## The neuronal representation of pitch in primate auditor

Nature 436, 1161-1165 DOI: 10.1038/nature03867

Citation Report

#	Article	IF	CITATIONS
1	Thalamocortical and Corticothalamic Interaction in the Auditory System. Neuroembryology and Aging, 2004, 3, 239-248.	0.1	2
2	Probing the Evolutionary Origins of Music Perception. Annals of the New York Academy of Sciences, 2005, 1060, 6-16.	3.8	18
3	Neurophysiology and Neuroanatomy of Pitch Perception: Auditory Cortex. Annals of the New York Academy of Sciences, 2005, 1060, 148-174.	3.8	55
4	Differences in Gray Matter between Musicians and Nonmusicians. Annals of the New York Academy of Sciences, 2005, 1060, 395-399.	3.8	88
6	Finding the missing fundamental. Nature, 2005, 436, 1093-1094.	27.8	12
7	Just add chlorine. Nature, 2005, 436, 1094-1095.	27.8	4
8	THE ORIGINS OF MUSIC: INNATENESS, UNIQUENESS, AND EVOLUTION. Music Perception, 2005, 23, 29-59.	1.1	218
9	Response preferences for "what―and "where―in human non-primary auditory cortex. NeuroImage, 2006, 32, 968-977.	4.2	104
10	Quantification of three-dimensional exploration in the cylinder test by the common marmoset (Callithrix jacchus). Behavioural Brain Research, 2006, 170, 62-70.	2.2	9
11	Cortical processing of quasi-periodic versus random noise sounds. Hearing Research, 2006, 221, 65-72.	2.0	4
12	Periodicity and frequency coding in human auditory cortex. European Journal of Neuroscience, 2006, 24, 3601-3610.	2.6	45
13	Cortical representations of pitch in monkeys and humans. Current Opinion in Neurobiology, 2006, 16, 391-399.	4.2	134
14	Cortical connections of the auditory cortex in marmoset monkeys: Core and medial belt regions. Journal of Comparative Neurology, 2006, 496, 27-71.	1.6	190
15	Neural Response Correlates of Detection of Monaurally and Binaurally Created Pitches in Humans. Cerebral Cortex, 2006, 16, 835-848.	2.9	84
16	The case of the missing delay lines: Synthetic delays obtained by cross-channel phase interaction. Journal of the Acoustical Society of America, 2006, 119, 3908-3918.	1.1	49
17	The Effect of Temporal Context on the Sustained Pitch Response in Human Auditory Cortex. Cerebral Cortex, 2006, 17, 552-561.	2.9	30
18	COMPLETE FUNCTIONAL CHARACTERIZATION OF SENSORY NEURONS BY SYSTEM IDENTIFICATION. Annual Review of Neuroscience, 2006, 29, 477-505.	10.7	290
19	Music and the brain: disorders of musical listening. Brain, 2006, 129, 2533-2553.	7.6	264

ARTICLE IF CITATIONS Human Cortical Activity during Streaming without Spectral Cues Suggests a General Neural Substrate 3.6 74 for Auditory Stream Segregation. Journal of Neuroscience, 2007, 27, 13074-13081. Modeling the cochlear nucleus: A site for monaural echo suppression?. Journal of the Acoustical 1.1 Society of America, 2007, 122, 2226-2235. An Information Theoretic Characterisation of Auditory Encoding. PLoS Biology, 2007, 5, e288. 5.6 67 Hearing Illusory Sounds in Noise: Sensory-Perceptual Transformations in Primary Auditory Cortex. 93 Journal of Neuroscience, 2007, 27, 12684-12689. Activity of common marmosets (Callithrix jacchus) in limited spaces: Hand movement characteristics.. 0.5 0 Journal of Comparative Psychology (Washington, D C: 1983), 2007, 121, 332-344. The human ???pitch center??? responds differently to iterated noise and Huggins pitch. NeuroReport, 1.2 2007, 18, 323-327. Adaptation of Central Pitch-Specific Mechanisms. Perception, 2007, 36, 918-930. 1.2 4 Short-term plasticity in auditory cognition. Trends in Neurosciences, 2007, 30, 653-661. 8.6 108 Auditory Cortex Mapmaking: Principles, Projections, and Plasticity. Neuron, 2007, 56, 356-365. 8.1 171 The role of auditory cortex in the formation of auditory streams. Hearing Research, 2007, 229, 116-131. Neural coding strategies in auditory cortex. Hearing Research, 2007, 229, 81-93. 2.0 117 Detection of sinusoidal amplitude modulated sounds: Deficits after bilateral lesions of auditory cortex in the rat. Hearing Research, 2007, 231, 90-99. Tone sequences with conflicting fundamental pitch and timbre changes are heard differently by musicians and nonmusicians.. Journal of Experimental Psychology: Human Perception and 0.9 49 Performance, 2007, 33, 743-751. Hearing â€" From Sensory Processing to Perception. , 2007, , . Physiological Acoustics., 2007, , 429-457. 4 Organization and Correspondence of the Auditory Cortex of Humans and Nonhuman Primates., 2007,, 29 109-119. Processing of sounds by population spikes in a model of primary auditory cortex. Frontiers in 2.8 49 Neuroscience, 2007, 1, 197-209.

CITATION REPORT

38Auditory cortex of bats and primates: managing species-specific calls for social communication.3.057Frontiers in Bioscience - Landmark, 2007, 12, 4621.

#

20

23

24

25

27

28

29

31

33

34

35

#	Article	IF	CITATIONS
39	Differential neural coding of acoustic flutter within primate auditory cortex. Nature Neuroscience, 2007, 10, 763-771.	14.8	146
40	When the brain plays music: auditory–motor interactions in music perception and production. Nature Reviews Neuroscience, 2007, 8, 547-558.	10.2	1,212
41	Neural representation of spectral and temporal features of song in the auditory forebrain of zebra finches as revealed by functional MRI. European Journal of Neuroscience, 2007, 26, 2613-2626.	2.6	46
42	Representation of harmonic frequencies in auditory memory: A mismatch negativity study. Psychophysiology, 2007, 44, 671-679.	2.4	11
43	The temporal representation of the delay of dynamic iterated rippled noise with positive and negative gain by single units in the ventral cochlear nucleus. Brain Research, 2007, 1171, 52-66.	2.2	13
44	Neuronal identification of acoustic signal periodicity. Biological Cybernetics, 2007, 97, 247-260.	1.3	9
45	Depth electrode recordings show double dissociation between pitch processing in lateral Heschl's gyrus and sound onset processing in medial Heschl's gyrus. Experimental Brain Research, 2008, 187, 97-105.	1.5	77
46	Music perception, pitch, and the auditory system. Current Opinion in Neurobiology, 2008, 18, 452-463.	4.2	160
47	Action–perception mismatch in tone-deafness. Current Biology, 2008, 18, R331-R332.	3.9	151
48	FGF induces oscillations of Hes1 expression and Ras/ERK activation. Current Biology, 2008, 18, R332-R334.	3.9	104
49	Perceptual Organization of Sound Begins in the Auditory Periphery. Current Biology, 2008, 18, 1124-1128.	3.9	204
50	Evidence for the role of the right auditory cortex in fine pitch resolution. Neuropsychologia, 2008, 46, 632-639.	1.6	210
51	Phoneme representation and classification in primary auditory cortex. Journal of the Acoustical Society of America, 2008, 123, 899-909.	1.1	175
52	Linking Cortical Spike Pattern Codes to Auditory Perception. Journal of Cognitive Neuroscience, 2008, 20, 135-152.	2.3	53
53	Pitch Perception. , 2008, , 807-828.		0
54	A perceptual architecture for sound lateralization in man. Hearing Research, 2008, 238, 124-132.	2.0	40
55	Reverberation Challenges the Temporal Representation of the Pitch of Complex Sounds. Neuron, 2008, 58, 789-801.	8.1	67
56	Erratum to "Neural coding of temporal information in auditory thalamus and cortex― Neuroscience, 2008, 157, 483.	2.3	1

#	Article	IF	CITATIONS
57	Neural coding of temporal information in auditory thalamus and cortex. Neuroscience, 2008, 157, 484-493.	2.3	95
58	Spatial dissociation of changes of level and signal-to-noise ratio in auditory cortex for tones in noise. NeuroImage, 2008, 43, 321-328.	4.2	28
59	Invariance and Sensitivity to Intensity in Neural Discrimination of Natural Sounds. Journal of Neuroscience, 2008, 28, 6304-6308.	3.6	55
60	Ambiguous Pitch and the Temporal Representation of Inharmonic Iterated Rippled Noise in the Ventral Cochlear Nucleus. Journal of Neuroscience, 2008, 28, 11925-11938.	3.6	25
61	Perception and cortical neural coding of harmonic fusion in ferrets. Journal of the Acoustical Society of America, 2008, 123, 2701-2716.	1.1	24
62	Functional imaging of the auditory processing applied to speech sounds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1023-1035.	4.0	26
63	Pitch Perception and Auditory Stream Segregation: Implications for Hearing Loss and Cochlear Implants. Trends in Amplification, 2008, 12, 316-331.	2.4	173
64	Speaker normalization using cortical strip maps: A neural model for steady-state vowel categorization. Journal of the Acoustical Society of America, 2008, 124, 3918-3936.	1.1	35
65	Volume of Left Heschl's Gyrus and Linguistic Pitch Learning. Cerebral Cortex, 2008, 18, 828-836.	2.9	184
66	Neural Response Properties of Primary, Rostral, and Rostrotemporal Core Fields in the Auditory Cortex of Marmoset Monkeys. Journal of Neurophysiology, 2008, 100, 888-906.	1.8	206
67	Neuromagnetic Evidence for Early Auditory Restoration of Fundamental Pitch. PLoS ONE, 2008, 3, e2900.	2.5	4
68	A map of periodicity orthogonal to frequency representation in the cat auditory cortex. Frontiers in Integrative Neuroscience, 2009, 3, 27.	2.1	35
69	General perceptual contributions to lexical tone normalization. Journal of the Acoustical Society of America, 2009, 125, 3983-3994.	1.1	51
70	Pitch discrimination by ferrets for simple and complex sounds. Journal of the Acoustical Society of America, 2009, 126, 1321-1335.	1.1	46
71	Auditory Streaming of Amplitude-Modulated Sounds in the Songbird Forebrain. Journal of Neurophysiology, 2009, 101, 3212-3225.	1.8	38
72	Finding the Pitch of the Missing Fundamental in Infants. Journal of Neuroscience, 2009, 29, 7718-8822.	3.6	62
73	Interdependent Encoding of Pitch, Timbre, and Spatial Location in Auditory Cortex. Journal of Neuroscience, 2009, 29, 2064-2075.	3.6	152
74	Timescale-Invariant Representation of Acoustic Communication Signals by a Bursting Neuron. Journal of Neuroscience, 2009, 29, 2575-2580.	3.6	29

