

# Andrew J King

## List of Publications by Citations

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167  
papers

7,038  
citations

51  
h-index

78  
g-index

251  
ext. papers

8,135  
ext. citations

7  
avg, IF

6.16  
L-index

#	Paper	IF	Citations
167	Physiological and anatomical evidence for multisensory interactions in auditory cortex. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 2172-89	5.1	260
166	Integration of visual and auditory information in bimodal neurones in the guinea-pig superior colliculus. <i>Experimental Brain Research</i> , <b>1985</b> , 60, 492-500	2.3	260
165	The descending corticocollicular pathway mediates learning-induced auditory plasticity. <i>Nature Neuroscience</i> , <b>2010</b> , 13, 253-60	25.5	235
164	Developmental plasticity in the visual and auditory representations in the mammalian superior colliculus. <i>Nature</i> , <b>1988</b> , 332, 73-6	50.4	203
163	Contrast gain control in auditory cortex. <i>Neuron</i> , <b>2011</b> , 70, 1178-91	13.9	166
162	Functional organization of ferret auditory cortex. <i>Cerebral Cortex</i> , <b>2005</b> , 15, 1637-53	5.1	161
161	The representation of auditory space in the mammalian superior colliculus. <i>Nature</i> , <b>1982</b> , 299, 248-9	50.4	136
160	Adaptation to stimulus statistics in the perception and neural representation of auditory space. <i>Neuron</i> , <b>2010</b> , 66, 937-48	13.9	128
159	Training-induced plasticity of auditory localization in adult mammals. <i>PLoS Biology</i> , <b>2006</b> , 4, e71	9.7	126
158	Interdependent encoding of pitch, timbre, and spatial location in auditory cortex. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 2064-75	6.6	125
157	Unraveling the principles of auditory cortical processing: can we learn from the visual system?. <i>Nature Neuroscience</i> , <b>2009</b> , 12, 698-701	25.5	124
156	Encoding stimulus information by spike numbers and mean response time in primary auditory cortex. <i>Journal of Computational Neuroscience</i> , <b>2005</b> , 19, 199-221	1.4	122
155	Cells responsive to free-field auditory stimuli in guinea-pig superior colliculus: distribution and response properties. <i>Journal of Physiology</i> , <b>1983</b> , 342, 361-81	3.9	121
154	Learning to hear: plasticity of auditory cortical processing. <i>Current Opinion in Neurobiology</i> , <b>2007</b> , 17, 456-64	7.6	113
153	The ferret auditory cortex: descending projections to the inferior colliculus. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 475-91	5.1	110
152	Linear processing of spatial cues in primary auditory cortex. <i>Nature</i> , <b>2001</b> , 414, 200-4	50.4	103
151	Adaptive reweighting of auditory localization cues in response to chronic unilateral earplugging in humans. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 4883-94	6.6	101

150	Visual-auditory spatial processing in auditory cortical neurons. <i>Brain Research</i> , <b>2008</b> , 1242, 24-36	3.7	99
149	Plasticity in the neural coding of auditory space in the mammalian brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 11821-8	11.5	95
148	Constructing noise-invariant representations of sound in the auditory pathway. <i>PLoS Biology</i> , <b>2013</b> , 11, e1001710	9.7	93
147	The superior colliculus. <i>Current Biology</i> , <b>2004</b> , 14, R335-8	6.3	90
146	Visual influences on auditory spatial learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 364, 331-9	5.8	89
145	Changes induced in the representation of auditory space in the superior colliculus by rearing ferrets with binocular eyelid suture. <i>Experimental Brain Research</i> , <b>1993</b> , 94, 444-55	2.3	83
144	Multiplexed and robust representations of sound features in auditory cortex. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 14565-76	6.6	82
143	Multisensory integration: strategies for synchronization. <i>Current Biology</i> , <b>2005</b> , 15, R339-41	6.3	81
142	Auditory cortex represents both pitch judgments and the corresponding acoustic cues. <i>Current Biology</i> , <b>2013</b> , 23, 620-5	6.3	78
141	Auditory brainstem projections to the ferret superior colliculus: Anatomical contribution to the neural coding of sound azimuth. <i>Journal of Comparative Neurology</i> , <b>1998</b> , 390, 342-365	3.4	78
140	Functional connectivity between the superficial and deeper layers of the superior colliculus: an anatomical substrate for sensorimotor integration. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 6596-607	6.6	76
139	Neural ensemble codes for stimulus periodicity in auditory cortex. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 5078-91	6.6	75
138	Plasticity of auditory maps in the brain. <i>Trends in Neurosciences</i> , <b>1991</b> , 14, 31-7	13.3	75
137	Improved auditory spatial acuity in visually deprived ferrets. <i>European Journal of Neuroscience</i> , <b>1999</b> , 11, 3945-56	3.5	74
136	Conductive hearing loss produces a reversible binaural hearing impairment. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 8704-11	6.6	73
135	The shape of ears to come: dynamic coding of auditory space. <i>Trends in Cognitive Sciences</i> , <b>2001</b> , 5, 261-270		72
134	Cortical modulation of auditory processing in the midbrain. <i>Frontiers in Neural Circuits</i> , <b>2012</b> , 6, 114	3.5	71
133	Visual influences on ferret auditory cortex. <i>Hearing Research</i> , <b>2009</b> , 258, 55-63	3.9	67

