

# Joydeep Bhattacharya

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

884  
citations

623734

14  
h-index

501196

28  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1174  
citing authors

#	ARTICLE	IF	CITATIONS
1	ASMR amplifies low frequency and reduces high frequency oscillations. <i>Cortex</i> , 2022, 149, 85-100.	2.4	6
2	Flow in contemporary musicians: Individual differences in flow proneness, anxiety, and emotional intelligence. <i>PLoS ONE</i> , 2022, 17, e0265936.	2.5	4
3	What Does it Take to Flow? Investigating Links Between Grit, Growth Mindset, and Flow in Musicians. <i>Music &amp; Science</i> , 2021, 4, 205920432198952.	1.0	3
4	Multivariate patterns and long-range temporal correlations of alpha oscillations are associated with flexible manipulation of visual working memory representations. <i>European Journal of Neuroscience</i> , 2021, 54, 7260-7273.	2.6	1
5	Switch or stay? Automatic classification of internal mental states in bistable perception. <i>Cognitive Neurodynamics</i> , 2020, 14, 95-113.	4.0	9
6	From learning to creativity: Identifying the behavioural and neural correlates of learning to predict human judgements of musical creativity. <i>NeuroImage</i> , 2020, 206, 116311.	4.2	16
7	Causally linking neural dominance to perceptual dominance in a multisensory conflict. <i>NeuroReport</i> , 2020, 31, 991-998.	1.2	6
8	Investigating Age-Related Neural Compensation During Emotion Perception Using Electroencephalography. <i>Brain Sciences</i> , 2020, 10, 61.	2.3	5
9	Brain-Derived Neurotrophic Factor Val66Met Polymorphism Is Associated With a Reduced ERP Component Indexing Emotional Recollection. <i>Frontiers in Psychology</i> , 2019, 10, 1922.	2.1	5
10	The influence of motor preparation on the processing of action-relevant visual features. <i>Scientific Reports</i> , 2019, 9, 11084.	3.3	4
11	Neural entrainment is associated with subjective groove and complexity for performed but not mechanical musical rhythms. <i>Experimental Brain Research</i> , 2019, 237, 1981-1991.	1.5	17
12	Cardiac afferent activity modulates early neural signature of error detection during skilled performance. <i>NeuroImage</i> , 2019, 199, 704-717.	4.2	8
13	Modulations in resting state networks of subcortical structures linked to creativity. <i>NeuroImage</i> , 2019, 195, 311-319.	4.2	20
14	A machine learning approach to predict perceptual decisions: an insight into face pareidolia. <i>Brain Informatics</i> , 2019, 6, 2.	3.0	14
15	Spontaneous Visual Imagery During Meditation for Creating Visual Art: An EEG and Brain Stimulation Case Study. <i>Frontiers in Psychology</i> , 2019, 10, 210.	2.1	14
16	Anodal transcranial direct current stimulation (tDCS) boosts dominant brain oscillations. <i>Brain Stimulation</i> , 2018, 11, 660-662.	1.6	7
17	Ultra-high field fMRI insights on insight: Neural correlates of the Aha! moment. <i>Human Brain Mapping</i> , 2018, 39, 3241-3252.	3.6	98
18	Right temporal alpha oscillations as a neural mechanism for inhibiting obvious associations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12144-E12152.	7.1	71

#	ARTICLE	IF	CITATIONS
19	Not Cure But Heal: Music and Medicine. <i>Advances in Neurobiology</i> , 2018, 21, 283-307.	1.8	1
20	That note sounds wrong! Age-related effects in processing of musical expectation. <i>Brain and Cognition</i> , 2017, 113, 1-9.	1.8	11
21	Cognitive Neuroscience: Synchronizing Brains in the Classroom. <i>Current Biology</i> , 2017, 27, R346-R348.	3.9	16
22	Relaxing learned constraints through cathodal tDCS on the left dorsolateral prefrontal cortex. <i>Scientific Reports</i> , 2017, 7, 2916.	3.3	30
23	A Machine Learning Approach to Decode Mental States in Bistable Perception. , 2017, , .		2
24	The Role of Intuition in the Generation and Evaluation Stages of Creativity. <i>Frontiers in Psychology</i> , 2016, 7, 1420.	2.1	28
25	Musical training shapes neural responses to melodic and prosodic expectation. <i>Brain Research</i> , 2016, 1650, 267-282.	2.2	24
26	Navigating abstract virtual environment: an eeg study. <i>Cognitive Neurodynamics</i> , 2016, 10, 471-480.	4.0	4
27	The Proto-Fuse project: methods to boost creativity for architects. <i>International Journal of Design Creativity and Innovation</i> , 2016, 4, 206-221.	1.2	4
28	Modulation of EEG Theta Band Signal Complexity by Music Therapy. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650001.	1.7	9
29	Music for a Brighter World: Brightness Judgment Bias by Musical Emotion. <i>PLoS ONE</i> , 2016, 11, e0148959.	2.5	16
30	Aroused with heart: Modulation of heartbeat evoked potential by arousal induction and its oscillatory correlates. <i>Scientific Reports</i> , 2015, 5, 15717.	3.3	86
31	Electrical Brain Responses to an Auditory Illusion and the Impact of Musical Expertise. <i>PLoS ONE</i> , 2015, 10, e0129486.	2.5	24
32	Mind the gap: an attempt to bridge computational and neuroscientific approaches to study creativity. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 540.	2.0	36
33	Best of both worlds: promise of combining brain stimulation and brain connectome. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 132.	2.5	61
34	A role for the precuneus in thought-action fusion: Evidence from participants with significant obsessive-compulsive symptoms. <i>NeuroImage: Clinical</i> , 2014, 4, 112-121.	2.7	31
35	An index of signal mode complexity based on orthogonal transformation. <i>Journal of Computational Neuroscience</i> , 2010, 29, 13-22.	1.0	3
36	Minimising prediction error for optimal nonlinear modelling of EEG signals using genetic algorithm. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
37	Increase of Universality in Human Brain during Mental Imagery from Visual Perception. PLoS ONE, 2009, 4, e4121.	2.5	22
38	Deconstructing Insight: EEG Correlates of Insightful Problem Solving. PLoS ONE, 2008, 3, e1459.	2.5	165