

# John R Iversen

## List of Publications by Year in descending order

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47  
papers

2,742  
citations

331670

21  
h-index

302126

39  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1970  
citing authors

#	ARTICLE	IF	CITATIONS
1	How Do You Feel the Rhythm: Dynamic Motor-Auditory Interactions Are Involved in the Imagination of Hierarchical Timing. <i>Journal of Neuroscience</i> , 2022, 42, 500-512.	3.6	9
2	Microstructural development from 9 to 14 years: Evidence from the ABCD Study. <i>Developmental Cognitive Neuroscience</i> , 2022, 53, 101044.	4.0	28
3	Cortical mu rhythms during action and passive music listening. <i>Journal of Neurophysiology</i> , 2022, 127, 213-224.	1.8	10
4	It Takes Two: Interpersonal Neural Synchrony Is Increased after Musical Interaction. <i>Brain Sciences</i> , 2022, 12, 409.	2.3	8
5	Bayesian models of human navigation behaviour in an augmented reality audiomaze. <i>European Journal of Neuroscience</i> , 2021, 54, 8308-8317.	2.6	5
6	The <i>AudioMaze</i>: An EEG and motion capture study of human spatial navigation in sparse augmented reality. <i>European Journal of Neuroscience</i> , 2021, 54, 8283-8307.	2.6	19
7	Mental health and music engagement: review, framework, and guidelines for future studies. <i>Translational Psychiatry</i> , 2021, 11, 370.	4.8	23
8	Cross-Cultural Work in Music Cognition. <i>Music Perception</i> , 2020, 37, 185-195.	1.1	61
9	One Tap at a Time: Correlating Sensorimotor Synchronization with Brain Signatures of Temporal Processing. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa036.	1.6	2
10	Spontaneity and diversity of movement to music are not uniquely human. <i>Current Biology</i> , 2019, 29, R621-R622.	3.9	19
11	A pBCI to Predict Attentional Error Before it Happens in Real Flight Conditions. , 2019, , .		16
12	Music Improvisation Is Characterized by Increase EEG Spectral Power in Prefrontal and Perceptual Motor Cortical Sources and Can be Reliably Classified From Non-improvisatory Performance. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 435.	2.0	23
13	MEG/EEG Data Analysis Using EEGLAB. , 2019, , 1-16.		0
14	MEG/EEG Data Analysis Using EEGLAB. , 2019, , 391-406.		9
15	The Role of Posterior Parietal Cortex in Beat-based Timing Perception: A Continuous Theta Burst Stimulation Study. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 634-643.	2.3	40
16	Decoding music-induced experienced emotions using functional magnetic resonance imaging - Preliminary results. , 2018, , .		3
17	The Invisible Maze Task (IMT): Interactive Exploration of Sparse Virtual Environments to Investigate Action-Driven Formation of Spatial Representations. <i>Lecture Notes in Computer Science</i> , 2018, , 293-310.	1.3	15
18	EEG-Based Quantification of Cortical Current Density and Dynamic Causal Connectivity Generalized across Subjects Performing BCI-Monitored Cognitive Tasks. <i>Frontiers in Neuroscience</i> , 2017, 11, 180.	2.8	16

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19	EEG channel interpolation using ellipsoid geodesic length. , 2016, , .		17
20	In the beginning was the beat. , 2016, , 281-295.		22
21	Synchronization and temporal processing. Current Opinion in Behavioral Sciences, 2016, 8, 175-180.	3.9	51
22	Motor simulation theories of musical beat perception. Neurocase, 2016, 22, 558-565.	0.6	46
23	EEG based inference of causal cortical network dynamics in reward-based decision making. , 2015, , .		0
24	MindMusic: Playful and Social Installations at the Interface Between Music and the Brain. Gaming Media and Social Effects, 2015, , 197-229.	0.7	16
25	Synchronization to auditory and visual rhythms in hearing and deaf individuals. Cognition, 2015, 134, 232-244.	2.2	119
26	Causal analysis of cortical networks involved in reaching to spatial targets. , 2014, 2014, 4399-402.		9
27	Novel Inversions in Auditory Sequences Provide Evidence for Spontaneous Subtraction of Time and Number. Timing and Time Perception, 2014, 2, 188-209.	0.6	15
28	The evolutionary neuroscience of musical beat perception: the Action Simulation for Auditory Prediction (ASAP) hypothesis. Frontiers in Systems Neuroscience, 2014, 8, 57.	2.5	307
29	Closed-Loop Brainâ€“Machineâ€“Body Interfaces for Noninvasive Rehabilitation of Movement Disorders. Annals of Biomedical Engineering, 2014, 42, 1573-1593.	2.5	47
30	MEG/EEG Data Analysis Using EEGLAB. , 2014, , 199-212.		12
31	Synchronization with competing visual and auditory rhythms: bouncing ball meets metronome. Psychological Research, 2013, 77, 388-398.	1.7	88
32	A method for testing synchronization to a musical beat in domestic horses (Equus ferus caballus). Empirical Musicology Review, 2013, 7, 144-156.	0.2	15
33	The development of perceptual grouping biases in infancy: A Japanese-English cross-linguistic study. Cognition, 2010, 115, 356-361.	2.2	107
34	Avian and human movement to music: Two further parallels. Communicative and Integrative Biology, 2009, 2, 485-488.	1.4	7
35	Experimental Evidence for Synchronization to a Musical Beat in a Nonhuman Animal. Current Biology, 2009, 19, 827-830.	3.9	413
36	Experimental Evidence for Synchronization to a Musical Beat in a Nonhuman Animal. Current Biology, 2009, 19, 880.	3.9	23

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37	Top-Down Control of Rhythm Perception Modulates Early Auditory Responses. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 58-73.	3.8	241
38	Studying Synchronization to a Musical Beat in Nonhuman Animals. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 459-469.	3.8	77
39	Musical syntactic processing in agrammatic Broca's aphasia. <i>Aphasiology</i> , 2008, 22, 776-789.	2.2	75
40	Tracking an Imposed Beat within a Metrical Grid. <i>Music Perception</i> , 2008, 26, 1-18.	1.1	34
41	Perception of rhythmic grouping depends on auditory experience. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 2263-2271.	1.1	143
42	Review of "Perception and production of linguistic and musical rhythm by Korean and English middle school students" by Lydia N. Slobodian. <i>Empirical Musicology Review</i> , 2008, 3, 208-214.	0.2	0
43	The linguistic benefits of musical abilities. <i>Trends in Cognitive Sciences</i> , 2007, 11, 369-372.	7.8	103
44	Single-trial discrimination of truthful from deceptive responses during a game of financial risk using alpha-band MEG signals. <i>NeuroImage</i> , 2006, 32, 465-476.	4.2	21
45	Comparing the rhythm and melody of speech and music: The case of British English and French. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 3034-3047.	1.1	122
46	The influence of metricality and modality on synchronization with a beat. <i>Experimental Brain Research</i> , 2005, 163, 226-238.	1.5	248
47	Running on an Incline. <i>Journal of Biomechanical Engineering</i> , 1992, 114, 435-441.	1.3	37