcomes. <i>Brain Imaging and Behavior</i> , 2021, 15, 1438-1449.	2.1	8
160	Basal Cortisol Levels Are Increased in Patients with Mild Cognitive Impairment: Role of Insomnia and Short Sleep Duration. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 933-944.	2.6	8
161	Frontotemporal Dysfunction in Amyotrophic Lateral Sclerosis: A Discriminant Function Analysis. <i>Neurodegenerative Diseases</i> , 2016, 16, 140-146.	1.4	7
162	Assessing Variability in Reading Performance with the New Greek Standardized Reading Speed Texts (IReST). <i>Optometry and Vision Science</i> , 2019, 96, 761-767.	1.2	7

#	ARTICLE	IF	CITATIONS
163	Frequency and risk factors associated with depression in elderly visiting Primary Health Care (PHC) settings: Findings from the Cretan Aging Cohort. <i>Journal of Affective Disorders Reports</i> , 2021, 4, 100109.	1.7	7
164	Action Observation Responses Are Influenced by Movement Kinematics and Target Identity. <i>Cerebral Cortex</i> , 2022, 32, 490-503.	2.9	7
165	Task-specific magnetic fields from the left human frontal cortex. <i>Brain Topography</i> , 1996, 9, 31-37.	1.8	6
166	Prefrontal Brain Magnetic Activity: Effects of Memory Task Demands.. <i>Neuropsychology</i> , 2005, 19, 301-308.	1.3	6
167	Neural correlates of sentence reading in children with reading difficulties. <i>NeuroReport</i> , 2011, 22, 674-678.	1.2	6
168	Efficient word reading: Automaticity of print-related skills indexed by rapid automatized naming through cusp-catastrophe modeling. <i>Scientific Studies of Reading</i> , 2016, 20, 6-19.	2.0	6
169	Adaptation to an autoimmune disorder: Does mental flexibility impact illness-related self-regulation?. <i>Psychology and Health</i> , 2016, 31, 276-291.	2.2	6
170	Head Movements in Context of Speech during Stress Induction. , 2018, , .		6
171	Can the Relationship Between Rapid Automatized Naming and Word Reading Be Explained by a Catastrophe? Empirical Evidence From Students With and Without Reading Difficulties. <i>Journal of Learning Disabilities</i> , 2019, 52, 59-70.	2.2	6
172	<scp>T2</scp> Relaxometry Evidence of Microstructural Changes in Diffusely Abnormal White Matter in Relapsingâ€“Remitting Multiple Sclerosis and Clinically Isolated Syndrome: Impact on Visuomotor Performance. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1077-1087.	3.4	6
173	Changes in resting-state functional connectivity in neuropsychiatric lupus: A dynamic approach based on recurrence quantification analysis. <i>Biomedical Signal Processing and Control</i> , 2022, 72, 103285.	5.7	6
174	Brain mechanisms for reading and language processing in spina bifida meningomyelocele: A combined magnetic source- and structural magnetic resonance imaging study.. <i>Neuropsychology</i> , 2011, 25, 590-601.	1.3	5
175	The Physiological Effects of Goal Orientations on the Reading Performance of Students with Dyslexia: A Pilot Study. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 93, 1546-1551.	0.5	5
176	Assessment and conceptual remediation of basic calculation skills in elementary school students. <i>British Journal of Developmental Psychology</i> , 2018, 36, 78-97.	1.7	5
177	Emotion regulation contributes to the well-being of patients with autoimmune diseases through illness-related emotions: A prospective study. <i>Journal of Health Psychology</i> , 2020, 25, 2096-2105.	2.3	5
178	Emerging deep learning techniques using magnetic resonance imaging data applied in multiple sclerosis and clinical isolated syndrome patients (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1149.	1.8	5
179	Brain Plasticity for Sensory and Linguistic Functions: A Functional Imaging Study Using Magnetoencephalography With Children and Young Adults. <i>Journal of Child Neurology</i> , 2001, 16, 241.	1.4	5
180	Screening for cognitive impairment in systemic lupus erythematosus: Application of the Montreal Cognitive Assessment (MoCA) in a Greek patient sample. <i>Lupus</i> , 2021, 30, 2237-2247.	1.6	5

#	ARTICLE	IF	CITATIONS
181	Poor Diet, Long Sleep, and Lack of Physical Activity Are Associated with Inflammation among Non-Demented Community-Dwelling Elderly. <i>Healthcare (Switzerland)</i> , 2022, 10, 143.	2.0	5
182	The association of basal cortisol levels with episodic memory in older adults is mediated by executive function. <i>Neurobiology of Learning and Memory</i> , 2022, 190, 107600.	1.9	5
183	Classifying children with reading difficulties from non-impaired readers via symbolic dynamics and complexity analysis of MEG resting-state data. , 2016, , .		4
