

Dana L Strait

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,835
citations

236925

25
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Musical experience shapes top-down auditory mechanisms: Evidence from masking and auditory attention performance. <i>Hearing Research</i> , 2010, 261, 22-29.	2.0	268
2	Musical Experience and the Aging Auditory System: Implications for Cognitive Abilities and Hearing Speech in Noise. <i>PLoS ONE</i> , 2011, 6, e18082.	2.5	223
3	Relationships between behavior, brainstem and cortical encoding of seen and heard speech in musicians and non-musicians. <i>Hearing Research</i> , 2008, 241, 34-42.	2.0	197
4	Beat synchronization predicts neural speech encoding and reading readiness in preschoolers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14559-14564.	7.1	169
5	Musical training during early childhood enhances the neural encoding of speech in noise. <i>Brain and Language</i> , 2012, 123, 191-201.	1.6	166
6	Musical experience and neural efficiency – effects of training on subcortical processing of vocal expressions of emotion. <i>European Journal of Neuroscience</i> , 2009, 29, 661-668.	2.6	159
7	Music Enrichment Programs Improve the Neural Encoding of Speech in At-Risk Children. <i>Journal of Neuroscience</i> , 2014, 34, 11913-11918.	3.6	159
8	Older Adults Benefit from Music Training Early in Life: Biological Evidence for Long-Term Training-Driven Plasticity. <i>Journal of Neuroscience</i> , 2013, 33, 17667-17674.	3.6	151
9	Can You Hear Me Now? Musical Training Shapes Functional Brain Networks for Selective Auditory Attention and Hearing Speech in Noise. <i>Frontiers in Psychology</i> , 2011, 2, 113.	2.1	146
10	Biological impact of auditory expertise across the life span: Musicians as a model of auditory learning. <i>Hearing Research</i> , 2014, 308, 109-121.	2.0	144
11	Music training improves speech-in-noise perception: Longitudinal evidence from a community-based music program. <i>Behavioural Brain Research</i> , 2015, 291, 244-252.	2.2	122
12	Cognitive factors shape brain networks for auditory skills: spotlight on auditory working memory. <i>Annals of the New York Academy of Sciences</i> , 2012, 1252, 100-107.	3.8	105
13	Subcortical processing of speech regularities underlies reading and music aptitude in children. <i>Behavioral and Brain Functions</i> , 2011, 7, 44.	3.3	100
14	Playing Music for a Smarter Ear: Cognitive, Perceptual and Neurobiological Evidence. <i>Music Perception</i> , 2011, 29, 133-146.	1.1	90
15	Musicians' Enhanced Neural Differentiation of Speech Sounds Arises Early in Life: Developmental Evidence from Ages 3 to 30. <i>Cerebral Cortex</i> , 2014, 24, 2512-2521.	2.9	85
16	Art and science: how musical training shapes the brain. <i>Frontiers in Psychology</i> , 2013, 4, 713.	2.1	75
17	Specialization among the specialized: Auditory brainstem function is tuned in to timbre. <i>Cortex</i> , 2012, 48, 360-362.	2.4	74
18	Longitudinal Effects of Group Music Instruction on Literacy Skills in Low-Income Children. <i>PLoS ONE</i> , 2014, 9, e113383.	2.5	60

#	ARTICLE	IF	CITATIONS
19	Biological impact of preschool music classes on processing speech in noise. <i>Developmental Cognitive Neuroscience</i> , 2013, 6, 51-60.	4.0	59
20	Music training relates to the development of neural mechanisms of selective auditory attention. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 94-104.	4.0	54
21	Engagement in community music classes sparks neuroplasticity and language development in children from disadvantaged backgrounds. <i>Frontiers in Psychology</i> , 2014, 5, 1403.	2.1	50
22	Musical Experience Promotes Subcortical Efficiency in Processing Emotional Vocal Sounds. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 209-213.	3.8	39
23	Musical Training Enhances Neural Processing of Binaural Sounds. <i>Journal of Neuroscience</i> , 2013, 33, 16741-16747.	3.6	32
24	Emergence of biological markers of musicianship with school-based music instruction. <i>Annals of the New York Academy of Sciences</i> , 2015, 1337, 163-169.	3.8	30
25	Auditory learning through active engagement with sound: biological impact of community music lessons in at-risk children. <i>Frontiers in Neuroscience</i> , 2014, 8, 351.	2.8	27
26	Developmental changes in resting gamma power from age three to adulthood. <i>Clinical Neurophysiology</i> , 2013, 124, 1040-1042.	1.5	25
27	Cortical response variability as a developmental index of selective auditory attention. <i>Developmental Science</i> , 2014, 17, 175-186.	2.4	13
28	Resting gamma power is linked to reading ability in adolescents. <i>Developmental Science</i> , 2014, 17, 86-93.	2.4	11
29	Editors' introduction to Hearing Research special issue: Music: A window into the hearing brain. <i>Hearing Research</i> , 2014, 308, 1.	2.0	2