Nina Kraus

List of Publications by Year
in descending order

231 papers	20,925 citations	5574 82 h-index	11939 134 g-index
234 all docs	234 docs citations	234 times ranked	6182 citing authors

#	Article	IF	Citations
1	Nonverbal cognitive assessment of children in Tanzania with and without HIV. Child Neuropsychology, 2022, 28, 107-119.	1.3	6
2	Multiple Cases of Auditory Neuropathy Illuminate the Importance of Subcortical Neural Synchrony for Speech-in-noise Recognition and the Frequency-following Response. Ear and Hearing, 2022, 43, 605-619.	2.1	3
3	Case studies in neuroscience: cortical contributions to the frequency-following response depend on subcortical synchrony. Journal of Neurophysiology, 2021, 125, 273-281.	1.8	6
4	Multi-Voiced Music Bypasses Attentional Limitations in the Brain. Frontiers in Neuroscience, 2021, 15, 588914.	2.8	1
5	Central Auditory Tests to Track Cognitive Function in People With HIV: Longitudinal Cohort Study. JMIR Formative Research, 2021, 5, e26406.	1.4	8
6	Clapping in Time With Feedback Relates Pervasively With Other Rhythmic Skills of Adolescents and Young Adults. Perceptual and Motor Skills, 2021, 128, 952-968.	1.3	2
7	Rhythm, reading, and sound processing in the brain in preschool children. Npj Science of Learning, 2021, 6, 20.	2.8	7
8	Auditory Cortical Changes Precede Brainstem Changes During Rapid Implicit Learning: Evidence From Human EEG. Frontiers in Neuroscience, 2021, 15, 718230.	2.8	5
9	Memory for sound: The BEAMS Hypothesis [Perspective]. Hearing Research, 2021, 407, 108291.	2.0	4
10	Auditory neurophysiological development in early childhood: A growth curve modeling approach. Clinical Neurophysiology, 2021, 132, 2110-2122.	1.5	2
11	Peripheral Auditory Function in Young HIV-Positive Adults With Clinically Normal Hearing. Otolaryngology - Head and Neck Surgery, 2021, , 019459982110471.	1.9	1
12	Non-stimulus-evoked activity as a measure of neural noise in the frequency-following response. Journal of Neuroscience Methods, 2021, 362, 109290.	2.5	2
13	Descending Control in the Auditory System: A Perspective. Frontiers in Neuroscience, 2021, 15, 769192.	2.8	0
14	Sex differences in auditory processing vary across estrous cycle. Scientific Reports, 2021, 11, 22898.	3.3	13
15	Listening in the Moment: How Bilingualism Interacts With Task Demands to Shape Active Listening. Frontiers in Neuroscience, 2021, 15, 717572.	2.8	3
16	Performance on auditory, vestibular, and visual tests is stable across two seasons of youth tackle football. Brain Injury, 2020, 34, 236-244.	1.2	4
17	Play Sports for a Quieter Brain: Evidence From Division I Collegiate Athletes. Sports Health, 2020, 12, 154-158.	2.7	10
18	Distinct rhythmic abilities align with phonological awareness and rapid naming in school-age children. Cognitive Processing, 2020, 21, 575-581.	1.4	9