132	Effects of eye position on auditory localization and neural representation of space in superior colliculus of cats. <i>Experimental Brain Research</i> , <b>1995</b> , 104, 402-8	2.3	66
131	An investigation of the role of auditory cortex in sound localization using muscimol-releasing Elvax. <i>European Journal of Neuroscience</i> , <b>2004</b> , 19, 3059-72	3.5	65
130	Signals from the superficial layers of the superior colliculus enable the development of the auditory space map in the deeper layers. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 9394-408	6.6	65
129	Large-scale organization of ferret auditory cortex revealed using continuous acquisition of intrinsic optical signals. <i>Journal of Neurophysiology</i> , <b>2004</b> , 92, 2574-88	3.2	64
128	Developmental plasticity of spatial hearing following asymmetric hearing loss: context-dependent cue integration and its clinical implications. <i>Frontiers in Systems Neuroscience</i> , <b>2013</b> , 7, 123	3.5	60
127	Stimulus-timing-dependent plasticity of cortical frequency representation. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 13629-39	6.6	60
126	Physiological and behavioral studies of spatial coding in the auditory cortex. <i>Hearing Research</i> , <b>2007</b> , 229, 106-15	3.9	59
125	Cortical processing of complex sound: a way forward?. <i>Trends in Neurosciences</i> , <b>2004</b> , 27, 181-5	13.3	59
124	A monaural space map in the guinea-pig superior colliculus. <i>Hearing Research</i> , <b>1985</b> , 17, 267-80	3.9	57
123	Coding for auditory space in the nucleus of the brachium of the inferior colliculus in the ferret. <i>Journal of Neurophysiology</i> , <b>1997</b> , 78, 2717-31	3.2	56
122	Encoding of virtual acoustic space stimuli by neurons in ferret primary auditory cortex. <i>Journal of Neurophysiology</i> , <b>2005</b> , 93, 3489-503	3.2	56
121	Lesions of the auditory cortex impair azimuthal sound localization and its recalibration in ferrets. <i>Journal of Neurophysiology</i> , <b>2010</b> , 103, 1209-25	3.2	55
120	Responses of auditory cortex to complex stimuli: functional organization revealed using intrinsic optical signals. <i>Journal of Neurophysiology</i> , <b>2008</b> , 99, 1928-41	3.2	55
119	Multisensory integration: perceptual grouping by eye and ear. <i>Current Biology</i> , <b>2001</b> , 11, R322-5	6.3	55
118	Acoustic factors govern developmental sharpening of spatial tuning in the auditory cortex. <i>Nature Neuroscience</i> , <b>2003</b> , 6, 981-8	25.5	54
117	Effects of altering spectral cues in infancy on horizontal and vertical sound localization by adult ferrets. <i>Journal of Neurophysiology</i> , <b>1999</b> , 82, 2294-309	3.2	53
116	Spectrotemporal contrast kernels for neurons in primary auditory cortex. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 11271-84	6.6	51
115	Sound localization behavior in ferrets: comparison of acoustic orientation and approach-to-target responses. <i>Neuroscience</i> , <b>2008</b> , 154, 397-408	3.9	49