#	Article	IF	CITATIONS
75	Neuroanatomical Correlates of Musicianship as Revealed by Cortical Thickness and Voxel-Based Morphometry. Cerebral Cortex, 2009, 19, 1583-1596.	2.9	336
76	Coding of Repetitive Transients by Auditory Cortex on Heschl's Gyrus. Journal of Neurophysiology, 2009, 102, 2358-2374.	1.8	177
77	Pitch Processing Sites in the Human Auditory Brain. Cerebral Cortex, 2009, 19, 576-585.	2.9	149
78	Prominence Detection Using Auditory Attention Cues and Task-Dependent High Level Information. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 1009-1024.	3.2	67
79	The role of the auditory brainstem in processing linguistically-relevant pitch patterns. Brain and Language, 2009, 110, 135-148.	1.6	125
80	Neuronal identification of signal periodicity by balanced inhibition. Biological Cybernetics, 2009, 100, 261-270.	1.3	8
81	Maps and streams in the auditory cortex: nonhuman primates illuminate human speech processing. Nature Neuroscience, 2009, 12, 718-724.	14.8	1,462
82	Current Advances in the Cognitive Neuroscience of Music. Annals of the New York Academy of Sciences, 2009, 1156, 211-231.	3.8	168
83	Marmosets as a nextâ€generation model of comparative cognition. Japanese Psychological Research, 2009, 51, 182-196.	1.1	12
84	Visualizing the entire cortical myelination pattern in marmosets with magnetic resonance imaging. Journal of Neuroscience Methods, 2009, 185, 15-22.	2.5	127
85	Identification and integration of sensory modalities: Neural basis and relation to consciousness. Consciousness and Cognition, 2009, 18, 718-739.	1.5	56
86	Pitch perception. Attention, Perception, and Psychophysics, 2009, 71, 1701-1715.	1.3	47
90	Temporal Coherence in the Perceptual Organization and Cortical Representation of Auditory Scenes. Neuron, 2009, 61, 317-329.	8.1	215
91	A computational model of human pitch strength and height judgments. Hearing Research, 2009, 249, 23-35.	2.0	17
92	The multisensory roles for auditory cortex in primate vocal communication. Hearing Research, 2009, 258, 113-120.	2.0	29
94	Sensitive Response to Low-Frequency Cochlear Distortion Products in the Auditory Midbrain. Journal of Neurophysiology, 2009, 101, 1560-1574.	1.8	25
95	Predicting Tinnitus Pitch From Patients' Audiograms With a Computational Model for the Development of Neuronal Hyperactivity. Journal of Neurophysiology, 2009, 101, 3042-3052.	1.8	90
96	Neural Coding of Periodicity in Marmoset Auditory Cortex. Journal of Neurophysiology, 2010, 103, 1809-1822.	1.8	75

#	Article	IF	CITATIONS
97	The central role of recognition in auditory perception: A neurobiological model Psychological Review, 2010, 117, 175-196.	3.8	48
98	Cross-modal facilitation in speech prosody. Cognition, 2010, 115, 71-78.	2.2	23
99	Direct Recordings of Pitch Responses from Human Auditory Cortex. Current Biology, 2010, 20, 1128-1132.	3.9	100
100	The Musical Brain: Myth and Science. World Neurosurgery, 2010, 73, 442-453.	1.3	10
101	Developmental experience alters information coding in auditory midbrain and forebrain neurons. Developmental Neurobiology, 2010, 70, 235-252.	3.0	44
102	Selective perception and recognition of vocal signals. Handbook of Behavioral Neuroscience, 2010, 19, 125-134.	0.7	4
103	Using Spatial Manipulation to Examine Interactions between Visual and Auditory Encoding of Pitch and Time. Frontiers in Psychology, 2010, 1, 233.	2.1	5
104	Activation of frontal neocortical areas by vocal production in marmosets. Frontiers in Integrative Neuroscience, 2010, 4, .	2.1	36
105	<i>On Pitch, the Ear and the Brain of the Beholder.</i> Focus on "Neural Coding of Periodicity in Marmoset Auditory Cortex.― Journal of Neurophysiology, 2010, 103, 1708-1711.	1.8	5
106	Formation of auditory streams. , 2010, , .		10
106 107	Formation of auditory streams. , 2010, , . Level and spectrum. , 2010, , .		10 3
106 107 108	Formation of auditory streams. , 2010, , .         Level and spectrum. , 2010, , .         Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. Cerebral Cortex, 2010, 20, 2863-2873.	2.9	10 3 54
106 107 108 109	Formation of auditory streams. , 2010, , .         Level and spectrum. , 2010, , .         Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. Cerebral Cortex, 2010, 20, 2863-2873.         Spatiotemporal Representation of the Pitch of Harmonic Complex Tones in the Auditory Nerve. Journal of Neuroscience, 2010, 30, 12712-12724.	2.9 3.6	10 3 54 59
106 107 108 109 110	Formation of auditory streams. , 2010, , .         Level and spectrum. , 2010, , .         Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. Cerebral Cortex, 2010, 20, 2863-2873.         Spatiotemporal Representation of the Pitch of Harmonic Complex Tones in the Auditory Nerve. Journal of Neuroscience, 2010, 30, 12712-12724.         How the Human Brain Recognizes Speech in the Context of Changing Speakers. Journal of Neuroscience, 2010, 30, 629-638.	2.9 3.6 3.6	10 3 54 59 86
106 107 108 109 110 111	Formation of auditory streams. , 2010, , .         Level and spectrum. , 2010, , .         Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. Cerebral Cortex, 2010, 20, 2863-2873.         Spatiotemporal Representation of the Pitch of Harmonic Complex Tones in the Auditory Nerve. Journal of Neuroscience, 2010, 30, 12712-12724.         How the Human Brain Recognizes Speech in the Context of Changing Speakers. Journal of Neuroscience, 2010, 30, 629-638.         Neural Modulation of Temporal Encoding, Maintenance, and Decision Processes. Cerebral Cortex, 2010, 20, 1274-1285.	2.9 3.6 3.6 2.9	10 3 54 59 86 106
106 107 108 109 110 111 111	Formation of auditory streams. , 2010, , .         Level and spectrum. , 2010, , .         Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. Cerebral Cortex, 2010, 20, 2863-2873.         Spatiotemporal Representation of the Pitch of Harmonic Complex Tones in the Auditory Nerve. Journal of Neuroscience, 2010, 30, 12712-12724.         How the Human Brain Recognizes Speech in the Context of Changing Speakers. Journal of Neuroscience, 2010, 30, 629-638.         Neural Modulation of Temporal Encoding, Maintenance, and Decision Processes. Cerebral Cortex, 2010, 20, 1274-1285.         The effect of stimulus context on pitch representations in the human auditory cortex. NeuroImage, 2010, 51, 808-816.	2.9 3.6 3.6 2.9 4.2	10 3 54 59 86 106 27
106 107 108 109 110 111 112	Formation of auditory streams., 2010, , .         Level and spectrum., 2010, , .         Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. Cerebral Cortex, 2010, 20, 2863-2873.         Spatiotemporal Representation of the Pitch of Harmonic Complex Tones in the Auditory Nerve. Journal of Neuroscience, 2010, 30, 12712-12724.         How the Human Brain Recognizes Speech in the Context of Changing Speakers. Journal of Neuroscience, 2010, 30, 629-638.         Neural Modulation of Temporal Encoding, Maintenance, and Decision Processes. Cerebral Cortex, 2010, 20, 1274-1285.         The effect of stimulus context on pitch representations in the human auditory cortex. NeuroImage, 2010, 51, 808-816.         Cortical structure predicts success in performing musical transformation judgments. NeuroImage, 2010, 53, 26-36.	2.9 3.6 3.6 2.9 4.2 4.2	10 3 54 59 86 106 27 136

