

# Dimitrios Pantazis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1555381/publications.pdf>

Version: 2024-02-01

40  
papers

6,572  
citations

304743

22  
h-index

361022

35  
g-index

49  
all docs

49  
docs citations

49  
times ranked

7563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brainstorm: A User-Friendly Application for MEG/EEG Analysis. Computational Intelligence and Neuroscience, 2011, 2011, 1-13.	1.7	2,564
2	Resolving human object recognition in space and time. Nature Neuroscience, 2014, 17, 455-462.	14.8	654
3	Comparison of deep neural networks to spatio-temporal cortical dynamics of human visual object recognition reveals hierarchical correspondence. Scientific Reports, 2016, 6, 27755.	3.3	510
4	Autism as a disorder of prediction. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15220-15225.	7.1	396
5	A note on the phase locking value and its properties. NeuroImage, 2013, 74, 231-244.	4.2	258
6	Coherent neural representation of hand speed in humans revealed by MEG imaging. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7676-7681.	7.1	252
7	Boundary and medial shape analysis of the hippocampus in schizophrenia. Medical Image Analysis, 2004, 8, 197-203.	11.6	224
8	A comparison of random field theory and permutation methods for the statistical analysis of MEG data. NeuroImage, 2005, 25, 383-394.	4.2	191
9	Dynamics of scene representations in the human brain revealed by magnetoencephalography and deep neural networks. NeuroImage, 2017, 153, 346-358.	4.2	146
10	Similarity-Based Fusion of MEG and fMRI Reveals Spatio-Temporal Dynamics in Human Cortex During Visual Object Recognition. Cerebral Cortex, 2016, 26, 3563-3579.	2.9	138
11	MEG/EEG Group Analysis With Brainstorm. Frontiers in Neuroscience, 2019, 13, 76.	2.8	135
12	How face perception unfolds over time. Nature Communications, 2019, 10, 1258.	12.8	130
13	Comparison of landmark-based and automatic methods for cortical surface registration. NeuroImage, 2010, 49, 2479-2493.	4.2	121
14	Multivariate pattern analysis of MEG and EEG: A comparison of representational structure in time and space. NeuroImage, 2017, 158, 441-454.	4.2	98
15	Alpha Synchrony and the Neurofeedback Control of Spatial Attention. Neuron, 2020, 105, 577-587.e5.	8.1	90
16	Ultra-Rapid serial visual presentation reveals dynamics of feedforward and feedback processes in the ventral visual pathway. ELife, 2018, 7, .	6.0	86
17	Can visual information encoded in cortical columns be decoded from magnetoencephalography data in humans?. NeuroImage, 2015, 121, 193-204.	4.2	80
18	Identifying true cortical interactions in MEG using the nulling beamformer. NeuroImage, 2010, 49, 3161-3174.	4.2	78

#	ARTICLE	IF	CITATIONS
19	Dynamic Activation of Frontal, Parietal, and Sensory Regions Underlying Anticipatory Visual Spatial Attention. <i>Journal of Neuroscience</i> , 2011, 31, 13880-13889.	3.6	64
20	Visual phonetic processing localized using speech and nonspeech face gestures in video and pointâ€light displays. <i>Human Brain Mapping</i> , 2011, 32, 1660-1676.	3.6	48
21	Repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex enhances working memory. <i>Experimental Brain Research</i> , 2016, 234, 1807-1818.	1.5	42
22	Decoding the orientation of contrast edges from MEG evoked and induced responses. <i>NeuroImage</i> , 2018, 180, 267-279.	4.2	40
23	The perceptual neural trace of memorable unseen scenes. <i>Scientific Reports</i> , 2019, 9, 6033.	3.3	27
24	Spatiotemporal Localization of Significant Activation in MEG Using Permutation Tests. <i>Lecture Notes in Computer Science</i> , 2003, 18, 512-523.	1.3	26
25	A novel ANCOVA design for analysis of MEG data with application to a visual attention studyâ†. <i>NeuroImage</i> , 2009, 44, 164-174.	4.2	19
26	A Graph Gaussian Embedding Method for Predicting Alzheimer's Disease Progression With MEG Brain Networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1579-1588.	4.2	19
27	Hearing Scenes: A Neuromagnetic Signature of Auditory Source and Reverberant Space Separation. <i>ENeuro</i> , 2017, 4, ENEURO.0007-17.2017.	1.9	19
28	A new Graph Gaussian embedding method for analyzing the effects of cognitive training. <i>PLoS Computational Biology</i> , 2020, 16, e1008186.	3.2	16
29	New Cognitive Neurotechnology Facilitates Studies of Corticalâ€Subcortical Interactions. <i>Trends in Biotechnology</i> , 2020, 38, 952-962.	9.3	15
30	Color Space Geometry Uncovered with Magnetoencephalography. <i>Current Biology</i> , 2021, 31, 515-526.e5.	3.9	15
31	Temporal dynamics of the neural representation of hue and luminance polarity. <i>Nature Communications</i> , 2022, 13, 661.	12.8	8
32	Using Brain Waves to Control Computers and Machines. <i>Advances in Human-Computer Interaction</i> , 2013, 2013, 1-2.	2.8	7
33	Thalamocortical inhibitory dynamics support conscious perception. <i>NeuroImage</i> , 2020, 220, 117066.	4.2	7
34	Statistically optimal graph partition method based on modularity. , 2010, , .		4
35	Statistically optimal modular partitioning of directed graphs. , 2010, , .		4
36	Partitioning directed graphs based on modularity and information flow. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
37	How expectations of pain elicited by consciously and unconsciously perceived cues unfold over time. <i>NeuroImage</i> , 2021, 235, 117985.	4.2	3
38	EXPLORING HUMAN VISUAL ATTENTION IN AN MEG STUDY OF A SPATIAL CUEING PARADIGM USING A NOVEL ANCOVA DESIGN. , 2007, , .		2
39	The Neural Representation of a Repeated Standard Stimulus in Dyslexia. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	2.0	2
40	Structural analysis of the cerebral cortex using blind source separation. , 2011, , .		0