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19	Sex differences in subcortical auditory processing only partially explain higher prevalence of language disorders in males. Hearing Research, 2020, 398, 108075.	2.0	8
20	Auditory neurophysiology reveals central nervous system dysfunction in HIV-infected individuals. Clinical Neurophysiology, 2020, 131, 1827-1832.	1.5	13
21	Long-term Follow-up of a Patient With Auditory Neuropathy and Normal Hearing Thresholds. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 499.	2.2	4
22	Auditory Processing Differences in Toddlers With Autism Spectrum Disorder. Journal of Speech, Language, and Hearing Research, 2020, 63, 1608-1617.	1.6	13
23	Analyzing the FFR: A tutorial for decoding the richness of auditory function. Hearing Research, 2019, 382, 107779.	2.0	90
24	Stable auditory processing underlies phonological awareness in typically developing preschoolers. Brain and Language, 2019, 197, 104664.	1.6	5
25	Neurophysiological, linguistic, and cognitive predictors of childrenâ€™s ability to perceive speech in noise. Developmental Cognitive Neuroscience, 2019, 39, 100672.	4.0	12
26	Sex differences in subcortical auditory processing emerge across development. Hearing Research, 2019, 380, 166-174.	2.0	27
27	Case studies in neuroscience: subcortical origins of the frequency-following response. Journal of Neurophysiology, 2019, 122, 844-848.	1.8	32
28	Evolving perspectives on the sources of the frequency-following response. Nature Communications, 2019, 10, 5036.	12.8	116
29	How Rhythmic Skills Relate and Develop in School-Age Children. Global Pediatric Health, 2019, 6, 2333794X1985204.	0.7	18
30	Baseline profiles of auditory, vestibular, and visual functions in youth tackle football players. Concussion, 2019, 4, CNC66.	1.0	4
31	Children with autism spectrum disorder have unstable neural responses to sound. Experimental Brain Research, 2018, 236, 733-743.	1.5	59
32	Speech-in-noise perception is linked to rhythm production skills in adult percussionists and non-musicians. Language, Cognition and Neuroscience, 2018, 33, 710-717.	1.2	8
33	Difficulty hearing in noise: a sequela of concussion in children. Brain Injury, 2018, 32, 763-769.	1.2	25
34	Got Rhythm? Better Inhibitory Control Is Linked with More Consistent Drumming and Enhanced Neural Tracking of the Musical Beat in Adult Percussionists and Nonpercussionists. Journal of Cognitive Neuroscience, 2018, 30, 14-24.	2.3	27
35	Clapping in time parallels literacy and calls upon overlapping neural mechanisms in early readers. Annals of the New York Academy of Sciences, 2018, 1423, 338-348.	3.8	19
36	Neurobiology of Everyday Communication: What Have We Learned From Music?. Neuroscientist, 2017, 23, 287-298.	3.5	49

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37	Dyslexia risk gene relates to representation of sound in the auditory brainstem. Developmental Cognitive Neuroscience, 2017, 24, 63-71.	4.0	37
38	The Frequency-Following Response: A Window into Human Communication. Springer Handbook of Auditory Research, 2017, , 1-15.	0.7	36
39	The Janus Face of Auditory Learning: How Life in Sound Shapes Everyday Communication. Springer Handbook of Auditory Research, 2017, , 121-158.	0.7	3
40	Individual Differences in Rhythm Skills: Links with Neural Consistency and Linguistic Ability. Journal of Cognitive Neuroscience, 2017, 29, 855-868.	2.3	37
41	Population responses in primary auditory cortex simultaneously represent the temporal envelope and periodicity features in natural speech. Hearing Research, 2017, 348, 31-43.	2.0	12
42	The neural legacy of a single concussion. Neuroscience Letters, 2017, 646, 21-23.	2.1	30
43	Variations on the theme of musical expertise: cognitive and sensory processing in percussionists, vocalists and nonâ€musicians. European Journal of Neuroscience, 2017, 45, 952-963.	2.6	37
44	Positive impacts of early auditory training on cortical processing at an older age. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6364-6369.	7.1	21
45	How bilinguals listen in noise: linguistic and non-linguistic factors. Bilingualism, 2017, 20, 834-843.	1.3	49
46	Music training enhances the automatic neural processing of foreign speech sounds. Scientific Reports, 2017, 7, 12631.	3.3	28
47	The power of sound for brain health. Nature Human Behaviour, 2017, 1, 700-702.	12.0	8
48	Neural stability: A reflection of automaticity in reading. Neuropsychologia, 2017, 103, 162-167.	1.6	8
49	Incorporation of feedback during beat synchronization is an index of neural maturation and reading skills. Brain and Language, 2017, 164, 43-52.	1.6	18
50	Individual differences in speech-in-noise perception parallel neural speech processing and attention in preschoolers. Hearing Research, 2017, 344, 148-157.	2.0	35
51	Individual Differences in Human Auditory Processing: Insights From Single-Trial Auditory Midbrain Activity in an Animal Model. Cerebral Cortex, 2017, 27, 5095-5115.	2.9	42
52	Getting back on the beat: links between auditoryâ€“motor integration and precise auditory processing at fast time scales. European Journal of Neuroscience, 2016, 43, 782-791.	2.6	17
53	Auditory biological marker of concussion in children. Scientific Reports, 2016, 6, 39009.	3.3	61
54	Intertrial auditory neural stability supports beat synchronization in preschoolers. Developmental Cognitive Neuroscience, 2016, 17, 76-82.	4.0	23