#	Article	IF	CITATIONS
115	Active stream segregation specifically involves the left human auditory cortex. Hearing Research, 2010, 265, 30-37.	2.0	40
116	Neural representation of pitch salience in the human brainstem revealed by psychophysical and electrophysiological indices. Hearing Research, 2010, 268, 60-66.	2.0	57
117	Dichotic pitch activates pitch processing centre in Heschl's gyrus. NeuroImage, 2010, 49, 1641-1649.	4.2	71
119	The Neurophysiological Bases of Auditory Perception. , 2010, , .		11
120	Cortical Representation of Natural Complex Sounds: Effects of Acoustic Features and Auditory Object Category. Journal of Neuroscience, 2010, 30, 7604-7612.	3.6	323
121	Sustained responses for pitch and vowels map to similar sites in human auditory cortex. NeuroImage, 2011, 56, 1578-1587.	4.2	28
122	Effects of voice harmonic complexity on ERP responses to pitch-shifted auditory feedback. Clinical Neurophysiology, 2011, 122, 2408-2417.	1.5	22
123	Detection of virtual pitch up to 5 kHz by mice. Neuroscience Research, 2011, 71, 140-144.	1.9	3
124	Cortical encoding of pitch: Recent results and open questions. Hearing Research, 2011, 271, 74-87.	2.0	47
125	Location of cells giving phase-locked responses to pure tones in the primary auditory cortex. Hearing Research, 2011, 274, 142-151.	2.0	10
126	Auditory cortex tracks the temporal regularity of sustained noisy sounds. Hearing Research, 2011, 272, 85-94.	2.0	10
127	Age differences in the purr call distinguished by units in the adult guinea pig primary auditory cortex. Hearing Research, 2011, 277, 134-142.	2.0	4
128	Measurement of absolute auditory thresholds in the common marmoset (Callithrix jacchus). Hearing Research, 2011, 277, 127-133.	2.0	71
129	Increased activation of the human cerebellum during pitch discrimination: A positron emission tomography (PET) study. Hearing Research, 2011, 282, 35-48.	2.0	31
130	Large-Scale Heterogeneous Representation of Sound Attributes in Rat Primary Auditory Cortex: From Unit Activity to Population Dynamics. Journal of Neuroscience, 2011, 31, 14639-14653.	3.6	18
131	From music-beat to heart-beat: A journey in the complex interactions between music, brain and heart. European Journal of Internal Medicine, 2011, 22, 371-374.	2.2	53
132	Temporal coherence and attention in auditory scene analysis. Trends in Neurosciences, 2011, 34, 114-123.	8.6	360
133	Neurophysiological Influence of Musical Training on Speech Perception. Frontiers in Psychology, 2011, 2, 126.	2.1	48

#	Article	IF	CITATIONS
134	Why would Musical Training Benefit the Neural Encoding of Speech? The OPERA Hypothesis. Frontiers in Psychology, 2011, 2, 142.	2.1	408
135	Speech Production as State Feedback Control. Frontiers in Human Neuroscience, 2011, 5, 82.	2.0	312
136	Music and the Auditory Brain: Where is the Connection?. Frontiers in Human Neuroscience, 2011, 5, 106.	2.0	5
137	Toward a Neural Basis of Music Perception – A Review and Updated Model. Frontiers in Psychology, 2011, 2, 110.	2.1	265
138	Predictors of spoken language learning. Journal of Communication Disorders, 2011, 44, 564-567.	1.5	10
139	Short-term plasticity as a neural mechanism supporting memory and attentional functions. Brain Research, 2011, 1422, 66-81.	2.2	62
140	Perception of the Missing Fundamental by Chinchillas in the Presence of Low-Pass Masking Noise. JARO - Journal of the Association for Research in Otolaryngology, 2011, 12, 101-112.	1.8	9
141	Combination of Spectral and Binaurally Created Harmonics in a Common Central Pitch Processor. JARO - Journal of the Association for Research in Otolaryngology, 2011, 12, 253-260.	1.8	8
142	The Frequency Following Response (FFR) May Reflect Pitch-Bearing Information But is Not a Direct Representation of Pitch. JARO - Journal of the Association for Research in Otolaryngology, 2011, 12, 767-782.	1.8	65
143	Understanding How Neural Circuits Measure Pitch. Journal of Neuroscience, 2011, 31, 3141-3142.	3.6	3
144	Tracking Vocal Pitch through Noise: Neural Correlates in Nonprimary Auditory Cortex. Journal of Neuroscience, 2011, 31, 1479-1488.	3.6	7
145	Pitch perception beyond the traditional existence region of pitch. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7629-7634.	7.1	91
146	Predictive Coding and Pitch Processing in the Auditory Cortex. Journal of Cognitive Neuroscience, 2011, 23, 3084-3094.	2.3	61
147	A neurocognitive model of recognition and pitch segregation. Journal of the Acoustical Society of America, 2011, 130, 2845-2854.	1.1	12
148	Non-isomorphism in efficient coding of complex sound properties. Journal of the Acoustical Society of America, 2011, 130, EL352-EL357.	1.1	10
149	Interhemispheric Differences in Auditory Processing Revealed by fMRI in Awake Rhesus Monkeys. Cerebral Cortex, 2012, 22, 838-853.	2.9	50
150	Perception of missing fundamental pitch by 3- and 4-month-old human infants. Journal of the Acoustical Society of America, 2012, 132, 3874-3882.	1.1	20
151	Functional Connectivity and Tuning Curves in Populations of Simultaneously Recorded Neurons. PLoS Computational Biology, 2012, 8, e1002775.	3.2	58

#	Article	IF	CITATIONS
152	Coding of Basic Acoustical and Perceptual Components of Sound in Human Auditory Cortex. Springer Handbook of Auditory Research, 2012, , 165-197.	0.7	4
153	Toward a Theory of Information Processing in Auditory Cortex. Springer Handbook of Auditory Research, 2012, , 351-390.	0.7	10
154	Robustness of Cortical Topography across Fields, Laminae, Anesthetic States, and Neurophysiological Signal Types. Journal of Neuroscience, 2012, 32, 9159-9172.	3.6	196
155	Reexamining the Evidence for a Pitch-Sensitive Region: A Human fMRI Study Using Iterated Ripple Noise. Cerebral Cortex, 2012, 22, 745-753.	2.9	45
156	Tonal Language Processing. Acoustics Today, 2012, 8, 26.	1.0	2
157	Neural Mechanisms for the Abstraction and Use of Pitch Information in Auditory Cortex: Figure 1 Journal of Neuroscience, 2012, 32, 13339-13342.	3.6	33
158	Pitch Perception. Journal of Neuroscience, 2012, 32, 13335-13338.	3.6	118
159	Cortical Mechanisms for Pitch Representation. Journal of Neuroscience, 2012, 32, 13333-13334.	3.6	5
160	Mapping Human Pitch Representation in a Distributed System Using Depth-Electrode Recordings and Modeling. Journal of Neuroscience, 2012, 32, 13348-13351.	3.6	23
161	Dual-Pitch Processing Mechanisms in Primate Auditory Cortex. Journal of Neuroscience, 2012, 32, 16149-16161.	3.6	48
162	Does a pitch center exist in auditory cortex?. Journal of Neurophysiology, 2012, 107, 743-746.	1.8	13
163	Relationship between brainstem, cortical and behavioral measures relevant to pitch salience in humans. Neuropsychologia, 2012, 50, 2849-2859.	1.6	63
164	Sustained BOLD and theta activity in auditory cortex are related to slow stimulus fluctuations rather than to pitch. Journal of Neurophysiology, 2012, 107, 3458-3467.	1.8	17
165	Dynamics of phase-independent spectro-temporal tuning in primary auditory cortex of the awake ferret. Neuroscience, 2012, 214, 28-35.	2.3	3
166	Temporal bone characterization and cochlear implant feasibility in the common marmoset (Callithrix) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
167	MRI-targeted repetitive transcranial magnetic stimulation of Heschl's gyrus for refractory auditory hallucinations. Brain Stimulation, 2012, 5, 577-585.	1.6	48
168	Gamma band pitch responses in human auditory cortex measured with magnetoencephalography. NeuroImage, 2012, 59, 1904-1911.	4.2	32
171	Human Auditory Development. Springer Handbook of Auditory Research. 2012	0.7 —	12 _

#	Article	IF	CITATIONS
172	Scrambling-based speech encryption via compressed sensing. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.7	20
173	The Human Auditory Cortex. Springer Handbook of Auditory Research, 2012, , .	0.7	18
174	Efficient Coding and Statistically Optimal Weighting of Covariance among Acoustic Attributes in Novel Sounds. PLoS ONE, 2012, 7, e30845.	2.5	16
175	An Operant Conditioning Method for Studying Auditory Behaviors in Marmoset Monkeys. PLoS ONE, 2012, 7, e47895.	2.5	55
176	Sequencing the Cortical Processing of Pitch-Evoking Stimuli using EEG Analysis and Source Estimation. Frontiers in Psychology, 2012, 3, 180.	2.1	25
178	Cortical Connections of Auditory Cortex in Marmoset Monkeys: Lateral Belt and Parabelt Regions. Anatomical Record, 2012, 295, 800-821.	1.4	49
179	ERP correlates of pitch error detection in complex Tone and Voice auditory feedback with missing fundamental. Brain Research, 2012, 1448, 89-100.	2.2	7
180	Wireless multi-channel single unit recording in freely moving and vocalizing primates. Journal of Neuroscience Methods, 2012, 203, 28-40.	2.5	76
181	Early processing of pitch in the human auditory system. European Journal of Neuroscience, 2012, 36, 2972-2978.	2.6	29
182	Processing pitch in a nonhuman mammal (Chinchilla laniger) Journal of Comparative Psychology (Washington, D C: 1983), 2013, 127, 142-153.	0.5	31
183	Sparse coding of harmonic vocalization in monkey auditory cortex. Neurocomputing, 2013, 103, 14-21.	5.9	8
184	The Perception of Musical Tones. , 2013, , 1-33.		14
185	Basic Aspects of Hearing. Advances in Experimental Medicine and Biology, 2013, , .	1.6	23
186	Cortical Representation of the Combination of Monaural and Binaural Unmasking. Advances in Experimental Medicine and Biology, 2013, 787, 435-442.	1.6	3
187	The what, where and how of auditory-object perception. Nature Reviews Neuroscience, 2013, 14, 693-707.	10.2	359
188	Coding of vocalizations by single neurons in ventrolateral prefrontal cortex. Hearing Research, 2013, 305, 135-143.	2.0	26
189	From perception to pleasure: Music and its neural substrates. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10430-10437.	7.1	379
190	Multiple subregions in superior temporal cortex are differentially sensitive to vocal expressions: A quantitative meta-analysis. Neuroscience and Biobehavioral Reviews, 2013, 37, 24-35.	6.1	73