184	Self-reported fatigue as a risk index for dementia diagnosis. <i>European Geriatric Medicine</i> , 2018, 9, 211-217.	2.8	4
185	Adaptation to inflammatory rheumatic disease: Do illness representations predict patients' physical functioning over time? A complex relationship. <i>Journal of Behavioral Medicine</i> , 2018, 41, 232-242.	2.1	4
186	The auditory and association cortex and language evaluation methods. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 160, 465-479.	1.8	4
187	The impact of mild cognitive impairment on the self-regulation process: A comparison study of persons with mild cognitive impairment and cognitively healthy older adults. <i>Journal of Health Psychology</i> , 2019, 24, 351-361.	2.3	4
188	Cognitive Impairment and Dementia in Primary Care: Current Knowledge and Future Directions Based on Findings From a Large Cross-Sectional Study in Crete, Greece. <i>Frontiers in Medicine</i> , 2020, 7, 592924.	2.6	4
189	Assessing normal brain function with magnetoencephalography. <i>International Congress Series</i> , 2002, 1232, 519-534.	0.2	3
190	Do different writing systems involve distinct profiles of brain activation? A magnetoencephalography study. <i>Journal of Neurolinguistics</i> , 2003, 16, 429-438.	1.1	3
191	MEG correlates of bimodal encoding of faces and persons' names. <i>Brain Research</i> , 2008, 1230, 192-201.	2.2	3
192	Introduction to Approaching Reading Comprehension From Multiple Theoretical Perspectives. <i>Reading and Writing Quarterly</i> , 2013, 29, 121-123.	1.4	3
193	Video-based Pain Level Assessment: Feature Selection and Inter-Subject Variability Modeling. , 2018, , .		3
194	Is There Any Clinical Value of Adding 123I-Metaiodobenzylguanidine Myocardial Scintigraphy to 123I-iodoflupane (DaTscan) in the Differential Diagnosis of Parkinsonism?. <i>Clinical Nuclear Medicine</i> , 2020, 45, 588-593.	1.3	3
195	Clinical impact of targeted single-photon emission computed tomography/computed tomography (SPECT/CT) bone scintigraphy on the assessment of bone metastasis in cancer patients. <i>Nuclear Medicine Communications</i> , 2021, Publish Ahead of Print, 1202-1208.	1.1	3
196	Myelin content changes in Clinically Isolated Syndrome and Relapsing- Remitting Multiple Sclerosis: Associations with lesion type and severity of visuomotor impairment. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 54, 103108.	2.0	3
197	A Psychometric Analysis of Raven's Colored Progressive Matrices: Evaluating Guessing and Carelessness Using the 4PL Item Response Theory Model. <i>Journal of Intelligence</i> , 2022, 10, 6.	2.5	3
198	Multisubject Task-Related fMRI Data Processing via a Two-Stage Generalized Canonical Correlation Analysis. <i>IEEE Transactions on Image Processing</i> , 2022, 31, 4011-4022.	9.8	3

#	ARTICLE	IF	CITATIONS
199	Cognitive impairment in a primary healthcare population: a cross-sectional study on the island of Crete, Greece. <i>BMJ Open</i> , 2020, 10, e035551.	1.9	2
200	Physical and mental health burden of caregivers of patients with psychiatric disorders. <i>Psychiatry Research</i> , 2020, 293, 113431.	3.3	2
201	Multi-subject Task-related fMRI Data Analysis via Generalized Canonical Correlation Analysis. , 2020, 2020, 1497-1502.		2
202	A Magnetoencephalography Study of Cortical Plasticity. <i>Neurocase</i> , 1999, 5, 277-284.	0.6	2
203	Adiponectin levels may help assess the clinical repercussions of obesity irrespective of body mass index. <i>Hormones</i> , 2017, 13, 271-281.	1.9	2
204	Study of Alzheimer's disease- and frontotemporal dementia-associated genes in the Cretan Aging Cohort. <i>Neurobiology of Aging</i> , 2023, 123, 111-128.	3.1	2
205	Intraoperative Neurophysiological Monitoring Part 2. <i>Journal of Clinical Engineering</i> , 1997, 22, 321-327.	0.1	1
206	Intraoperative Neurophysiological Monitoring Part 1. <i>Journal of Clinical Engineering</i> , 1997, 22, 316-320.	0.1	1
207	Functional brain imaging of language: criteria for scientific merit and supporting data from magnetic source imaging. <i>Journal of Neurolinguistics</i> , 2003, 16, 255-275.	1.1	1
208	A response to the article of Lau et al. "A systematic review on MEG and its use in the presurgical evaluation of localization related epilepsy", <i>Epilepsy Research</i> 2008;79(May (2-3)):97-104. <i>Epilepsy Research</i> , 2008, 82, 237.	1.6	1
209	Time course of electromagnetic activity associated with detection of rare events. <i>NeuroReport</i> , 2011, 22, 136-140.	1.2	1