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55	Auditory Processing Disorder: Biological Basis and Treatment Efficacy. Springer Handbook of Auditory Research, 2016, , 51-80.	0.7	5
56	Hemispheric Asymmetry of Endogenous Neural Oscillations in Young Children: Implications for Hearing Speech In Noise. Scientific Reports, 2016, 6, 19737.	3.3	22
57	Bilingual enhancements have no socioeconomic boundaries. Developmental Science, 2016, 19, 881-891.	2.4	47
58	Native language shapes automatic neural processing of speech. Neuropsychologia, 2016, 89, 57-65.	1.6	18
59	The role of rhythm in perceiving speech in noise: a comparison of percussionists, vocalists and non-musicians. Cognitive Processing, 2016, 17, 79-87.	1.4	76
60	Beyond Words: How Humans Communicate Through Sound. Annual Review of Psychology, 2016, 67, 83-103.	17.7	24
61	Development of subcortical speech representation in human infants. Journal of the Acoustical Society of America, 2015, 137, 3346-3355.	1.1	54
62	Emergence of biological markers of musicianship with schoolâ€based music instruction. Annals of the New York Academy of Sciences, 2015, 1337, 163-169.	3.8	30
63	Longitudinal maturation of auditory cortical function during adolescence. Frontiers in Human Neuroscience, 2015, 9, 530.	2.0	13
64	Auditory Processing in Noise: A Preschool Biomarker for Literacy. PLoS Biology, 2015, 13, e1002196.	5.6	97
65	Beat Synchronization across the Lifespan: Intersection of Development and Musical Experience. PLoS ONE, 2015, 10, e0128839.	2.5	44
66	Stability and Plasticity of Auditory Brainstem Function Across the Lifespan. Cerebral Cortex, 2015, 25, 1415-1426.	2.9	155
67	Building a Conceptual Framework for Auditory Learning. Hearing Journal, 2015, 68, 6.	0.1	0
68	Continued maturation of auditory brainstem function during adolescence: A longitudinal approach. Clinical Neurophysiology, 2015, 126, 2348-2355.	1.5	32
69	Music training relates to the development of neural mechanisms of selective auditory attention. Developmental Cognitive Neuroscience, 2015, 12, 94-104.	4.0	54
70	Auditory brainstem's sensitivity to human voices. International Journal of Psychophysiology, 2015, 95, 333-337.	1.0	2
71	Music and language. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 129, 207-222.	1.8	23
72	Prior Experience Biases Subcortical Sensitivity to Sound Patterns. Journal of Cognitive Neuroscience, 2015, 27, 124-140.	2.3	24