#	Article	IF	CITATIONS
191	Left hemisphere lateralization for lexical and acoustic pitch processing in Cantonese speakers as revealed by mismatch negativity. NeuroImage, 2013, 83, 637-645.	4.2	59
192	Chasing sounds. Behavioural Processes, 2013, 93, 111-115.	1.1	5
193	Impact of acoustic coordinated reset neuromodulation on effective connectivity in a neural network of phantom sound. NeuroImage, 2013, 77, 133-147.	4.2	53
194	fMRI in the awake marmoset: Somatosensory-evoked responses, functional connectivity, and comparison with propofol anesthesia. NeuroImage, 2013, 78, 186-195.	4.2	87
195	Auditory Cortex Represents Both Pitch Judgments and the Corresponding Acoustic Cues. Current Biology, 2013, 23, 620-625.	3.9	104
196	Neural Representation of Harmonic Complex Tones in Primary Auditory Cortex of the Awake Monkey. Journal of Neuroscience, 2013, 33, 10312-10323.	3.6	40
197	Evidence for Pitch Chroma Mapping in Human Auditory Cortex. Cerebral Cortex, 2013, 23, 2601-2610.	2.9	22
198	Evidence for distinct human auditory cortex regions for sound location versus identity processing. Nature Communications, 2013, 4, 2585.	12.8	51
199	Cortical Pitch Regions in Humans Respond Primarily to Resolved Harmonics and Are Located in Specific Tonotopic Regions of Anterior Auditory Cortex. Journal of Neuroscience, 2013, 33, 19451-19469.	3.6	149
200	Auditory Frequency and Intensity Discrimination Explained Using a Cortical Population Rate Code. PLoS Computational Biology, 2013, 9, e1003336.	3.2	43
201	A Neurocomputational Model of the Mismatch Negativity. PLoS Computational Biology, 2013, 9, e1003288.	3.2	96
202	The Role of Harmonic Resolvability in Pitch Perception in a Vocal Nonhuman Primate, the Common Marmoset ( <i>Callithrix jacchus</i> ). Journal of Neuroscience, 2013, 33, 9161-9168.	3.6	44
203	Octave effect in auditory attention. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15225-15230.	7.1	14
204	Anatomy and physiology of auditory pathways and cortex. Handbook of Clinical Neurophysiology, 2013, , 25-59.	0.0	5
206	Trastornos de la percepción musical. Revista De OtorrinolaringologÃa Y CirugÃa De Cabeza Y Cuello, 2013, 73, 189-199.	0.0	2
207	Sensory-Motor Interactions for Vocal Pitch Monitoring in Non-Primary Human Auditory Cortex. PLoS ONE, 2013, 8, e60783.	2.5	60
208	Similarity of Cortical Activity Patterns Predicts generalization Behavior. PLoS ONE, 2013, 8, e78607.	2.5	17
209	Color and texture associations in voice-induced synesthesia. Frontiers in Psychology, 2013, 4, 568.	2.1	21

#	Article	IF	Citations
210	Representations of pitch and slow modulation in auditory cortex. Frontiers in Systems Neuroscience, 2013, 7, 62.	2.5	3
211	The harmonic organization of auditory cortex. Frontiers in Systems Neuroscience, 2013, 7, 114.	2.5	49
212	Global timing: a conceptual framework to investigate the neural basis of rhythm perception in humans and non-human species. Frontiers in Psychology, 2014, 5, 159.	2.1	25
213	A spiking neural network model of self-organized pattern recognition in the early mammalian olfactory system. Frontiers in Neural Circuits, 2014, 8, 5.	2.8	21
214	Cortical entrainment to continuous speech: functional roles and interpretations. Frontiers in Human Neuroscience, 2014, 8, 311.	2.0	350
215	Evaluating auditory stream segregation of SAM tone sequences by subjective and objective psychoacoustical tasks, and brain activity. Frontiers in Neuroscience, 2014, 8, 119.	2.8	12
216	An anatomical and functional topography of human auditory cortical areas. Frontiers in Neuroscience, 2014, 8, 225.	2.8	184
217	Is there a tape recorder in your head? How the brain stores and retrieves musical melodies. Frontiers in Systems Neuroscience, 2014, 8, 149.	2.5	21
218	Assessing the effects of temporal coherence on auditory stream formation through comodulation masking release. Journal of the Acoustical Society of America, 2014, 135, 3520-3529.	1.1	15
219	Segregating Complex Sound Sources through Temporal Coherence. PLoS Computational Biology, 2014, 10, e1003985.	3.2	65
220	Perception of the pitch of unresolved harmonics by 3- and 7-month-old human infants. Journal of the Acoustical Society of America, 2014, 136, 760-767.	1.1	13
221	Assessment of tonotopically organised subdivisions in human auditory cortex using volumetric and surfaceâ€based cortical alignments. Human Brain Mapping, 2014, 35, 1544-1561.	3.6	22
222	Effects of Live Sax Music on Various Physiological Parameters, Pain Level, and Mood Level in Cancer Patients. Holistic Nursing Practice, 2014, 28, 301-311.	0.7	35
223	Active Vision in Marmosets: A Model System for Visual Neuroscience. Journal of Neuroscience, 2014, 34, 1183-1194.	3.6	153
224	Pitch coding and pitch processing in the human brain. Hearing Research, 2014, 307, 53-64.	2.0	55
225	Cortical pitch response components index stimulus onset/offset and dynamic features of pitch contours. Neuropsychologia, 2014, 59, 1-12.	1.6	23
226	Differential Coding of Conspecific Vocalizations in the Ventral Auditory Cortical Stream. Journal of Neuroscience, 2014, 34, 4665-4676.	3.6	39
227	Auditory Cortical Processing in Real-World Listening: The Auditory System Going Real. Journal of Neuroscience, 2014, 34, 15135-15138.	3.6	19