114	Multisensory training improves auditory spatial processing following bilateral cochlear implantation. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 11119-30	6.6	48
113	Context-specific reweighting of auditory spatial cues following altered experience during development. <i>Current Biology</i> , <b>2013</b> , 23, 1291-9	6.3	48
112	The Wellcome Prize Lecture. A map of auditory space in the mammalian brain: neural computation and development. <i>Experimental Physiology</i> , <b>1993</b> , 78, 559-90	2.4	45
111	Cortical encoding of pitch: recent results and open questions. <i>Hearing Research</i> , <b>2011</b> , 271, 74-87	3.9	43
110	Topographic organization of projection from the parabigeminal nucleus to the superior colliculus in the ferret revealed with fluorescent latex microspheres. <i>Brain Research</i> , <b>1996</b> , 743, 217-32	3.7	43
109	Auditory Neuroscience <b>2010</b> ,		42
108	Modeling individual differences in ferret external ear transfer functions. <i>Journal of the Acoustical Society of America</i> , <b>2003</b> , 113, 2021-30	2.2	41
107	Sensory experience and the formation of a computational map of auditory space in the brain. <i>BioEssays</i> , <b>1999</b> , 21, 900-11	4.1	41
106	Measuring the Performance of Neural Models. <i>Frontiers in Computational Neuroscience</i> , <b>2016</b> , 10, 10	3.5	39
105	Pitch discrimination by ferrets for simple and complex sounds. <i>Journal of the Acoustical Society of America</i> , <b>2009</b> , 126, 1321-35	2.2	38
104	Functional topography of converging visual and auditory inputs to neurons in the rat superior colliculus. <i>Journal of Neurophysiology</i> , <b>2004</b> , 92, 2933-46	3.2	38
103	Complementary adaptive processes contribute to the developmental plasticity of spatial hearing. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 185-7	25.5	37
102	Functional Microarchitecture of the Mouse Dorsal Inferior Colliculus Revealed through In Vivo Two-Photon Calcium Imaging. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 10927-39	6.6	36
101	Linking GABA and glutamate levels to cognitive skill acquisition during development. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 4334-45	5.9	36
100	How plastic is spatial hearing?. <i>Audiology and Neuro-Otology</i> , <b>2001</b> , 6, 182-6	2.2	35
99	Cortical cholinergic input is required for normal auditory perception and experience-dependent plasticity in adult ferrets. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 6659-71	6.6	34
98	Spatial distribution of functional superficial-deep connections in the adult ferret superior colliculus. <i>Neuroscience</i> , <b>2004</b> , 128, 861-70	3.9	34
97	Sources of subcortical projections to the superior colliculus in the ferret. <i>Brain Research</i> , <b>1997</b> , 755, 279-327		33

96	Development of contralateral and ipsilateral frequency representations in ferret primary auditory cortex. <i>European Journal of Neuroscience</i> , <b>2006</b> , 23, 780-92	3.5	33
95	Listening through different ears alters spatial response fields in ferret primary auditory cortex. <i>Journal of Neurophysiology</i> , <b>2001</b> , 86, 1043-6	3.2	33
94	A review of the effects of unilateral hearing loss on spatial hearing. <i>Hearing Research</i> , <b>2019</b> , 372, 17-28	3.9	32
93	Neural circuits underlying adaptation and learning in the perception of auditory space. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2011</b> , 35, 2129-39	9	32
92	Incorporating Midbrain Adaptation to Mean Sound Level Improves Models of Auditory Cortical Processing. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 280-9	6.6	31
91	Network Receptive Field Modeling Reveals Extensive Integration and Multi-feature Selectivity in Auditory Cortical Neurons. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1005113	5	30
90	Plasticity of spatial hearing: behavioural effects of cortical inactivation. <i>Journal of Physiology</i> , <b>2012</b> , 590, 3965-86	3.9	29
89	Interaural timing cues do not contribute to the map of space in the ferret superior colliculus: a virtual acoustic space study. <i>Journal of Neurophysiology</i> , <b>2006</b> , 95, 242-54	3.2	29
88	Auditory perception: The near and far of sound localization. <i>Current Biology</i> , <b>1999</b> , 9, R361-3	6.3	29
87	Recent advances in understanding the auditory cortex. <i>F1000Research</i> , <b>2018</b> , 7,	3.6	29
86	A Role for Auditory Corticothalamic Feedback in the Perception of Complex Sounds. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 6149-6161	6.6	28
85	Hearing in noisy environments: noise invariance and contrast gain control. <i>Journal of Physiology</i> , <b>2014</b> , 592, 3371-81	3.9	26
84	The development of topographically-aligned maps of visual and auditory space in the superior colliculus. <i>Progress in Brain Research</i> , <b>1996</b> , 112, 335-50	2.9	26
83	Role of auditory cortex in sound localization in the midsagittal plane. <i>Journal of Neurophysiology</i> , <b>2007</b> , 98, 1763-74	3.2	25
82	Binaural-level functions in ferret auditory cortex: evidence for a continuous distribution of response properties. <i>Journal of Neurophysiology</i> , <b>2006</b> , 95, 3742-55	3.2	25
81	Sound localization in a changing world. <i>Current Opinion in Neurobiology</i> , <b>2015</b> , 35, 35-43	7.6	24
80	Thalamic input to auditory cortex is locally heterogeneous but globally tonotopic. <i>ELife</i> , <b>2017</b> , 6,	8.9	24
79	The non-lemniscal auditory cortex in ferrets: convergence of corticotectal inputs in the superior colliculus. <i>Frontiers in Neuroanatomy</i> , <b>2010</b> , 4, 18	3.6	24