210	Estimation of Regional Activation Maps and Interdependencies from Minimum Norm Estimates of Magnetoencephalography (MEG) Data. <i>Neuroinformatics</i> , 2014, , 267-289.	0.3	1
211	Automated characterization of mouth activity for stress and anxiety assessment. , 2016, , .		1
212	Patient and partner dispositional optimism as a long-term predictor of illness representations in autoimmune diseases. <i>Journal of Health Psychology</i> , 2017, 22, 1691-1700.	2.3	1
213	Adiponectin levels may help assess the clinical repercussions of obesity irrespective of body mass index. <i>Hormones</i> , 2017, 16, 271-281.	1.9	1
214	Mixed language dominance: insights from a case of unexpected fluent aphasia with semantic jargon resulting from massive left perisylvian lesion. <i>Neurocase</i> , 2018, 24, 10-15.	0.6	1
215	An Innovative, Information and Communication Technology Supported Approach, Towards Effective Chronic Pain Management. <i>International Journal of Reliable and Quality E-Healthcare</i> , 2019, 8, 23-39.	1.1	1
216	Computational Modeling of Psychological Resilience Trajectories During Breast Cancer Treatment. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
217	Response to: 'Neuropsychiatric lupus or not? Cerebral hypoperfusion by perfusion-weighted MRI in normal-appearing white matter in primary neuropsychiatric lupus erythematosus' by Papadaki et al' by Wallace. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, e6-e6.	0.9	1
218	The relationship between dissociation and acute pain: the impact of prior and reactive dissociation. <i>Current Psychology</i> , 0, , 1.	2.8	1
219	Effects of Obstructive Sleep Apnea Syndrome and Medical Comorbidities on Language Abilities. <i>Frontiers in Neurology</i> , 2021, 12, 721334.	2.4	1
220	Multi-subject Resting-State fMRI Data Analysis via Generalized Canonical Correlation Analysis. , 2021, , .		1
221	Magnetic Source Imaging: A Suitable Tool of Exploring the Neurophysiology of Typical and Impaired Reading Ability. , 2012, , 25-47.		1
222	Applications of Magnetoencephalography in Epilepsy and Tumor Surgery. , 2019, , 51-65.		1
223	The effect of peer " education in high school CPR/AED training program on students' self-efficacy: an interventional randomized control trial. <i>European Journal of Emergency Medicine</i> , 2022, 29, 70-72.	1.1	1
224	Introduction to the Special Issue on Advancing Neuroscience Through a Systems Approach. <i>Developmental Neuropsychology</i> , 2011, 36, 807-809.	1.4	0
225	Transcortical Sensory Aphasia After Extensive Left Perisylvian Lesion: A Case of Mixed Dominance. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 23, 236-237.	0.5	0
226	369 Insomnia with objective short sleep duration is associated with increased cortisol in patients with Mild Cognitive Impairment. <i>Sleep</i> , 2021, 44, A147-A147.	1.1	0
227	757 Associations Between Sleep Complaints, Suicidal Ideation and Depression Among Adolescents and Young Adults in Greece. <i>Sleep</i> , 2021, 44, A295-A295.	1.1	0
228	Changing memories by interference: the effect of emotional dimensions in reconsolidation of episodic memories. <i>Cognition and Emotion</i> , 2021, 35, 1400-1406.	2.0	0
229	The Significance of Echo Time in fMRI BOLD Contrast: A Clinical Study during Motor and Visual Activation Tasks at 1.5 T. <i>Tomography</i> , 2021, 7, 333-343.	1.8	0
230	Brain Mechanisms for Reading in Children With and Without Dyslexia: A Review of Studies of Normal Development and Plasticity. , 2020, , 593-612.		0
231	Preliminary Evaluation of a Web-Oriented Assessment Tool for Emotion Recognition. <i>Studies in Health Technology and Informatics</i> , 2016, 224, 95-100.	0.3	0
232	The relation of partners' illness representations to the coping behaviors of patients with inflammatory rheumatic diseases through patients' illness representation: A dyadic regulation process. <i>Current Psychology</i> , 0, , 1.	2.8	0
233	Preserved visuospatial abilities in absence of the right hemisphere: A case of cerebral hemiatrophy with minimal cognitive impairment. <i>Journal of Neuropsychology</i> , 2022, , .	1.4	0
234	Improving the Sensitivity of Task-Related Functional Magnetic Resonance Imaging Data Using Generalized Canonical Correlation Analysis. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 771668.	2.0	0

#	ARTICLE	IF	CITATIONS
235	TARDBP pathogenic variants in patients with amyotrophic lateral sclerosis, frontotemporal dementia and Alzheimer's disease phenotypes.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e052339.	0.8	0