#	Article	IF	CITATIONS
228	Attentional modulation of the early cortical representation of speech signals in informational or energetic masking. Brain and Language, 2014, 135, 85-95.	1.6	21
229	Functional organization for musical consonance and tonal pitch hierarchy in human auditory cortex. NeuroImage, 2014, 101, 204-214.	4.2	39
230	Multiscale Optical Ca2+ Imaging of Tonal Organization in Mouse Auditory Cortex. Neuron, 2014, 83, 944-959.	8.1	173
231	The role of the medial temporal limbic system in processing emotions in voice and music. Progress in Neurobiology, 2014, 123, 1-17.	5.7	115
232	Neural Representation of Concurrent Harmonic Sounds in Monkey Primary Auditory Cortex: Implications for Models of Auditory Scene Analysis. Journal of Neuroscience, 2014, 34, 12425-12443.	3.6	20
233	Cortical pitch response components show differential sensitivity to native and nonnative pitch contours. Brain and Language, 2014, 138, 51-60.	1.6	23
234	Thalamic and parietal brain morphology predicts auditory category learning. Neuropsychologia, 2014, 53, 75-83.	1.6	6
235	Sensori-motor synchronisation variability decreases as the number of metrical levels in the stimulus signal increases. Acta Psychologica, 2014, 147, 10-16.	1.5	29
236	Membrane potential dynamics of populations of cortical neurons during auditory streaming. Journal of Neurophysiology, 2015, 114, 2418-2430.	1.8	9
237	The dynamics of neural activation variables. Paladyn, 2015, 6, .	2.7	4
237 238	The dynamics of neural activation variables. Paladyn, 2015, 6, . The neural processing of hierarchical structure in music and speech at different timescales. Frontiers in Neuroscience, 2015, 9, 157.	2.7 2.8	4
237 238 239	The dynamics of neural activation variables. Paladyn, 2015, 6, . The neural processing of hierarchical structure in music and speech at different timescales. Frontiers in Neuroscience, 2015, 9, 157. Behavioral Dependence of Auditory Cortical Responses. Brain Topography, 2015, 28, 365-378.	2.7 2.8 1.8	4 50 22
237 238 239 240	The dynamics of neural activation variables. Paladyn, 2015, 6, .         The neural processing of hierarchical structure in music and speech at different timescales. Frontiers in Neuroscience, 2015, 9, 157.         Behavioral Dependence of Auditory Cortical Responses. Brain Topography, 2015, 28, 365-378.         The multi-channel cochlear implant: Multi-disciplinary development of electrical stimulation of the cochlea and the resulting clinical benefit. Hearing Research, 2015, 322, 4-13.	2.7 2.8 1.8 2.0	4 50 22 60
2337 2338 2339 2440 241	<ul> <li>The dynamics of neural activation variables. Paladyn, 2015, 6, .</li> <li>The neural processing of hierarchical structure in music and speech at different timescales. Frontiers in Neuroscience, 2015, 9, 157.</li> <li>Behavioral Dependence of Auditory Cortical Responses. Brain Topography, 2015, 28, 365-378.</li> <li>The multi-channel cochlear implant: Multi-disciplinary development of electrical stimulation of the cochlea and the resulting clinical benefit. Hearing Research, 2015, 322, 4-13.</li> <li>Role of the auditory system in speech production. Handbook of Clinical Neurology / Edited By PJ Vinken and G W Bruyn, 2015, 129, 161-175.</li> </ul>	2.7 2.8 1.8 2.0 1.8	4 50 22 60 57
2337 2338 2339 2440 241 242	The dynamics of neural activation variables. Paladyn, 2015, 6, .         The neural processing of hierarchical structure in music and speech at different timescales. Frontiers in Neuroscience, 2015, 9, 157.         Behavioral Dependence of Auditory Cortical Responses. Brain Topography, 2015, 28, 365-378.         The multi-channel cochlear implant: Multi-disciplinary development of electrical stimulation of the cochlea and the resulting clinical benefit. Hearing Research, 2015, 322, 4-13.         Role of the auditory system in speech production. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 129, 161-175.         Distinct Cortical Pathways for Music and Speech Revealed by Hypothesis-Free Voxel Decomposition. Neuron, 2015, 88, 1281-1296.	2.7 2.8 1.8 2.0 1.8 8.1	4 50 22 60 57 305
2337 2338 2339 2440 241 242	The dynamics of neural activation variables. Paladyn, 2015, 6, .         The neural processing of hierarchical structure in music and speech at different timescales. Frontiers in Neuroscience, 2015, 9, 157.         Behavioral Dependence of Auditory Cortical Responses. Brain Topography, 2015, 28, 365-378.         The multi-channel cochlear implant: Multi-disciplinary development of electrical stimulation of the cochlea and the resulting clinical benefit. Hearing Research, 2015, 322, 4-13.         Role of the auditory system in speech production. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 129, 161-175.         Distinct Cortical Pathways for Music and Speech Revealed by Hypothesis-Free Voxel Decomposition. Neuron, 2015, 88, 1281-1296.         Representation of pitch chroma by multi-peak spectral tuning in human auditory cortex. NeuroImage, 2015, 106, 161-169.	2.7 2.8 1.8 2.0 1.8 8.1 4.2	4 50 22 60 57 305
<ul> <li>237</li> <li>238</li> <li>239</li> <li>240</li> <li>241</li> <li>242</li> <li>243</li> <li>243</li> </ul>	The dynamics of neural activation variables. Paladyn, 2015, 6, .         The neural processing of hierarchical structure in music and speech at different timescales. Frontiers in Neuroscience, 2015, 9, 157.         Behavioral Dependence of Auditory Cortical Responses. Brain Topography, 2015, 28, 365-378.         The multi-channel cochlear implant: Multi-disciplinary development of electrical stimulation of the cochlea and the resulting clinical benefit. Hearing Research, 2015, 322, 4-13.         Role of the auditory system in speech production. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 129, 161-175.         Distinct Cortical Pathways for Music and Speech Revealed by Hypothesis-Free Voxel Decomposition. Neuron, 2015, 88, 1281-1296.         Representation of pitch chroma by multi-peak spectral tuning in human auditory cortex. NeuroImage, 2015, 106, 161-169.         Creativity and Innovation Among Science and Art., 2015, ,.	2.7 2.8 1.8 2.0 1.8 8.1 4.2	4 50 22 60 57 305 12

#	Article	IF	CITATIONS
246	Anatomic organization of the auditory cortex. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 129, 27-53.	1.8	81
247	Early Auditory Processing. , 2015, , 537-542.		0
248	A biological rationale for musical consonance. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11155-11160.	7.1	85
249	PyNN: a Python API for Neural Network Modelling. , 2015, , 2548-2550.		0
250	Experience-dependent enhancement of pitch-specific responses in the auditory cortex is limited to acceleration rates in normal voice range. Neuroscience, 2015, 303, 433-445.	2.3	9
251	Morris–Lecar Model. , 2015, , 1758-1764.		1
252	Neural Mechanisms Underlying Musical Pitch Perception and Clinical Applications Including Developmental Dyslexia. Current Neurology and Neuroscience Reports, 2015, 15, 51.	4.2	11
253	The Role of Inhibition in a Computational Model of an Auditory Cortical Neuron during the Encoding of Temporal Information. PLoS Computational Biology, 2015, 11, e1004197.	3.2	20
254	Comparative analyses of adeno-associated viral vector serotypes 1, 2, 5, 8 and 9 in marmoset, mouse and macaque cerebral cortex. Neuroscience Research, 2015, 93, 144-157.	1.9	237
255	Auditory cues that drive language development are language specific: Evidence from Cantonese. Applied Psycholinguistics, 2015, 36, 1493-1507.	1.1	14
256	The origins of music in auditory scene analysis and the roles of evolution and culture in musical creation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140089.	4.0	52
257	Neural correlates of auditory scene analysis and perception. International Journal of Psychophysiology, 2015, 95, 238-245.	1.0	18
258	Language experience enhances early cortical pitch-dependent responses. Journal of Neurolinguistics, 2015, 33, 128-148.	1.1	21
259	Neural Models of Motor Speech Control. , 2016, , 725-740.		18
260	Speech Motor Control from a Modern Control Theory Perspective. , 2016, , 221-238.		4
261	Pathways and Streams in the Auditory Cortex. , 2016, , 287-298.		3
262	A Neuronal Network Model for Pitch Selectivity and Representation. Frontiers in Computational Neuroscience, 2016, 10, 57.	2.1	12
263	Individual Differences in the Frequency-Following Response: Relation to Pitch Perception. PLoS ONE, 2016, 11, e0152374.	2.5	33

#	Article	IF	CITATIONS
264	Stimulus Statistics Change Sounds from Near-Indiscriminable to Hyperdiscriminable. PLoS ONE, 2016, 11, e0161001.	2.5	16
265	Spaces in the Brain: From Neurons to Meanings. Frontiers in Psychology, 2016, 7, 1820.	2.1	23
266	A Randomized Controlled Trial of Listening to Recorded Music for Heart Failure Patients. Holistic Nursing Practice, 2016, 30, 102-115.	0.7	8
267	Optogenetic manipulation of neural circuits in awake marmosets. Journal of Neurophysiology, 2016, 116, 1286-1294.	1.8	50
268	The Sensory Neocortex and Associative Memory. Current Topics in Behavioral Neurosciences, 2016, 37, 177-211.	1.7	11
269	Selective Neuronal Activation by Cochlear Implant Stimulation in Auditory Cortex of Awake Primate. Journal of Neuroscience, 2016, 36, 12468-12484.	3.6	29
270	Theta oscillations accompanying concurrent auditory stream segregation. International Journal of Psychophysiology, 2016, 106, 141-151.	1.0	3
271	Neural spike-timing patterns vary with sound shape and periodicity in three auditory cortical fields. Journal of Neurophysiology, 2016, 115, 1886-1904.	1.8	26
272	Effects of Electrical Stimulation in the Inferior Colliculus on Frequency Discrimination by Rhesus Monkeys and Implications for the Auditory Midbrain Implant. Journal of Neuroscience, 2016, 36, 5071-5083.	3.6	9
273	Marmosets: A Neuroscientific Model of Human Social Behavior. Neuron, 2016, 90, 219-233.	8.1	260
274	Intracortical depth analyses of frequency-sensitive regions of human auditory cortex using 7T fMRI. NeuroImage, 2016, 143, 116-127.	4.2	46
275	Importance of spike timing in touch: an analogy with hearing?. Current Opinion in Neurobiology, 2016, 40, 142-149.	4.2	69
276	Intracortical myelination in musicians with absolute pitch: Quantitative morphometry using 7â€∓ MRI. Human Brain Mapping, 2016, 37, 3486-3501.	3.6	33
277	Opportunities and challenges in modeling human brain disorders in transgenic primates. Nature Neuroscience, 2016, 19, 1123-1130.	14.8	115
278	Neural mechanisms for lexical processing in dogs. Science, 2016, 353, 1030-1032.	12.6	144
279	Frequency discrimination in the common marmoset (Callithrix jacchus). Hearing Research, 2016, 341, 1-8.	2.0	14
280	Brain processing of consonance/dissonance in musicians and controls: a hemispheric asymmetry revisited. European Journal of Neuroscience, 2016, 44, 2340-2356.	2.6	28

