BenoÃ®t G Bardy

List of Publications by Year in descending order

28 papers	941 citations	567281 15 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	751 citing authors

#	Article	IF	Citations
1	Human Movement Datasets: An Interdisciplinary Scoping Review. ACM Computing Surveys, 2023, 55, 1-29.	23.0	7
2	Extracting Walking Trajectories at Home From a Capacitive Proximity Sensing Floor. IEEE Sensors Journal, 2022, 22, 3695-3703.	4.7	3
3	Decoding identity from motion: how motor similarities colour our perception of self and others. Psychological Research, 2021, 85, 509-519.	1.7	8
4	Toward an Emotional Individual Motor Signature. Frontiers in Psychology, 2021, 12, 647704.	2.1	2
5	Bridging the gap between emotion and joint action. Neuroscience and Biobehavioral Reviews, 2021, 131, 806-833.	6.1	14
6	Spontaneous emergence of leadership patterns drives synchronization in complex human networks. Scientific Reports, 2021, 11, 18379.	3.3	11
7	Modeling Frequency Reduction in Human Groups Performing a Joint Oscillatory Task. Frontiers in Psychology, 2021, 12, 753758.	2.1	3
8	Accent-induced stabilization of spontaneous auditoryâ€“motor synchronization. Psychological Research, 2020, 84, 2196-2209.	1.7	9
9	Influence of perceived emotion and gender on social motor coordination. British Journal of Psychology, 2020, 111, 536-555.	2.3	4
10	Why do we move to the beat? A multi-scale approach, from physical principles to brain dynamics. Neuroscience and Biobehavioral Reviews, 2020, 112, 553-584.	6.1	63
11	Accent-induced Modulation of Neural and Movement Patterns during Spontaneous Synchronization to Auditory Rhythms. Journal of Cognitive Neuroscience, 2020, 32, 2260-2271.	2.3	6
12	Moving in unison after perceptual interruption. Scientific Reports, 2020, 10, 18032.	3.3	15
13	Preferred frequency ratios for spontaneous auditory-motor synchronization: Dynamical stability and hysteresis. Acta Psychologica, 2019, 196, 33-41.	1.5	11
14	Towards an Embodied Signature of Improvisation Skills. Frontiers in Psychology, 2019, 10, 2441.	2.1	4
15	Using mimicry of body movements by a virtual agent to increase synchronization behavior and rapport in individuals with schizophrenia. Scientific Reports, 2018, 8, 17356.	3.3	18
16	Individualization of musicâ€based rhythmic auditory cueing in Parkinson's disease. Annals of the New York Academy of Sciences, 2018, 1423, 308-317.	3.8	51
17	Standing or swaying to the beat: Discrete auditory rhythms entrain stance and promote postural coordination stability. Gait and Posture, 2018, 59, 28-34.	1.4	27
18	Unravelling socio-motor biomarkers in schizophrenia. NPJ Schizophrenia, 2017, 3, 8.	3.6	32

#	Article	IF	Citations
19	Interaction patterns and individual dynamics shape the way we move in synchrony. Scientific Reports, 2017, 7, 6846.	3.3	44
20	Influence of facial feedback during a cooperative human-robot task in schizophrenia. Scientific Reports, 2017, 7, 15023.	3.3	17
21	Entrainment and synchronization in networks of Rayleighâ€“van der Pol oscillators with diffusive and Hakenâ€“Kelsoâ€“Bunz couplings. Biological Cybernetics, 2016, 110, 151-169.	1.3	22
22	Dynamic similarity promotes interpersonal coordination in joint action. Journal of the Royal Society Interface, 2016, 13, 20151093.	3.4	76
23	Moving attractive virtual agent improves interpersonal coordination stability. Human Movement Science, 2015, 41, 240-254.	1.4	29
24	Soundâ€induced stabilization of breathing and moving. Annals of the New York Academy of Sciences, 2015, 1337, 94-100.	3.8	23
25	Social Motor Coordination in Unaffected Relatives of Schizophrenia Patients: A Potential Intermediate Phenotype. Frontiers in Behavioral Neuroscience, 2013, 7, 137.	2.0	20
26	Impairments of Social Motor Coordination in Schizophrenia. PLoS ONE, 2012, 7, e29772.	2.5	101
27	On specification and the senses. Behavioral and Brain Sciences, 2001, 24, 195-213.	0.7	235
28	Motion parallax is used to control postural sway during walking. Experimental Brain Research, 1996, 111, 271-282.	1.5	85