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73	Continued Maturation of the Click-Evoked Auditory Brainstem Response in Preschoolers. Journal of the American Academy of Audiology, 2015, 26, 030-035.	0.7	25
74	Music training alters the course of adolescent auditory development. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10062-10067.	7.1	121
75	Music training improves speech-in-noise perception: Longitudinal evidence from a community-based music program. Behavioural Brain Research, 2015, 291, 244-252.	2.2	122
76	Impairments in musical abilities reflected in the auditory brainstem: evidence from congenital amusia. European Journal of Neuroscience, 2015, 42, 1644-1650.	2.6	23
77	Auditory-neurophysiological responses to speech during early childhood: Effects of background noise. Hearing Research, 2015, 328, 34-47.	2.0	29
78	Unraveling the Biology of Auditory Learning: A Cognitiveâ€“Sensorimotorâ€“Reward Framework. Trends in Cognitive Sciences, 2015, 19, 642-654.	7.8	123
79	Neural processing of speech in children is influenced by extent of bilingual experience. Neuroscience Letters, 2015, 585, 48-53.	2.1	35
80	Neural Entrainment to the Rhythmic Structure of Music. Journal of Cognitive Neuroscience, 2015, 27, 400-408.	2.3	67
81	Evidence for Multiple Rhythmic Skills. PLoS ONE, 2015, 10, e0136645.	2.5	34
82	Engagement in community music classes sparks neuroplasticity and language development in children from disadvantaged backgrounds. Frontiers in Psychology, 2014, 5, 1403.	2.1	50
83	Auditory-motor entrainment and phonological skills: precise auditory timing hypothesis (PATH). Frontiers in Human Neuroscience, 2014, 8, 949.	2.0	90
84	Auditory learning through active engagement with sound: biological impact of community music lessons in at-risk children. Frontiers in Neuroscience, 2014, 8, 351.	2.8	27
85	Musicians' Enhanced Neural Differentiation of Speech Sounds Arises Early in Life: Developmental Evidence from Ages 3 to 30. Cerebral Cortex, 2014, 24, 2512-2521.	2.9	85
86	Auditory Reserve and the Legacy of Auditory Experience. Brain Sciences, 2014, 4, 575-593.	2.3	6
87	Resting gamma power is linked to reading ability in adolescents. Developmental Science, 2014, 17, 86-93.	2.4	11
88	Bilingualism increases neural response consistency and attentional control: Evidence for sensory and cognitive coupling. Brain and Language, 2014, 128, 34-40.	1.6	89
89	An Integrative Model of Subcortical Auditory Plasticity. Brain Topography, 2014, 27, 539-552.	1.8	58
90	Human brainstem plasticity: The interaction of stimulus probability and auditory learning. Neurobiology of Learning and Memory, 2014, 109, 82-93.	1.9	42

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91	Biological impact of auditory expertise across the life span: Musicians as a model of auditory learning. Hearing Research, 2014, 308, 109-121.	2.0	144
92	Cortical response variability as a developmental index of selective auditory attention. Developmental Science, 2014, 17, 175-186.	2.4	13
93	Beat synchronization predicts neural speech encoding and reading readiness in preschoolers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14559-14564.	7.1	169
94	Partial maintenance of auditory-based cognitive training benefits in older adults. Neuropsychologia, 2014, 62, 286-296.	1.6	43
95	Music Enrichment Programs Improve the Neural Encoding of Speech in At-Risk Children. Journal of Neuroscience, 2014, 34, 11913-11918.	3.6	159
96	The Cognitive Auditory System: The Role of Learning in Shaping the Biology of the Auditory System. Springer Handbook of Auditory Research, 2014, , 299-319.	0.7	17
97	Longitudinal Effects of Group Music Instruction on Literacy Skills in Low-Income Children. PLoS ONE, 2014, 9, e113383.	2.5	60
98	Musicians change their tune: How hearing loss alters the neural code. Hearing Research, 2013, 302, 121-131.	2.0	30
99	Biological impact of preschool music classes on processing speech in noise. Developmental Cognitive Neuroscience, 2013, 6, 51-60.	4.0	59
100	The Ability to Move to a Beat Is Linked to the Consistency of Neural Responses to Sound. Journal of Neuroscience, 2013, 33, 14981-14988.	3.6	115
101	The ability to tap to a beat relates to cognitive, linguistic, and perceptual skills. Brain and Language, 2013, 124, 225-231.	1.6	122
102	Developmental changes in resting gamma power from age three to adulthood. Clinical Neurophysiology, 2013, 124, 1040-1042.	1.5	25
103	Speechâ€evoked auditory brainstem responses reflect familial and cognitive influences. Developmental Science, 2013, 16, 101-110.	2.4	13
104	A dynamic auditory-cognitive system supports speech-in-noise perception in older adults. Hearing Research, 2013, 300, 18-32.	2.0	193
105	Hearing Matters. Hearing Journal, 2013, 66, 52.	0.1	7
106	Auditory Brainstem Response to Complex Sounds Predicts Self-Reported Speech-in-Noise Performance. Journal of Speech, Language, and Hearing Research, 2013, 56, 31-43.	1.6	97
107	The Potential Role of the cABR in Assessment and Management of Hearing Impairment. International Journal of Otolaryngology, 2013, 2013, 1-10.	0.9	34
108	Effects of hearing loss on the subcortical representation of speech cues. Journal of the Acoustical Society of America, 2013, 133, 3030-3038.	1.1	110