ARTICLE IF CITATIONS # Generation of transgenic marmosets expressing genetically encoded calcium indicators. Scientific 282 3.3 81 Reports, 2016, 6, 34931. Functional Topography of Human Auditory Cortex. Journal of Neuroscience, 2016, 36, 1416-1428. 3.6 284 The Yin and Yang of Auditory Nerve Damage. Neuron, 2016, 89, 680-682. 8.1 2 Distortion products in auditory fMRI research: Measurements and solutions. NeuroImage, 2016, 129, 401-413. Complex pitch perception mechanisms are shared by humans and a New World monkey. Proceedings of 286 7.1 57 the National Academy of Sciences of the United States of America, 2016, 113, 781-786. Using music to study the evolution of cognitive mechanisms relevant to language. Psychonomic Bulletin and Review, 2017, 24, 177-180. 2.8 Harmonic template neurons in primate auditory cortex underlying complex sound processing. 288 7.1 70 Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E840-E848. Auditory adaptation improves tactile frequency perception. Journal of Neurophysiology, 2017, 117, 1.8 34 1352-1362. Engaging and disengaging recurrent inhibition coincides with sensing and unsensing of a sensory 290 12.8 36 stimulus. Nature Communications, 2017, 8, 15413. Multiscale mapping of frequency sweep rate in mouse auditory cortex. Hearing Research, 2017, 344, 207-222. Representations of Pitch and Timbre Variation in Human Auditory Cortex. Journal of Neuroscience, 292 3.6 73 2017, 37, 1284-1293. A Crucial Test of the Population Separation Model of Auditory Stream Segregation in Macaque 3.6 Primary Auditory Cortex. Journal of Neuroscience, 2017, 37, 10645-10655. Functional magnetic resonance imaging of auditory cortical fields in awake marmosets. NeuroImage, 294 4.2 21 2017, 162, 86-92. Intonational speech prosody encoding in the human auditory cortex. Science, 2017, 357, 797-801. 12.6 Superoptimal Perceptual Integration Suggests a Place-Based Representation of Pitch at High 296 23 3.6 Frequencies. Journal of Neuroscience, 2017, 37, 9013-9021. Primate Audition: Reception, Perception, and Ecology. Springer Handbook of Auditory Research, 2017, , Bidirectional Shifting Effects of the Sound Intensity on the Best Frequency in the Rat Auditory 298 3.3 9 Cortex. Scientific Reports, 2017, 7, 44493. Subcortical and cortical correlates of pitch discrimination: Evidence for two levels of 299 4.2 neuroplasticity in musicians. NeuroImage, 2017, 163, 398-412.

#	Article	IF	CITATIONS
300	Why marmosets?. Developmental Neurobiology, 2017, 77, 237-243.	3.0	25
301	Anatomical and functional neuroimaging in awake, behaving marmosets. Developmental Neurobiology, 2017, 77, 373-389.	3.0	35
302	Evolution of Auditory Cortex in Primates. , 2017, , 331-342.		0
303	The Contribution of Brainstem and Cerebellar Pathways to Auditory Recognition. Frontiers in Psychology, 2017, 08, 265.	2.1	20
304	Music of the 7Ts: Predicting and Decoding Multivoxel fMRI Responses with Acoustic, Schematic, and Categorical Music Features. Frontiers in Psychology, 2017, 8, 1179.	2.1	22
305	Perception des intervalles harmoniques et apprentissage perceptuel. Revue Musicale OICRM, 2017, 4, 17-43.	0.1	0
306	The Evolution of Auditory Cortex in Humans. , 2017, , 293-299.		1
307	Perceptual Learning of Pitch Direction in Congenital Amusia. Music Perception, 2017, 34, 335-351.	1.1	20
308	Autistic Traits and Enhanced Perceptual Representation of Pitch and Time. Journal of Autism and Developmental Disorders, 2018, 48, 1350-1358.	2.7	26
309	Impairment of the Missing Fundamental Phenomenon in Individuals with Alzheimer's Disease: A Neuropsychological and Voxel-Based Morphometric Study. Dementia and Geriatric Cognitive Disorders Extra, 2018, 8, 23-32.	1.3	1
311	A Surgical Procedure for the Administration of Drugs to the Inner Ear in a Non-Human Primate Common Marmoset ( <em>Callithrix jacchus</em> ). Journal of Visualized Experiments, 2018, ,	0.3	1
312	Learning Midlevel Auditory Codes from Natural Sound Statistics. Neural Computation, 2018, 30, 631-669.	2.2	40
313	Neural processes of vocal social perception: Dog-human comparative fMRI studies. Neuroscience and Biobehavioral Reviews, 2018, 85, 54-64.	6.1	27
314	Behavioral Neuroscience of Learning and Memory. Current Topics in Behavioral Neurosciences, 2018, ,	1.7	9
315	A Conceptual Framework Encompassing the Psychoneuroimmunoendocrinological Influences of Listening to Music in Patients With Heart Failure. Holistic Nursing Practice, 2018, 32, 81-89.	0.7	8
316	How We Hear: The Perception and Neural Coding of Sound. Annual Review of Psychology, 2018, 69, 27-50.	17.7	98
317	Cortical processing of pitch: Model-based encoding and decoding of auditory fMRI responses to real-life sounds. Neurolmage, 2018, 180, 291-300.	4.2	40
318	Diversity in pitch perception revealed by task dependence. Nature Human Behaviour, 2018, 2, 52-66.	12.0	52

#	Article	IF	CITATIONS
319	Organization of auditory areas in the superior temporal gyrus of marmoset monkeys revealed by real-time optical imaging. Brain Structure and Function, 2018, 223, 1599-1614.	2.3	17
320	Contextual modulation of sound processing in the auditory cortex. Current Opinion in Neurobiology, 2018, 49, 8-15.	4.2	33
321	Sound Frequency Representation in the Auditory Cortex of the Common Marmoset Visualized Using Optical Intrinsic Signal Imaging. ENeuro, 2018, 5, ENEURO.0078-18.2018.	1.9	18
322	Pitch of Harmonic Complex Tones: Rate Coding of Envelope Repetition Rate in the Auditory Midbrain. Acta Acustica United With Acustica, 2018, 104, 860-864.	0.8	2
323	Temporal Coding of Voice Pitch Contours in Mandarin Tones. Frontiers in Neural Circuits, 2018, 12, 55.	2.8	9
324	Cortical markers of auditory stream segregation revealed for streaming based on tonotopy but not pitch. Journal of the Acoustical Society of America, 2018, 144, 2424-2433.	1.1	4
325	Methods for chair restraint and training of the common marmoset on oculomotor tasks. Journal of Neurophysiology, 2018, 119, 1636-1646.	1.8	65
326	Ultrasonic Components of Vocalizations in Marmosets. Handbook of Behavioral Neuroscience, 2018, 25, 535-544.	0.7	3
327	Neuronal Correlates of Auditory Streaming in Monkey Auditory Cortex for Tone Sequences without Spectral Differences. Frontiers in Integrative Neuroscience, 2018, 12, 4.	2.1	3
328	Of Men and Mice: Modeling the Fragile X Syndrome. Frontiers in Molecular Neuroscience, 2018, 11, 41.	2.9	97
329	Where did language come from? Precursor mechanisms in nonhuman primates. Current Opinion in Behavioral Sciences, 2018, 21, 195-204.	3.9	26
330	Cortical Coding of Auditory Features. Annual Review of Neuroscience, 2018, 41, 527-552.	10.7	45
331	A "voice patch―system in the primate brain for processing vocal information?. Hearing Research, 2018, 366, 65-74.	2.0	30
332	Direct electrophysiological mapping of human pitch-related processing in auditory cortex. NeuroImage, 2019, 202, 116076.	4.2	19
333	The distribution and nature of responses to broadband sounds associated with pitch in the macaque auditory cortex. Cortex, 2019, 120, 340-352.	2.4	8
334	Brain dynamics and connectivity networks under natural auditory stimulation. NeuroImage, 2019, 202, 116042.	4.2	4
335	DC Shifts-fMRI: A Supplement to Event-Related fMRI. Frontiers in Computational Neuroscience, 2019, 13, 37.	2.1	1
336	Short- and long-term memory for pitch and non-pitch contours: Insights from congenital amusia. Brain and Cognition, 2019, 136, 103614.	1.8	23

		REPORT	
#	Article	IF	CITATIONS
337	Cortical mechanisms of spatial hearing. Nature Reviews Neuroscience, 2019, 20, 609-623.	10.2	51
338	Universal and Non-universal Features of Musical Pitch Perception Revealed by Singing. Current Biology, 2019, 29, 3229-3243.e12.	3.9	59
339	Activity Correlations between Direction-Selective Retinal Ganglion Cells Synergistically Enhance Motion Decoding from Complex Visual Scenes. Neuron, 2019, 101, 963-976.e7.	8.1	22
340	Divergence in the functional organization of human and macaque auditory cortex revealed by fMRI responses to harmonic tones. Nature Neuroscience, 2019, 22, 1057-1060.	14.8	43
341	Modeling and MEG evidence of early consonance processing in auditory cortex. PLoS Computational Biology, 2019, 15, e1006820.	3.2	13
342	Sensitivity to Vocalization Pitch in the Caudal Auditory Cortex of the Marmoset: Comparison of Core and Belt Areas. Frontiers in Systems Neuroscience, 2019, 13, 5.	2.5	8
343	Pitch of harmonic complex tones: rate and temporal coding of envelope repetition rate in inferior colliculus of unanesthetized rabbits. Journal of Neurophysiology, 2019, 122, 2468-2485.	1.8	9
344	Effects of Virtual Reality in Patients Undergoing Dialysis. Holistic Nursing Practice, 2019, 33, 327-337.	0.7	11
345	Decoding speech from spike-based neural population recordings in secondary auditory cortex of non-human primates. Communications Biology, 2019, 2, 466.	4.4	25
346	Distributed representation of vocalization pitch in marmoset primary auditory cortex. European Journal of Neuroscience, 2019, 49, 179-198.	2.6	4
347	Marmosets in Auditory Research. , 2019, , 451-475.		6
348	Electro-Tactile Stimulation Enhances Cochlear-Implant Melody Recognition: Effects of Rhythm and Musical Training. Ear and Hearing, 2020, 41, 106-113.	2.1	18
349	Auditory Selectivity for Spectral Contrast in Cortical Neurons and Behavior. Journal of Neuroscience, 2020, 40, 1015-1027.	3.6	12
350	Let's talk about pain and opioids: Low pitch and creak in medical consultations. Discourse Studies, 2020, 22, 174-204.	1.3	7
351	Pitch Syntax as an Evolutionary Prelingual Innovation. Musicae Scientiae, 2022, 26, 280-302.	2.9	2
352	Time-dependent discrimination advantages for harmonic sounds suggest efficient coding for memory. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32169-32180.	7.1	22
353	Functional Brain Networks Underlying Auditory Saliency During Naturalistic Listening Experience. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 156-163.	3.8	2
354	<i>ASPM</i> -lexical tone association in speakers of a tone language: Direct evidence for the genetic-biasing hypothesis of language evolution. Science Advances, 2020, 6, eaba5090.	10.3	24

