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List of Publications by Year
in descending order

56 papers	4,041 citations	201674 27 h-index	168389 53 g-index
60 all docs	60 docs citations	60 times ranked	3027 citing authors

#	Article	IF	Citations
1	Spontaneous mental replay of music improves memory for incidentally associated event knowledge.. Journal of Experimental Psychology: General, 2022, 151, 1-24.	2.1	8
2	Do you chill when I chill? A cross-cultural study of strong emotional responses to music.. Psychology of Aesthetics, Creativity, and the Arts, 2022, 16, 74-96.	1.3	3
3	Serotonin 2A Receptor Signaling Underlies LSD-induced Alteration of the Neural Response to Dynamic Changes in Music. Cerebral Cortex, 2018, 28, 3939-3950.	2.9	34
4	Psychological and Musical Factors Underlying Engagement with Unfamiliar Music. Music Perception, 2018, 36, 175-200.	1.1	12
5	Listening for memories: Attentional focus dissociates functional brain networks engaged by memory-evoking music.. Psychomusicology: Music, Mind and Brain, 2018, 28, 82-100.	0.3	6
6	Mapping the dynamic allocation of temporal attention in musical patterns.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 1694-1711.	0.9	8
7	A linear oscillator model predicts dynamic temporal attention and pupillary entrainment to rhythmic patterns. Journal of Eye Movement Research, 2018, 11, .	0.8	16
8	Audio Features Underlying Perceived Groove and Sensorimotor Synchronization in Music. Music Perception, 2016, 33, 571-589.	1.1	80
9	Neural responses to nostalgia-evoking music modeled by elements of dynamic musical structure and individual differences in affective traits. Neuropsychologia, 2016, 91, 234-246.	1.6	39
10	Neural basis of music perception. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 129, 187-205.	1.8	22
11	Melody recognition revisited: influence of melodic Gestalt on the encoding of relational pitch information. Psychonomic Bulletin and Review, 2015, 22, 163-169.	2.8	5
12	A combined model of sensory and cognitive representations underlying tonal expectations in music: From audio signals to behavior.. Psychological Review, 2014, 121, 33-65.	3.8	64
13	Spontaneous sensorimotor coupling with multipart music.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1679-1696.	0.9	28
14	Leading the follower: An fMRI investigation of dynamic cooperativity and leaderâ€“follower strategies in synchronization with an adaptive virtual partner. NeuroImage, 2014, 84, 688-697.	4.2	89
15	A brief form of the Affective Neuroscience Personality Scales.. Psychological Assessment, 2013, 25, 826-843.	1.5	33
16	A Novel Sonification Strategy for Auditory Display of Heart Rate and Oxygen Saturation Changes in Clinical Settings. Human Factors, 2013, 55, 356-372.	3.5	21
17	Being and Feeling in Sync with an Adaptive Virtual Partner: Brain Mechanisms Underlying Dynamic Cooperativity. Cerebral Cortex, 2013, 23, 2592-2600.	2.9	107
18	Keeping timbre in mind: Working memory for complex sounds that can't be verbalized.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 399-412.	0.9	28

