

Clara E James

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

586
citations

840776

11
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

592
citing authors

#	ARTICLE	IF	CITATIONS
1	Musical training intensity yields opposite effects on grey matter density in cognitive versus sensorimotor networks. <i>Brain Structure and Function</i> , 2014, 219, 353-366.	2.3	128
2	Degree of Musical Expertise Modulates Higher Order Brain Functioning. <i>Cerebral Cortex</i> , 2013, 23, 2213-2224.	2.9	86
3	Early neuronal responses in right limbic structures mediate harmony incongruity processing in musical experts. <i>NeuroImage</i> , 2008, 42, 1597-1608.	4.2	78
4	Neural transition from short- to long-term memory and the medial temporal lobe: A human evoked-potential study. <i>Hippocampus</i> , 2009, 19, 371-378.	1.9	30
5	Tracking Training-Related Plasticity by Combining fMRI and DTI: The Right Hemisphere Ventral Stream Mediates Musical Syntax Processing. <i>Cerebral Cortex</i> , 2018, 28, 1209-1218.	2.9	28
6	Train the brain with music (TBM): brain plasticity and cognitive benefits induced by musical training in elderly people in Germany and Switzerland, a study protocol for an RCT comparing musical instrumental practice to sensitization to music. <i>BMC Geriatrics</i> , 2020, 20, 418.	2.7	28
7	Hippocampal volume predicts fluid intelligence in musically trained people. <i>Hippocampus</i> , 2013, 23, 552-558.	1.9	24
8	Rhythm evokes action: Early processing of metric deviances in expressive music by experts and laymen revealed by ERP source imaging. <i>Human Brain Mapping</i> , 2012, 33, 2751-2767.	3.6	22
9	Formal String Instrument Training in a Class Setting Enhances Cognitive and Sensorimotor Development of Primary School Children. <i>Frontiers in Neuroscience</i> , 2020, 14, 567.	2.8	22
10	Improved Speech in Noise Perception in the Elderly After 6 Months of Musical Instruction. <i>Frontiers in Neuroscience</i> , 2021, 15, 696240.	2.8	16
11	Electrophysiological evidence for a specific neural correlate of musical violation expectation in primary-school children. <i>NeuroImage</i> , 2015, 104, 386-397.	4.2	15
12	Impact of major and minor mode on EEG frequency range activities of music processing as a function of expertise. <i>Neuroscience Letters</i> , 2017, 647, 159-164.	2.1	13
13	Evidence of cortical thickness increases in bilateral auditory brain structures following piano learning in older adults. <i>Annals of the New York Academy of Sciences</i> , 2022, 1513, 21-30.	3.8	12
14	Six Months of Piano Training in Healthy Elderly Stabilizes White Matter Microstructure in the Fornix, Compared to an Active Control Group. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 817889.	3.4	12
15	Electrical Neuroimaging of Music Processing Reveals Mid-Latency Changes with Level of Musical Expertise. <i>Frontiers in Neuroscience</i> , 2017, 11, 613.	2.8	11
16	Music and Language Processing Share Behavioral and Cerebral Features. <i>Frontiers in Psychology</i> , 2012, 3, 52.	2.1	8
17	The impact of music interventions on motor rehabilitation following stroke in elderly. , 2020, , 407-432.		8
18	Principles of parsimony: fMRI correlates of beat-based versus duration-based sensorimotor synchronization.. <i>Psychomusicology: Music, Mind and Brain</i> , 2015, 25, 380-391.	0.3	8

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19	Electrophysiological correlates of deficient encoding in a case of post-anoxic amnesia. <i>Neuropsychologia</i> , 2007, 45, 1757-1766.	1.6	7
20	Stability-dependent behavioural and electro-cortical reorganizations during intentional switching between bimanual tapping modes. <i>Neuroscience Letters</i> , 2010, 483, 118-122.	2.1	7
21	Steady-state evoked potentials distinguish brain mechanisms of self-paced versus synchronization finger tapping. <i>Human Movement Science</i> , 2018, 61, 151-166.	1.4	6
22	Electrical Neuroimaging of Music Processing in Pianists With and Without True Absolute Pitch. <i>Frontiers in Neuroscience</i> , 2019, 13, 142.	2.8	6
23	How Musicality, Cognition and Sensorimotor Skills Relate in Musically Untrained Children. <i>Swiss Journal of Psychology</i> , 2020, 79, 101-112.	0.9	5
24	Appraisal of Musical Syntax Violations by Primary School Children. <i>Swiss Journal of Psychology</i> , 2012, 71, 161-168.	0.9	2