# 355	ARTICLE Neural Synchrony Gives Rise to Amplitude- and Duration-Invariant Encoding Consistent With Perception of Natural Communication Stimuli. Frontiers in Neuroscience, 2020, 14, 79.	IF 2.8	CITATIONS
356	The musical brain. , 2020, , 1-40.		1
357	The Evolution of Auditory Cortex in Humans. , 2020, , 891-898.		0
358	Intrinsic network architecture predicts the effects elicited by intracranial electrical stimulation of the human brain. Nature Human Behaviour, 2020, 4, 1039-1052.	12.0	64
359	Auditory and tactile frequency representations are co-embedded in modality-defined cortical sensory systems. NeuroImage, 2020, 215, 116837.	4.2	15
360	Speech frequency-following response in human auditory cortex is more than a simple tracking. NeuroImage, 2021, 226, 117545.	4.2	15
361	Speech compensation responses and sensorimotor adaptation to formant feedback perturbations. Journal of the Acoustical Society of America, 2021, 149, 1147-1161.	1.1	13
362	Information diversity in individual auditory cortical neurons is associated with functionally distinct coordinated neuronal ensembles. Scientific Reports, 2021, 11, 4064.	3.3	2
363	Neurocognitive processing efficiency for discriminating human non-alarm rather than alarm scream calls. PLoS Biology, 2021, 19, e3000751.	5.6	4
365	The Impact of Pitch on Tempo-Spatial Accuracy and Precision in Intercepting a Virtually Moving Ball. Journal of Motor Behavior, 2022, 54, 158-172.	0.9	4
367	Inhibitory gating of coincidence-dependent sensory binding in secondary auditory cortex. Nature Communications, 2021, 12, 4610.	12.8	14
368	Distinct neuron populations for simple and compound calls in the primary auditory cortex of awake marmosets. National Science Review, 2021, 8, nwab126.	9.5	11
369	Causal Relationship between the Right Auditory Cortex and Speech-Evoked Envelope-Following Response: Evidence from Combined Transcranial Stimulation and Electroencephalography. Cerebral Cortex, 2022, 32, 1437-1454.	2.9	2
370	Lemniscal Corticothalamic Feedback in Auditory Scene Analysis. Frontiers in Neuroscience, 2021, 15, 723893.	2.8	6
371	Functional neuroimaging in hearing research and audiology. Zeitschrift Fur Medizinische Physik, 2021, 31, 289-304.	1.5	1
372	Parallel and distributed encoding of speech across human auditory cortex. Cell, 2021, 184, 4626-4639.e13.	28.9	103
373	Infant Pitch and Timbre Discrimination in the Presence of Variation in the Other Dimension. JARO - Journal of the Association for Research in Otolaryngology, 2021, 22, 693-702.	1.8	6
374	Longitudinal auditory pathophysiology following mild blast-induced trauma. Journal of Neurophysiology, 2021, 126, 1172-1189.	1.8	7

#	Article	IF	CITATIONS
375	Context-dependent Plasticity and Strength of Subcortical Encoding of Musical Sounds Independently Underlie Pitch Discrimination for Music Melodies. Neuroscience, 2021, 472, 68-89.	2.3	0
376	Cortical hemisphere preference and brainstem ear asymmetry reflect experience-dependent functional modulation of pitch. Brain and Language, 2021, 221, 104995.	1.6	0
378	Temporal Coding in Auditory Cortex. , 2011, , 309-328.		8
379	Communication Sounds and their Cortical Representation. , 2011, , 343-367.		7
380	The Evolution of Auditory Cortex: The Core Areas. , 2011, , 407-427.		29
381	A Profile of Auditory Forebrain Connections and Circuits. , 2011, , 41-74.		10
382	The Avian Auditory Pallium. , 2011, , 429-442.		3
383	The Relationship of Auditory Cortical Activity to Perception and Behavior. , 2011, , 617-641.		14
384	Processing Strategies in Auditory Cortex: Comparison with Other Sensory Modalities. , 2011, , 643-656.		2
385	Cortical Speech and Music Processes Revealed by Functional Neuroimaging. , 2011, , 657-677.		9
386	Development of Pitch and Music Perception. Springer Handbook of Auditory Research, 2012, , 223-254.	0.7	14
387	Cortical Processing of Music. Springer Handbook of Auditory Research, 2012, , 261-294.	0.7	18
388	Auditory Object Analysis. Springer Handbook of Auditory Research, 2012, , 199-223.	0.7	5
389	Cortex: Way Station or Locus of the Tinnitus Percept?. Springer Handbook of Auditory Research, 2012, , 137-162.	0.7	1
390	Pitch and Pitch Perception. Springer Handbooks, 2018, , 605-685.	0.6	8
391	Vocalizations as Auditory Objects: Behavior and Neurophysiology. , 2010, , 237-255.		14
392	Infant crying and the synchrony of arousal. , 2013, , 155-174.		16
398	RECURRENT SELF-ORGANIZATION OF SENSORY SIGNALS IN THE AUDITORY DOMAIN. , 2008, , .		2

#	Article	IF	CITATIONS
399	What Can Multisensory Processing Tell Us about the Functional Organization of Auditory Cortex?. Frontiers in Neuroscience, 2011, , 31-48.	0.0	2
400	Noise-invariant Neurons in the Avian Auditory Cortex: Hearing the Song in Noise. PLoS Computational Biology, 2013, 9, e1002942.	3.2	62
401	Learning Pitch with STDP: A Computational Model of Place and Temporal Pitch Perception Using Spiking Neural Networks. PLoS Computational Biology, 2016, 12, e1004860.	3.2	6
402	A New Approach to Model Pitch Perception Using Sparse Coding. PLoS Computational Biology, 2017, 13, e1005338.	3.2	6
403	An Auditory Neural Correlate Suggests a Mechanism Underlying Holistic Pitch Perception. PLoS ONE, 2007, 2, e369.	2.5	19
404	Neural Responses in the Primary Auditory Cortex of Freely Behaving Cats While Discriminating Fast and Slow Click-Trains. PLoS ONE, 2011, 6, e25895.	2.5	45
405	The Derived Allele of ASPM Is Associated with Lexical Tone Perception. PLoS ONE, 2012, 7, e34243.	2.5	24
406	Neural Resolution of Formant Frequencies in the Primary Auditory Cortex of Rats. PLoS ONE, 2015, 10, e0134078.	2.5	4
407	High-Field Functional Imaging of Pitch Processing in Auditory Cortex of the Cat. PLoS ONE, 2015, 10, e0134362.	2.5	14
408	Effects of Sound Frequency on Audiovisual Integration: An Event-Related Potential Study. PLoS ONE, 2015, 10, e0138296.	2.5	20
409	Attentional and Contextual Priors in Sound Perception. PLoS ONE, 2016, 11, e0149635.	2.5	4
410	How regularity representations of short sound patterns that are based on relative or absolute pitch information establish over time: An EEG study. PLoS ONE, 2017, 12, e0176981.	2.5	9
411	Neural Representation of Concurrent Vowels in Macaque Primary Auditory Cortex. ENeuro, 2016, 3, ENEURO.0071-16.2016.	1.9	9
412	Catégorisation asymétrique de séquences de hauteurs musicales. Annee Psychologique, 2008, 108, 589.	0.3	1
413	Neural correlations enable invariant coding and perception of natural stimuli in weakly electric fish. ELife, 2016, 5, .	6.0	38
414	Stimulus background influences phase invariant coding by correlated neural activity. ELife, 2017, 6, .	6.0	16
415	Across-species differences in pitch perception are consistent with differences in cochlear filtering. ELife, 2019, 8, .	6.0	27
417	Brain cells tune in to music. Nature, 0, , .	27.8	1

# 418	ARTICLE Searching for a Pitch Centre in Human Auditory Cortex. , 2007, , 83-93.	IF	CITATIONS 2
420	Imaging Temporal Pitch Processing in the Auditory Pathway. , 2007, , 95-105.		0
421	A saliency-based auditory attention model with applications to unsupervised prominent syllable detection in speech. , 0, , .		34
422	The Auditory Cortex: The Final Frontier. Springer Handbook of Auditory Research, 2010, , 97-127.	0.7	0
423	The Harmonic Organization of Auditory Cortex. , 2010, , 211-222.		0
424	The Representation of the Pitch of Vowel Sounds in Ferret Auditory Cortex. , 2010, , 407-416.		0
426	23 Language. , 2011, , 625-665.		0
427	24 Mind and Brain (Body). , 2011, , 666-677.		0
428	20 Intentionality and Conceptualization. , 2011, , 573-593.		0
429	25 Final Philosophical Remarks. , 2011, , 678-687.		0
430	8 The Organism as a Semiotic and Cybernetic System. , 2011, , 248-274.		0
431	19 What Symbols Are. , 2011, , 562-572.		0
432	22 Development and Culture. , 2011, , 604-624.		0
433	17 Memory. , 2011, , 494-512.		0
434	14 Decisional, Emotional, and Cognitive Systems. , 2011, , 440-460.		0
435	16 Learning. , 2011, , 479-493.		0
436	5 Dealing with Target Motion and Our Own Movement. , 2011, , 135-150.		0
437	15 Behavior. , 2011, , 461-478.		Ο