78	Behavioral training promotes multiple adaptive processes following acute hearing loss. <i>ELife</i> , <b>2016</b> , 5, e12264	8.9	24
77	Virtual adult ears reveal the roles of acoustical factors and experience in auditory space map development. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 11557-70	6.6	23
76	Neural circuits underlying auditory contrast gain control and their perceptual implications. <i>Nature Communications</i> , <b>2020</b> , 11, 324	17.4	22
75	Altered spectral localization cues disrupt the development of the auditory space map in the superior colliculus of the ferret. <i>Journal of Neurophysiology</i> , <b>1998</b> , 79, 1053-69	3.2	22
74	Sensory cortex is optimized for prediction of future input. <i>ELife</i> , <b>2018</b> , 7,	8.9	21
73	Behavioral sensitivity to broadband binaural localization cues in the ferret. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , <b>2013</b> , 14, 561-72	3.3	21
72	Behavioural sensitivity to binaural spatial cues in ferrets: evidence for plasticity in the duplex theory of sound localization. <i>European Journal of Neuroscience</i> , <b>2014</b> , 39, 197-206	3.5	21
71	Responses of neurons in the ferret superior colliculus to the spatial location of tonal stimuli. <i>Hearing Research</i> , <b>1994</b> , 81, 137-49	3.9	21
70	Development of the projection from the nucleus of the brachium of the inferior colliculus to the superior colliculus in the ferret. <i>Journal of Comparative Neurology</i> , <b>2005</b> , 485, 202-17	3.4	20
69	Spectral timbre perception in ferrets: discrimination of artificial vowels under different listening conditions. <i>Journal of the Acoustical Society of America</i> , <b>2013</b> , 133, 365-76	2.2	19
68	Bilateral cochlear implantation in the ferret: a novel animal model for behavioral studies. <i>Journal of Neuroscience Methods</i> , <b>2010</b> , 190, 214-28	3	19
67	Local and Global Spatial Organization of Interaural Level Difference and Frequency Preferences in Auditory Cortex. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 350-369	5.1	19
66	Cortico-Cortical Connectivity Within Ferret Auditory Cortex. <i>Journal of Comparative Neurology</i> , <b>2015</b> , 523, 2187-210	3.4	18
65	Visual sensitivity is a stronger determinant of illusory processes than auditory cue parameters in the sound-induced flash illusion. <i>Journal of Vision</i> , <b>2014</b> , 14,	0.4	18
64	Across-species differences in pitch perception are consistent with differences in cochlear filtering. <i>ELife</i> , <b>2019</b> , 8,	8.9	18
63	Contrast gain control in mouse auditory cortex. <i>Journal of Neurophysiology</i> , <b>2018</b> , 120, 1872-1884	3.2	17
62	Integrating information from different senses in the auditory cortex. <i>Biological Cybernetics</i> , <b>2012</b> , 106, 617-25	2.8	17
61	Neural processing: the logic of multiplication in single neurons. <i>Current Biology</i> , <b>2001</b> , 11, R640-2	6.3	17

