

Peter R Murphy

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,431
citations

516215

16
h-index

642321

23
g-index

29
all docs

29
docs citations

29
times ranked

2549
citing authors

#	ARTICLE	IF	CITATIONS
1	Pupil diameter covaries with BOLD activity in human locus coeruleus. <i>Human Brain Mapping</i> , 2014, 35, 4140-4154.	1.9	625
2	Pupillometry and P3 index the locus coeruleusâ€™noradrenergic arousal function in humans. <i>Psychophysiology</i> , 2011, 48, 1532-1543.	1.2	373
3	The classic P300 encodes a buildâ€™toâ€™threshold decision variable. <i>European Journal of Neuroscience</i> , 2015, 42, 1636-1643.	1.2	301
4	Global gain modulation generates time-dependent urgency during perceptual choice in humans. <i>Nature Communications</i> , 2016, 7, 13526.	5.8	143
5	Neural evidence accumulation persists after choice to inform metacognitive judgments. <i>ELife</i> , 2015, 4, .	2.8	129
6	Pupil Diameter Tracks Lapses of Attention. <i>PLoS ONE</i> , 2016, 11, e0165274.	1.1	128
7	Pupil-Linked Arousal Determines Variability in Perceptual Decision Making. <i>PLoS Computational Biology</i> , 2014, 10, e1003854.	1.5	122
8	Catecholaminergic Neuromodulation Shapes Intrinsic MRI Functional Connectivity in the Human Brain. <i>Journal of Neuroscience</i> , 2016, 36, 7865-7876.	1.7	75
9	Catecholaminergic Regulation of Learning Rate in a Dynamic Environment. <i>PLoS Computational Biology</i> , 2016, 12, e1005171.	1.5	74
10	An electrophysiological signal that precisely tracks the emergence of error awareness. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 65.	1.0	68
11	A Postdecisional Neural Marker of Confidence Predicts Information-Seeking in Decision-Making. <i>Journal of Neuroscience</i> , 2019, 39, 3309-3319.	1.7	61
12	Coupling of respiration and attention via the locus coeruleus: Effects of meditation and pranayama. <i>Psychophysiology</i> , 2018, 55, e13091.	1.2	58
13	The Pupillary Orienting Response Predicts Adaptive Behavioral Adjustment after Errors. <i>PLoS ONE</i> , 2016, 11, e0151763.	1.1	45
14	Adaptive circuit dynamics across human cortex during evidence accumulation in changing environments. <i>Nature Neuroscience</i> , 2021, 24, 987-997.	7.1	43
15	Large-scale dynamics of perceptual decision information across human cortex. <i>Nature Communications</i> , 2020, 11, 5109.	5.8	35
16	Understanding neural signals of post-decisional performance monitoring: An integrative review. <i>ELife</i> , 2021, 10, .	2.8	35
17	Noradrenergic and Cholinergic Modulation of Belief Updating. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1803-1820.	1.1	28
18	The accessory stimulus effect is mediated by phasic arousal: A pupillometry study. <i>Psychophysiology</i> , 2016, 53, 1108-1113.	1.2	19

#	ARTICLE	IF	CITATIONS
19	Parsing the neural signatures of reduced error detection in older age. <i>NeuroImage</i> , 2017, 161, 43-55.	2.1	19
20	Pupillometric investigation into the speed-accuracy tradeoff in a visuo-motor aiming task. <i>Psychophysiology</i> , 2020, 57, e13499.	1.2	13
21	Temporal Expectation Hastens Decision Onset But Does Not Affect Evidence Quality. <i>Journal of Neuroscience</i> , 2021, 41, 130-143.	1.7	13
22	U-turns in the brain. <i>Nature Neuroscience</i> , 2018, 21, 461-462.	7.1	2
23	Prediction of attentional focus from respiration with simple feed-forward and time delay neural networks. <i>Neural Computing and Applications</i> , 2020, 32, 14875-14884.	3.2	2
24	The Effects of Neural Gain on Reactive Cognitive Control. <i>Computational Brain & Behavior</i> , 0, , .	0.9	0