

Bruno L Giordano

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,946
citations

361413

20
h-index

289244

40
g-index

55
all docs

55
docs citations

55
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial representation of pitch height: the SMARC effect. <i>Cognition</i> , 2006, 99, 113-129.	2.2	415
2	The Timbre Toolbox: Extracting audio descriptors from musical signals. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 2902-2916.	1.1	243
3	A statistical framework for neuroimaging data analysis based on mutual information estimated via a gaussian copula. <i>Human Brain Mapping</i> , 2017, 38, 1541-1573.	3.6	225
4	Material identification of real impact sounds: Effects of size variation in steel, glass, wood, and plexiglass plates. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 1171.	1.1	124
5	Abstract Encoding of Auditory Objects in Cortical Activity Patterns. <i>Cerebral Cortex</i> , 2013, 23, 2025-2037.	2.9	81
6	Contributions of local speech encoding and functional connectivity to audio-visual speech perception. <i>ELife</i> , 2017, 6, .	6.0	71
7	Hearing living symbols and nonliving icons: Category specificities in the cognitive processing of environmental sounds. <i>Brain and Cognition</i> , 2010, 73, 7-19.	1.8	64
8	Sound design and perception in walking interactions. <i>International Journal of Human Computer Studies</i> , 2009, 67, 947-959.	5.6	54
9	A language-familiarity effect for speaker discrimination without comprehension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13795-13798.	7.1	48
10	Vibration Influences Haptic Perception of Surface Compliance During Walking. <i>PLoS ONE</i> , 2011, 6, e17697.	2.5	47
11	Identification of walked-upon materials in auditory, kinesthetic, haptic, and audio-haptic conditions. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 4002-4012.	1.1	41
12	Perceptual evaluation of violins: A quantitative analysis of preference judgments by experienced players. <i>Journal of the Acoustical Society of America</i> , 2012, 132, 4002-4012.	1.1	41
13	Vibrotactile Sensitivity in Active Touch: Effect of Pressing Force. <i>IEEE Transactions on Haptics</i> , 2017, 10, 113-122.	2.7	39
14	When Ears Drive Hands: The Influence of Contact Sound on Reaching to Grasp. <i>PLoS ONE</i> , 2010, 5, e12240.	2.5	39
15	Integration of acoustical information in the perception of impacted sound sources: The role of information accuracy and exploitability. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010, 36, 462-476.	0.9	36
16	Sound Source Mechanics and Musical Timbre Perception: Evidence From Previous Studies. <i>Music Perception</i> , 2010, 28, 155-168.	1.1	35
17	The psychomechanics of simulated sound sources: Material properties of impacted thin plates. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 1401.	1.1	35
18	A Vibrotactile Device for Display of Virtual Ground Materials in Walking. <i>Lecture Notes in Computer Science</i> , 2008, , 420-426.	1.3	28

#	ARTICLE	IF	CITATIONS
19	Functionally homologous representation of vocalizations in the auditory cortex of humans and macaques. <i>Current Biology</i> , 2021, 31, 4839-4844.e4.	3.9	24
20	Singing Numbers in Cognitive Space – A Dual-Task Study of the Link Between Pitch, Space, and Numbers. <i>Topics in Cognitive Science</i> , 2013, 5, 354-366.	1.9	23
21	Perceiving Musical Individuality: Performer Identification is Dependent on Performer Expertise and Expressiveness, but Not on Listener Expertise. <i>Perception</i> , 2011, 40, 1206-1220.	1.2	21
22	Comparison of Methods for Collecting and Modeling Dissimilarity Data: Applications to Complex Sound Stimuli. <i>Multivariate Behavioral Research</i> , 2011, 46, 779-811.	3.1	21
23	The representational dynamics of perceived voice emotions evolve from categories to dimensions. <i>Nature Human Behaviour</i> , 2021, 5, 1203-1213.	12.0	19
24	The Production and Perception of Emotionally Expressive Walking Sounds: Similarities between Musical Performance and Everyday Motor Activity. <i>PLoS ONE</i> , 2014, 9, e115587.	2.5	19
25	Gender differences in the temporal voice areas. <i>Frontiers in Neuroscience</i> , 2014, 8, 228.	2.8	17
26	The Mental Space of Pitch Height. <i>Annals of the New York Academy of Sciences</i> , 2005, 1060, 195-197.	3.8	16
27	Automatic domain-general processing of sound source identity in the left posterior middle frontal gyrus. <i>Cortex</i> , 2014, 58, 170-185.	2.4	15
28	Effect of Task Constraints on the Perceptual Evaluation of Violins. <i>Acta Acustica United With Acustica</i> , 2015, 101, 382-393.	0.8	14
29	The perception of caricatured emotion in voice. <i>Cognition</i> , 2020, 200, 104249.	2.2	11
30	The perception of musical timbre. , 2012, , .		10
31	Group-level inference of information-based measures for the analyses of cognitive brain networks from neurophysiological data. <i>NeuroImage</i> , 2022, 258, 119347.	4.2	10
32	Predicting the timing of dynamic events through sound: Bouncing balls. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 457-466.	1.1	8
33	Perception and Synthesis of Sound-Generating Materials. <i>Springer Series on Touch and Haptic Systems</i> , 2014, , 49-84.	0.3	6
34	The Perception of Musical Timbre. , 2016, , .		3
35	Perception of Vibrotactile Cues in Musical Performance. <i>Springer Series on Touch and Haptic Systems</i> , 2018, , 49-72.	0.3	3
36	The dominance of haptics over audition in controlling wrist velocity during striking movements. <i>Experimental Brain Research</i> , 2016, 234, 1145-1158.	1.5	2

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37	Perceptual evaluation of violins: A comparison of intra-individual agreement in playing vs. listening tasks for the case of richness. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0