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109	The Impoverished Brain: Disparities in Maternal Education Affect the Neural Response to Sound. Journal of Neuroscience, 2013, 33, 17221-17231.	3.6	85
110	Reversal of age-related neural timing delays with training. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4357-4362.	7.1	199
111	Musical Training Enhances Neural Processing of Binaural Sounds. Journal of Neuroscience, 2013, 33, 16741-16747.	3.6	32
112	Unstable Representation of Sound: A Biological Marker of Dyslexia. Journal of Neuroscience, 2013, 33, 3500-3504.	3.6	258
113	Older Adults Benefit from Music Training Early in Life: Biological Evidence for Long-Term Training-Driven Plasticity. Journal of Neuroscience, 2013, 33, 17667-17674.	3.6	151
114	Music Training for the Development of Reading Skills. Progress in Brain Research, 2013, 207, 209-241.	1.4	96
115	Auditory Training: Evidence for Neural Plasticity in Older Adults. Perspectives on Hearing and Hearing Disorders Research and Research Diagnostics, 2013, 17, 37.	0.4	54
116	At-Risk Elementary School Children with One Year of Classroom Music Instruction Are Better at Keeping a Beat. PLoS ONE, 2013, 8, e77250.	2.5	42
117	Musical training heightens auditory brainstem function during sensitive periods in development. Frontiers in Psychology, 2013, 4, 622.	2.1	64
118	High school music classes enhance the neural processing of speech. Frontiers in Psychology, 2013, 4, 855.	2.1	54
119	Physiologic discrimination of stop consonants relates to phonological skills in pre-readers: a biomarker for subsequent reading ability?â€. Frontiers in Human Neuroscience, 2013, 7, 899.	2.0	25
120	Neural responses to sounds presented on and off the beat of ecologically valid music. Frontiers in Systems Neuroscience, 2013, 7, 14.	2.5	34
121	Training changes processing of speech cues in older adults with hearing loss. Frontiers in Systems Neuroscience, 2013, 7, 97.	2.5	75
122	Art and science: how musical training shapes the brain. Frontiers in Psychology, 2013, 4, 713.	2.1	75
123	Training to Improve Hearing Speech in Noise: Biological Mechanisms. Cerebral Cortex, 2012, 22, 1180-1190.	2.9	172
124	Subcortical encoding of sound is enhanced in bilinguals and relates to executive function advantages. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7877-7881.	7.1	225
125	A Little Goes a Long Way: How the Adult Brain Is Shaped by Musical Training in Childhood. Journal of Neuroscience, 2012, 32, 11507-11510.	3.6	134
126	Assistive listening devices drive neuroplasticity in children with dyslexia. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16731-16736.	7.1	106

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127	Human inferior colliculus activity relates to individual differences in spoken language learning. Journal of Neurophysiology, 2012, 107, 1325-1336.	1.8	98
128	Subcortical representation of speech fine structure relates to reading ability. NeuroReport, 2012, 23, 6-9.	1.2	54
129	Musical experience offsets age-related delays in neural timing. Neurobiology of Aging, 2012, 33, 1483.e1-1483.e4.	3.1	127
130	Atypical brain oscillations: a biological basis for dyslexia?. Trends in Cognitive Sciences, 2012, 16, 12-13.	7.8	20
131	Test-retest consistency of speech-evoked auditory brainstem responses in typically-developing children. Hearing Research, 2012, 284, 52-58.	2.0	70
132	Reliability of the auditory brainstem responses to speech over one year in school-age children: A reply to Drs. McFarland and Cacace. Hearing Research, 2012, 287, 3-5.	2.0	5
133	Specialization among the specialized: Auditory brainstem function is tuned in to timbre. Cortex, 2012, 48, 360-362.	2.4	74
134	Sex differences in auditory subcortical function. Clinical Neurophysiology, 2012, 123, 590-597.	1.5	87
135	Aging Affects Neural Precision of Speech Encoding. Journal of Neuroscience, 2012, 32, 14156-14164.	3.6	327
136	Biological impact of music and software-based auditory training. Journal of Communication Disorders, 2012, 45, 403-410.	1.5	17
137	Musical training during early childhood enhances the neural encoding of speech in noise. Brain and Language, 2012, 123, 191-201.	1.6	166
138	Musical experience strengthens the neural representation of sounds important for communication in middle-aged adults. Frontiers in Aging Neuroscience, 2012, 4, 30.	3.4	56
139	Cognitive factors shape brain networks for auditory skills: spotlight on auditory working memory. Annals of the New York Academy of Sciences, 2012, 1252, 100-107.	3.8	105
140	Testâ€"retest reliability of the speech-evoked auditory brainstem response. Clinical Neurophysiology, 2011, 122, 346-355.	1.5	103
141	Reply to Testâ€"retest reliability of the speech-evoked ABR is supported by tests of covariance. Clinical Neurophysiology, 2011, 122, 1893-1895.	1.5	8
142	Auditory brainstem measures predict reading and speech-in-noise perception in school-aged children. Behavioural Brain Research, 2011, 216, 597-605.	2.2	62
143	A possible role for a paralemniscal auditory pathway in the coding of slow temporal information. Hearing Research, 2011, 272, 125-134.	2.0	15
144	Inferior colliculus contributions to phase encoding of stop consonants in an animal model. Hearing Research, 2011, 282, 108-118.	2.0	32

