

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	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
2	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
3	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
4	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
5	EEG-Informed fMRI Reveals Spatiotemporal Characteristics of Perceptual Decision Making. <i>Journal of Neuroscience</i> , 2007, 27, 13082-13091.	3.6	174
6	Causal Role of Dorsolateral Prefrontal Cortex in Human Perceptual Decision Making. <i>Current Biology</i> , 2011, 21, 980-983.	3.9	157
7	Neural correlates of evidence accumulation during value-based decisions revealed via simultaneous EEG-fMRI. <i>Nature Communications</i> , 2017, 8, 15808.	12.8	133
8	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
9	Neural representations of confidence emerge from the process of decision formation during perceptual choices. <i>NeuroImage</i> , 2015, 106, 134-143.	4.2	119
10	Separate neural representations of prediction error valence and surprise: Evidence from an fMRI meta-analysis. <i>Human Brain Mapping</i> , 2018, 39, 2887-2906.	3.6	113
11	Spatiotemporal Linear Decoding of Brain State. <i>IEEE Signal Processing Magazine</i> , 2008, 25, 107-115.	5.6	111
12	Human Scalp Potentials Reflect a Mixture of Decision-Related Signals during Perceptual Choices. <i>Journal of Neuroscience</i> , 2014, 34, 16877-16889.	3.6	106
13	Temporal dynamics of prediction error processing during reward-based decision making. <i>NeuroImage</i> , 2010, 53, 221-232.	4.2	105
14	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
15	How Embodied Is Perceptual Decision Making? Evidence for Separate Processing of Perceptual and Motor Decisions. <i>Journal of Neuroscience</i> , 2013, 33, 2121-2136.	3.6	90
16	The Confidence Database. <i>Nature Human Behaviour</i> , 2020, 4, 317-325.	12.0	84
17	Human VMPFC encodes early signatures of confidence in perceptual decisions. <i>ELife</i> , 2018, 7, .	6.0	65
18	Two spatiotemporally distinct value systems shape reward-based learning in the human brain. <i>Nature Communications</i> , 2015, 6, 8107.	12.8	55

#	ARTICLE	IF	CITATIONS
19	Influence of Branding on Preference-Based Decision Making. <i>Psychological Science</i> , 2013, 24, 1208-1215.	3.3	50
20	Prestimulus alpha power predicts fidelity of sensory encoding in perceptual decision making. <i>NeuroImage</i> , 2014, 87, 242-251.	4.2	50
21	Spatiotemporal neural characterization of prediction error valence and surprise during reward learning in humans. <i>Scientific Reports</i> , 2017, 7, 4762.	3.3	41
22	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
23	Sounds facilitate visual motion discrimination via the enhancement of late occipital visual representations. <i>NeuroImage</i> , 2017, 148, 31-41.	4.2	36
24	Perceptual learning alters post-sensory processing in human decision-making. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	29
25	Neural correlates of weighted reward prediction error during reinforcement learning classify response to cognitive behavioral therapy in depression. <i>Science Advances</i> , 2019, 5, eaav4962.	10.3	25
26	Auditory information enhances post-sensory visual evidence during rapid multisensory decision-making. <i>Nature Communications</i> , 2020, 11, 5440.	12.8	22
27	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
28	Space-by-time decomposition for single-trial decoding of M/EEG activity. <i>NeuroImage</i> , 2016, 133, 504-515.	4.2	18
29	Inferring Macroscale Brain Dynamics via Fusion of Simultaneous EEG-fMRI. <i>Annual Review of Neuroscience</i> , 2021, 44, 315-334.	10.7	17
30	Dorsal Anterior Cingulate Cortices Differentially Lateralize Prediction Errors and Outcome Valence in a Decision-Making Task. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 203.	2.0	16
31	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
32	Spatiotemporal characteristics of perceptual decision making in the human brain. , 2009, , 185-212.		11
33	A System for Single-trial Analysis of Simultaneously Acquired EEG and fMRI. , 2007, , .		6
34	Linking Neuronal Variability to Perceptual Decision Making via Neuroimaging. , 2011, , 214-232.		5
35	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