

Marios G Philiastides

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,210
citations

257450

24
h-index

434195

31
g-index

41
all docs

41
docs citations

41
times ranked

2904
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferring Macroscale Brain Dynamics via Fusion of Simultaneous EEG-fMRI. Annual Review of Neuroscience, 2021, 44, 315-334.	10.7	17
2	Auditory information enhances post-sensory visual evidence during rapid multisensory decision-making. Nature Communications, 2020, 11, 5440.	12.8	22
3	The Confidence Database. Nature Human Behaviour, 2020, 4, 317-325.	12.0	84
4	Neural correlates of weighted reward prediction error during reinforcement learning classify response to cognitive behavioral therapy in depression. Science Advances, 2019, 5, eaav4962.	10.3	25
5	Separate neural representations of prediction error valence and surprise: Evidence from an fMRI meta-analysis. Human Brain Mapping, 2018, 39, 2887-2906.	3.6	113
6	Dorsal Anterior Cingulate Cortices Differentially Lateralize Prediction Errors and Outcome Valence in a Decision-Making Task. Frontiers in Human Neuroscience, 2018, 12, 203.	2.0	16
7	Human VMPFC encodes early signatures of confidence in perceptual decisions. ELife, 2018, 7, .	6.0	65
8	Sounds facilitate visual motion discrimination via the enhancement of late occipital visual representations. NeuroImage, 2017, 148, 31-41.	4.2	36
9	Perceptual learning alters post-sensory processing in human decision-making. Nature Human Behaviour, 2017, 1, .	12.0	29
10	Neural correlates of evidence accumulation during value-based decisions revealed via simultaneous EEG-fMRI. Nature Communications, 2017, 8, 15808.	12.8	133
11	Spatiotemporal neural characterization of prediction error valence and surprise during reward learning in humans. Scientific Reports, 2017, 7, 4762.	3.3	41
12	Space-by-time decomposition for single-trial decoding of M/EEG activity. NeuroImage, 2016, 133, 504-515.	4.2	18
13	Neural representations of confidence emerge from the process of decision formation during perceptual choices. NeuroImage, 2015, 106, 134-143.	4.2	119
14	Two spatiotemporally distinct value systems shape reward-based learning in the human brain. Nature Communications, 2015, 6, 8107.	12.8	55
15	Human Scalp Potentials Reflect a Mixture of Decision-Related Signals during Perceptual Choices. Journal of Neuroscience, 2014, 34, 16877-16889.	3.6	106
16	Prestimulus alpha power predicts fidelity of sensory encoding in perceptual decision making. NeuroImage, 2014, 87, 242-251.	4.2	50
17	Influence of Branding on Preference-Based Decision Making. Psychological Science, 2013, 24, 1208-1215.	3.3	50
18	How Embodied Is Perceptual Decision Making? Evidence for Separate Processing of Perceptual and Motor Decisions. Journal of Neuroscience, 2013, 33, 2121-2136.	3.6	90

#	ARTICLE	IF	CITATIONS
19	Temporal Characteristics of the Influence of Punishment on Perceptual Decision Making in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 3939-3952.	3.6	14
20	Causal Role of Dorsolateral Prefrontal Cortex in Human Perceptual Decision Making. <i>Current Biology</i> , 2011, 21, 980-983.	3.9	157
21	Linking Neuronal Variability to Perceptual Decision Making via Neuroimaging. , 2011, , 214-232.		5
22	A mechanistic account of value computation in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9430-9435.	7.1	120
23	Temporal dynamics of prediction error processing during reward-based decision making. <i>NeuroImage</i> , 2010, 53, 221-232.	4.2	105
24	Spatiotemporal characteristics of perceptual decision making in the human brain. , 2009, , 185-212.		11
25	Quality of evidence for perceptual decision making is indexed by trial-to-trial variability of the EEG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6539-6544.	7.1	254
26	Single-Trial Analysis of Neuroimaging Data: Inferring Neural Networks Underlying Perceptual Decision-Making in the Human Brain. <i>IEEE Reviews in Biomedical Engineering</i> , 2009, 2, 97-109.	18.0	37
27	Single-trial discrimination for integrating simultaneous EEG and fMRI: Identifying cortical areas contributing to trial-to-trial variability in the auditory oddball task. <i>NeuroImage</i> , 2009, 47, 136-147.	4.2	92
28	Spatiotemporal Linear Decoding of Brain State. <i>IEEE Signal Processing Magazine</i> , 2008, 25, 107-115.	5.6	111
29	A System for Single-trial Analysis of Simultaneously Acquired EEG and fMRI. , 2007, , .		6
30	EEG-Informed fMRI Reveals Spatiotemporal Characteristics of Perceptual Decision Making. <i>Journal of Neuroscience</i> , 2007, 27, 13082-13091.	3.6	174
31	Causal Influences in the Human Brain During Face Discrimination: A Short-Window Directed Transfer Function Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 2602-2605.	4.2	21
32	Temporal Characterization of the Neural Correlates of Perceptual Decision Making in the Human Brain. <i>Cerebral Cortex</i> , 2006, 16, 509-518.	2.9	317
33	Neural Representation of Task Difficulty and Decision Making during Perceptual Categorization: A Timing Diagram. <i>Journal of Neuroscience</i> , 2006, 26, 8965-8975.	3.6	345
34	Causal Influences in the Human Brain During Face Discrimination: A Short-Window Directed Transfer Function Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, , 1-1.	4.2	0
35	Microstimulation of the superior colliculus focuses attention without moving the eyes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 524-529.	7.1	341