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145	Can You Hear Me Now? Musical Training Shapes Functional Brain Networks for Selective Auditory Attention and Hearing Speech in Noise. Frontiers in Psychology, 2011, 2, 113.	2.1	146
146	Musical Experience and the Aging Auditory System: Implications for Cognitive Abilities and Hearing Speech in Noise. PLoS ONE, 2011, 6, e18082.	2.5	223
147	Harmonic relationships influence auditory brainstem encoding of chords. NeuroReport, 2011, 22, 504-508.	1.2	8
148	A Neural Basis of Speech-in-Noise Perception in Older Adults. Ear and Hearing, 2011, 32, 750-757.	2.1	175
149	Musical training gives edge in auditory processing. Hearing Journal, 2011, 64, 10.	0.1	3
150	Objective Biological Measures for the Assessment and Management of Auditory Processing Disorder. Current Pediatric Reviews, 2011, 7, 252-261.	0.8	6
151	Listening in on the listening brain. Physics Today, 2011, 64, 40-45.	0.3	10
152	What subcorticalâ€“cortical relationships tell us about processing speech in noise. European Journal of Neuroscience, 2011, 33, 549-557.	2.6	75
153	Subcortical processing of speech regularities underlies reading and music aptitude in children. Behavioral and Brain Functions, 2011, 7, 44.	3.3	100
154	Cross-phaseogram: Objective neural index of speech sound differentiation. Journal of Neuroscience Methods, 2011, 196, 308-317.	2.5	50
155	Neural Encoding of Speech and Music: Implications for Hearing Speech in Noise. Seminars in Hearing, 2011, 32, 129-141.	1.2	17
156	Perception of Speech in Noise: Neural Correlates. Journal of Cognitive Neuroscience, 2011, 23, 2268-2279.	2.3	166
157	Playing Music for a Smarter Ear: Cognitive, Perceptual and Neurobiological Evidence. Music Perception, 2011, 29, 133-146.	1.1	90
158	Auditory Brain Stem Response to Complex Sounds: A Tutorial. Ear and Hearing, 2010, 31, 302-324.	2.1	621
159	The scalp-recorded brainstem response to speech: Neural origins and plasticity. Psychophysiology, 2010, 47, 236-246.	2.4	382
160	Music training for the development of auditory skills. Nature Reviews Neuroscience, 2010, 11, 599-605.	10.2	801
161	Corticalâ€evoked potentials reflect speechâ€inâ€noise perception in children. European Journal of Neuroscience, 2010, 32, 1407-1413.	2.6	40
162	Hearing It Again and Again: On-Line Subcortical Plasticity in Humans. PLoS ONE, 2010, 5, e13645.	2.5	65