#	Article	IF	CITATIONS
438	9 Phylogeny. , 2011, , 275-316.		0
439	10 Ontogeny. , 2011, , 317-334.		0
440	13 The Brain as an Information ontrol System. , 2011, , 423-439.		0
441	21 Consciousness. , 2011, , 594-603.		0
442	4 Vision. , 2011, , 104-134.		0
443	18 The Basic Symbolic Systems. , 2011, , 515-561.		0
444	3 The Brain: An Outlook. , 2011, , 66-103.		0
445	11 Epigeny. , 2011, , 335-377.		0
446	6 Complexity: A Necessary Condition. , 2011, , 153-197.		0
447	7 General Features of Life. , 2011, , 198-247.		0
448	12 Representational Semiotics. , 2011, , 378-422.		0
450	1 Quantum Mechanics as a General Framework. , 2011, , 7-32.		0
451	2 Quantum and Classical Information and Entropy. , 2011, , 33-65.		0
452	What Can Multisensory Processing Tell Us about the Functional Organization of Auditory Cortex?. Frontiers in Neuroscience, 2011, , 31-48.	0.0	1
453	Visualizing Myeloarchitecture In Vivo with Magnetic Resonance Imaging in Common Marmosets (Callithrix jacchus). , 2013, , 221-237.		0
454	Rapid Integration Across Tonotopy by Individual Auditory Brainstem Octopus Cells. Springer Series in Computational Neuroscience, 2014, , 223-243.	0.3	0
455	Pitch Perception, Models. , 2014, , 1-5.		0
456	Music Processing in the Brain. , 2014, , 1-34.		2

#	ARTICLE Physiological Acoustics. , 2014, , 445-473.	IF	CITATIONS
458	Music Processing in the Brain. , 2015, , 1808-1837.		0
459	The Neurology of Creativity: Focus on Music. , 2015, , 3-52.		0
461	Information Maximization in a Feedforward Network Replicates the Stimulus Preference of the Medial Geniculate and the Auditory Cortex. Lecture Notes in Computer Science, 2016, , 183-190.	1.3	1
462	Auditorisches System und weitere Wahrnehmungssysteme. , 2017, , 157-196.		0
465	Music in healthy and diseased brain. Engrami, 2018, 40, 28-43.	0.1	0
469	Absolute Pitch Acquisition as Memory System with Its' Musical Executive Function from Cognitive Neuropsychological Perspective. Asian Journal of Humanities and Social Studies, 2019, 7, .	0.2	0
476	Coding of Spectral Information. , 2020, , 681-690.		0
480	Linking Cortical Spike Pattern Codes to Auditory Perception. Journal of Cognitive Neuroscience, 2008, 20, 135-152.	2.3	13
481	Imaging in Audiology. , 2009, , 339-361.		0
482	Customised Cytoarchitectonic Probability Maps Using Deformable Registration: Primary Auditory Cortex. , 2007, 10, 760-768.		5
483	Visualizing Myeloarchitecture In Vivo with Magnetic Resonance Imaging in Common Marmosets (Callithrix jacchus). , 2013, , 221-237.		0
486	Pitch perception at very high frequencies: On psychometric functions and integration of frequency information. Journal of the Acoustical Society of America, 2020, 148, 3322-3333.	1.1	9
489	LANGUAGE EXPERIENCE SHAPES PROCESSING OF PITCH RELEVANT INFORMATION IN THE HUMAN BRAINSTEM AND AUDITORY CORTEX: ELECTROPHYSIOLOGICAL EVIDENCE. Acoustics Australia, 2014, 42, 166-178.	2.4	12
490	Distinct Representations of Tonotopy and Pitch in Human Auditory Cortex. Journal of Neuroscience, 2022, 42, 416-434.	3.6	11
491	Effects of Cortical Cooling on Sound Processing in Auditory Cortex and Thalamus of Awake Marmosets. Frontiers in Neural Circuits, 2021, 15, 786740.	2.8	2
492	Rabbits use both spectral and temporal cues to discriminate the fundamental frequency of harmonic complexes with missing fundamentals. Journal of Neurophysiology, 2022, 127, 290-312.	1.8	4
494	An open-source tool for automated analysis of breathing behaviors in common marmosets and rodents. ELife, 2022, 11, .	6.0	4

#	Article	IF	CITATIONS
496	MEG correlates of temporal regularity relevant to pitch perception in human auditory cortex. NeuroImage, 2022, 249, 118879.	4.2	3
497	Deep neural network models reveal interplay of peripheral coding and stimulus statistics in pitch perception. Nature Communications, 2021, 12, 7278.	12.8	31
498	A novel hardware-efficient auditory neuron model based on ergodic cellular automaton and its first pitch-shift effect. Nonlinear Theory and Its Applications IEICE, 2022, 13, 391-396.	0.6	3
499	Cortical Representation of Speech Sounds: Insights from Intracranial Electrophysiology. Springer Handbook of Auditory Research, 2022, , 45-79.	0.7	1
500	Constructing the hierarchy of predictive auditory sequences in the marmoset brain. ELife, 2022, 11, .	6.0	22
501	Human discrimination and modeling of high-frequency complex tones shed light on the neural codes for pitch. PLoS Computational Biology, 2022, 18, e1009889.	3.2	2
502	Music in the brain. Nature Reviews Neuroscience, 2022, 23, 287-305.	10.2	116
511	Signatures of cochlear processing in neuronal coding of auditory information. Molecular and Cellular Neurosciences, 2022, 120, 103732.	2.2	4
512	The Effects of Attention on the Syllable-Induced Prepulse Inhibition of the Startle Reflex and Cortical EEG Responses against Energetic or Informational Masking in Humans. Brain Sciences, 2022, 12, 660.	2.3	2
513	A Music Cognition–Guided Framework for Multi-pitch Estimation. Cognitive Computation, 2023, 15, 23-35.	5.2	3
514	Pitch Perception, Models. , 2022, , 2808-2811.		0
515	Music Processing in the Brain. , 2022, , 2146-2175.		0
522	Cortical tracking of voice pitch in the presence of multiple speakers depends on selective attention. Frontiers in Neuroscience, 0, 16, .	2.8	7
523	Role of perceptual integration in pitch discrimination at high frequencies. JASA Express Letters, 2022, 2, .	1.1	2
525	A Novel Rapid Assessment of Mental Stress by Using PPG Signals Based on Deep Learning. IEEE Sensors Journal, 2022, 22, 21232-21239.	4.7	2
526	Consonance and dissonance perception. A critical review of the historical sources, multidisciplinary findings, and main hypotheses. Physics of Life Reviews, 2022, 43, 273-304.	2.8	18
527	A radiofrequency coil to facilitate task-based fMRI of awake marmosets. Journal of Neuroscience Methods, 2023, 383, 109737.	2.5	14
528	Dog and human neural sensitivity to voicelikeness: A comparative fMRI study. NeuroImage, 2023, 265, 119791.	4.2	2

	CITATION R	ITATION REPORT		
#	Article	IF	CITATIONS	
529	Relative pitch representations and invariance to timbre. Cognition, 2023, 232, 105327.	2.2	5	
530	Neuroimaging evidence for the direct role of auditory scene analysis in object perception. Cerebral Cortex, 2023, 33, 6257-6272.	2.9	0	
531	Cortical representation of musical pitch in event-related potentials. Biomedical Engineering Letters, 2023, 13, 441-454.	4.1	1	
532	Sound localization acuity of the common marmoset (Callithrix jacchus). Hearing Research, 2023, 430, 108722.	2.0	3	
533	Sensitivity to Frequency Modulation is Limited Centrally. Journal of Neuroscience, 0, , JN-RM-0995-22.	3.6	0	
534	Vocal similarity theory and the biology of musical tonality. Physics of Life Reviews, 2023, 46, 46-51.	2.8	2	
535	Distribution of multiunit pitch responses recorded intracranially from human auditory cortex. Cerebral Cortex, 0, , .	2.9	0	
536	A small, but vocal, brain. Cell Reports, 2023, 42, 112651.	6.4	2	
537	Segregation and integration of sensory features by flexible temporal characteristics of independent neural representations. Cerebral Cortex, 0, , .	2.9	0	
539	A Novel Integrated Cochlear Model based on Ergodic Sequential Logic Dynamics: Reproduction of Mammalian Nonlinear Sound Processing and Efficient FPGA Implementation. , 2023, , .		0	
543	Benefits of Harmonicity for Hearing in Noise Are Limited to Detection and Pitch-Related Discrimination Tasks. Biology, 2023, 12, 1522.	2.8	0	
545	Spontaneous emergence of rudimentary music detectors in deep neural networks. Nature Communications, 2024, 15, .	12.8	0	
546	Encoding of melody in the human auditory cortex. Science Advances, 2024, 10, .	10.3	0	
547	Evolutionary continuity and divergence of auditory dorsal and ventral pathways in primates revealed by ultra-high field diffusion MRI. Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, .	7.1	0	
548	Neural activity and sound impression induced by virtual bass for individuals who prefer bass-heavy audio. Applied Acoustics, 2024, 219, 109927.	3.3	0	
549	Representational maps in the brain: concepts, approaches, and applications. Frontiers in Cellular Neuroscience, 0, 18, .	3.7	0	