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19	Cognitive Neuroscience of Music. , 2013, , .		0
20	Sensorimotor coupling in music and the psychology of the groove.. Journal of Experimental Psychology: General, 2012, 141, 54-75.	2.1	335
21	Acuity of mental representations of pitch. Annals of the New York Academy of Sciences, 2012, 1252, 214-221.	3.8	13
22	Investigation of melodic contour processing in the brain using multivariate pattern-based fMRI. NeuroImage, 2011, 57, 293-300.	4.2	94
23	Music Recognition in Frontotemporal Lobar Degeneration and Alzheimer Disease. Cognitive and Behavioral Neurology, 2011, 24, 74-84.	0.9	65
24	Electrophysiological correlates of accurate mental image formation in auditory perception and imagery tasks. Brain Research, 2010, 1342, 39-54.	2.2	27
25	Influences of multiple memory systems on auditory mental image acuity. Journal of the Acoustical Society of America, 2010, 127, 3189-3202.	1.1	11
26	Music-evoked nostalgia: Affect, memory, and personality.. Emotion, 2010, 10, 390-403.	1.8	331
27	The Neural Architecture of Music-Evoked Autobiographical Memories. Cerebral Cortex, 2009, 19, 2579-2594.	2.9	253
28	Music and the self. , 2009, , 131-141.		8
29	Beyond the beat: Modeling metric structure in music and performance. Journal of the Acoustical Society of America, 2008, 124, 4024-4041.	1.1	29
30	Tonal centers and expectancy: Facilitation or inhibition of chords at the top of the harmonic hierarchy?. Journal of Experimental Psychology: Human Perception and Performance, 2008, 34, 1031-1043.	0.9	41
31	Characterisation of music-evoked autobiographical memories. Memory, 2007, 15, 845-860.	1.7	246
32	The highs and lows of being tone deaf. Nature Neuroscience, 2007, 10, 810-812.	14.8	2
33	Ensemble: A Web-based system for psychology survey and experiment management. Behavior Research Methods, 2007, 39, 635-650.	4.0	17
34	Acuity of auditory images in pitch and time. Perception & Psychophysics, 2006, 68, 829-844.	2.3	74
35	Brain Networks That Track Musical Structure. Annals of the New York Academy of Sciences, 2005, 1060, 111-124.	3.8	40
36	Visual imagery and memory: Do retrieval strategies affect what the mind's eye sees?. European Journal of Cognitive Psychology, 2004, 16, 631-652.	1.3	20

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37	When music tells a story. Nature Neuroscience, 2004, 7, 203-204.	14.8	5
38	Neural correlates of humor detection and appreciation. NeuroImage, 2004, 21, 1055-1060.	4.2	178
39	Activation of the Inferior Frontal Cortex in Musical Priming. Annals of the New York Academy of Sciences, 2003, 999, 209-211.	3.8	27
40	Activation of the inferior frontal cortex in musical priming. Cognitive Brain Research, 2003, 16, 145-161.	3.0	236
41	Swinging in the brain: shared neural substrates for behaviors related to sequencing and music. Nature Neuroscience, 2003, 6, 682-687.	14.8	257
42	Online Detection of Tonal Pop-Out in Modulating Contexts. Music Perception, 2003, 20, 283-305.	1.1	11
43	The costs and benefits of tonal centers for chord processing.. Journal of Experimental Psychology: Human Perception and Performance, 2003, 29, 470-482.	0.9	43
44	The Cortical Topography of Tonal Structures Underlying Western Music. Science, 2002, 298, 2167-2170.	12.6	320
45	A Comparison of Neural Circuits Underlying Auditory and Visual Object Categorization. NeuroImage, 2002, 16, 361-377.	4.2	98
46	Listening to polyphonic music recruits domain-general attention and working memory circuits. Cognitive, Affective and Behavioral Neuroscience, 2002, 2, 121-140.	2.0	197
47	Chemical Plume Tracking. 2. Multiple-Frequency Modulation. Analytical Chemistry, 2001, 73, 3669-3673.	6.5	6
48	Brain electrical activity evoked by mental formation of auditory expectations and images. , 2001, 13, 169-193.		74
49	Quantitative assessment of vocal development in the zebra finch using self-organizing neural networks. Journal of the Acoustical Society of America, 2001, 110, 2593-2603.	1.1	10
50	Gradual Emergence of Song Selectivity in Sensorimotor Structures of the Male Zebra Finch Song System. Journal of Neuroscience, 1999, 19, 5108-5118.	3.6	132
51	ERP Measures Assay the Degree of Expectancy Violation of Harmonic Contexts in Music. Journal of Cognitive Neuroscience, 1995, 7, 153-164.	2.3	154
52	Spectral Analysis of the EEG as a Tool for Evaluating Expectancy Violations of Musical Contexts. Music Perception, 1993, 10, 281-304.	1.1	15
53	Electrochemical encapsulation for sensors. Sensors and Actuators, 1989, 18, 415-425.	1.7	25
54	Response-Time Measures as a Means of Exploring Tonal Hierarchies. Music Perception, 1988, 6, 161-172.	1.1	30

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55	The Groove Enhancement Machine (GEM): A Multi-Person Adaptive Metronome to Manipulate Sensorimotor Synchronization and Subjective Enjoyment. Frontiers in Human Neuroscience, 0, 16, .	2.0	0
56	Urges to Move and Other Motivation States for Physical Activity in Clinical and Healthy Populations: A Scoping Review Protocol. Frontiers in Psychology, 0, 13, .	2.1	9