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163	Stimulus Rate and Subcortical Auditory Processing of Speech. Audiology and Neuro-Otology, 2010, 15, 332-342.	1.3	36
164	Neural Timing Is Linked to Speech Perception in Noise. Journal of Neuroscience, 2010, 30, 4922-4926.	3.6	171
165	Sensory-Cognitive Interaction in the Neural Encoding of Speech in Noise: A Review. Journal of the American Academy of Audiology, 2010, 21, 575-585.	0.7	82
166	Music, Noise-Exclusion, and Learning. Music Perception, 2010, 27, 297-306.	1.1	38
167	Biological changes in auditory function following training in children with autism spectrum disorders. Behavioral and Brain Functions, 2010, 6, 60.	3.3	67
168	Objective Neural Indices of Speech-in-Noise Perception. Trends in Amplification, 2010, 14, 73-83.	2.4	52
169	Emotion and the auditory brainstem response to speech. Neuroscience Letters, 2010, 469, 319-323.	2.1	6
170	Musical experience shapes top-down auditory mechanisms: Evidence from masking and auditory attention performance. Hearing Research, 2010, 261, 22-29.	2.0	268
171	Brainstem correlates of speech-in-noise perception in children. Hearing Research, 2010, 270, 151-157.	2.0	91
172	Rapid acoustic processing in the auditory brainstem is not related to cortical asymmetry for the syllable rate of speech. Clinical Neurophysiology, 2010, 121, 1343-1350.	1.5	11
173	Selective Subcortical Enhancement of Musical Intervals in Musicians. Journal of Neuroscience, 2009, 29, 5832-5840.	3.6	132
174	Emotion Modulates Early Auditory Response to Speech. Journal of Cognitive Neuroscience, 2009, 21, 2121-2128.	2.3	21
175	Abnormal Cortical Processing of the Syllable Rate of Speech in Poor Readers. Journal of Neuroscience, 2009, 29, 7686-7693.	3.6	135
176	Subcortical differentiation of stop consonants relates to reading and speech-in-noise perception. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13022-13027.	7.1	200
177	Subcortical Laterality of Speech Encoding. Audiology and Neuro-Otology, 2009, 14, 198-207.	1.3	84
178	Reading and Subcortical Auditory Function. Cerebral Cortex, 2009, 19, 2699-2707.	2.9	224
179	Effects of Background Noise on Cortical Encoding of Speech in Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2009, 39, 1185-1196.	2.7	100
180	Brainstem transcription of speech is disrupted in children with autism spectrum disorders. Developmental Science, 2009, 12, 557-567.	2.4	134

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181	Musical experience and neural efficiency â€“ effects of training on subcortical processing of vocal expressions of emotion. European Journal of Neuroscience, 2009, 29, 661-668.	2.6	159
182	Experienceâ€induced Malleability in Neural Encoding of <i>Pitch</i>, <i>Timbre</i>, and <i>Timing</i>. Annals of the New York Academy of Sciences, 2009, 1169, 543-557.	3.8	124
183	Part VIII Introduction. Annals of the New York Academy of Sciences, 2009, 1169, 516-517.	3.8	8
184	Musical Experience Promotes Subcortical Efficiency in Processing Emotional Vocal Sounds. Annals of the New York Academy of Sciences, 2009, 1169, 209-213.	3.8	39
185	Learning to Encode Timing: Mechanisms of Plasticity in the Auditory Brainstem. Neuron, 2009, 62, 463-469.	8.1	150
186	Context-Dependent Encoding in the Human Auditory Brainstem Relates to Hearing Speech in Noise: Implications for Developmental Dyslexia. Neuron, 2009, 64, 311-319.	8.1	228
187	Musical Experience Limits the Degradative Effects of Background Noise on the Neural Processing of Sound. Journal of Neuroscience, 2009, 29, 14100-14107.	3.6	331
188	Musician Enhancement for Speech-In-Noise. Ear and Hearing, 2009, 30, 653-661.	2.1	420
189	Audiovisual Deficits in Older Adults with Hearing Loss: Biological Evidence. Ear and Hearing, 2009, 30, 505-514.	2.1	33
190	Brainstem encoding of voiced consonantâ€“vowel stop syllables. Clinical Neurophysiology, 2008, 119, 2623-2635.	1.5	74
191	Relationships between behavior, brainstem and cortical encoding of seen and heard speech in musicians and non-musicians. Hearing Research, 2008, 241, 34-42.	2.0	197
192	Right-Hemisphere Auditory Cortex Is Dominant for Coding Syllable Patterns in Speech. Journal of Neuroscience, 2008, 28, 3958-3965.	3.6	234
193	Brainstem Timing Deficits in Children with Learning Impairment May Result from Corticofugal Origins. Audiology and Neuro-Otology, 2008, 13, 335-344.	1.3	46
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