60	Signal selection by cortical feedback. <i>Current Biology</i> , <b>1997</b> , 7, R85-8	6.3	16
59	Functional consequences of neonatal unilateral cochlear removal. <i>Progress in Brain Research</i> , <b>1993</b> , 97, 127-33	2.9	16
58	Brief sounds evoke prolonged responses in anesthetized ferret auditory cortex. <i>Journal of Neurophysiology</i> , <b>2010</b> , 103, 2783-93	3.2	15
57	The cholinergic basal forebrain in the ferret and its inputs to the auditory cortex. <i>European Journal of Neuroscience</i> , <b>2014</b> , 40, 2922-40	3.5	14
56	Behavioural benefits of multisensory processing in ferrets. <i>European Journal of Neuroscience</i> , <b>2017</b> , 45, 278-289	3.5	13
55	What happens to your hearing if you are born blind?. <i>Brain</i> , <b>2014</b> , 137, 6-8	11.2	13
54	Auditory neuroscience: filling in the gaps. <i>Current Biology</i> , <b>2007</b> , 17, R799-801	6.3	13
53	Plasticity of Binaural Systems. <i>Springer Handbook of Auditory Research</i> , <b>2004</b> , 96-172	1.2	12
52	Binaural sensitivity changes between cortical on and off responses. <i>Journal of Neurophysiology</i> , <b>2011</b> , 106, 30-43	3.2	11
51	Hearing: cortical activation does matter. <i>Current Biology</i> , <b>2001</b> , 11, R782-4	6.3	11
50	Topographical projection from the superior colliculus to the nucleus of the brachium of the inferior colliculus in the ferret: convergence of visual and auditory information. <i>European Journal of Neuroscience</i> , <b>2000</b> , 12, 4290-4308	3.5	11
49	Crossmodal plasticity and hearing capabilities following blindness. <i>Cell and Tissue Research</i> , <b>2015</b> , 361, 295-300	4.2	10
48	Auditory neuroscience: activating the cortex without sound. <i>Current Biology</i> , <b>2006</b> , 16, R410-1	6.3	10
47	Simple transformations capture auditory input to cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 28442-28451	11.5	10
46	Cortical Representation of Auditory Space <b>2011</b> , 329-341		10
45	The precedence effect and its buildup and breakdown in ferrets and humans. <i>Journal of the Acoustical Society of America</i> , <b>2014</b> , 135, 1406-18	2.2	9
44	Complexity of frequency receptive fields predicts tonotopic variability across species. <i>ELife</i> , <b>2020</b> , 9,	8.9	9
43	Re-weighting of Sound Localization Cues by Audiovisual Training. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1164	5.1	9



42	A dynamic network model of temporal receptive fields in primary auditory cortex. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006618	5	8
41	Silencing cortical activity during sound-localization training impairs auditory perceptual learning. <i>Nature Communications</i> , <b>2019</b> , 10, 3075	17.4	8
40	Neural plasticity: how the eye tells the brain about sound location. <i>Current Biology</i> , <b>2002</b> , 12, R393-5	6.3	8
39	Topographical projection from the superior colliculus to the nucleus of the brachium of the inferior colliculus in the ferret: convergence of visual and auditory information. <i>European Journal of Neuroscience</i> , <b>2000</b> , 12, 4290-4308	3.5	8
38	Auditory perception: does practice make perfect?. <i>Current Biology</i> , <b>1999</b> , 9, R143-6	6.3	8
37	Specificity of binaural perceptual learning for amplitude modulated tones: a comparison of two training methods. <i>Journal of the Acoustical Society of America</i> , <b>2009</b> , 125, 2221-32	2.2	7
36	From outer ear to virtual space. <i>Current Biology</i> , <b>1993</b> , 3, 446-8	6.3	7
35	Development, organization and plasticity of auditory circuits: Lessons from a cherished colleague. <i>European Journal of Neuroscience</i> , <b>2019</b> , 49, 990-1004	3.5	6
34	Auditory cortex: representation through sparsification?. <i>Current Biology</i> , <b>2009</b> , 19, R1123-5	6.3	6
33	Chronic detachable headphones for acoustic stimulation in freely moving animals. <i>Journal of Neuroscience Methods</i> , <b>2010</b> , 189, 44-50	3	6
32	Auditory plasticity: vocal output shapes auditory cortex. <i>Current Biology</i> , <b>2005</b> , 15, R503-5	6.3	6
31	Auditory learning as a cause and treatment of central dysfunction. <i>Audiology and Neuro-Otology</i> , <b>2001</b> , 6, 216-20	2.2	6
30	Hearing and Auditory Function in Ferrets685-710		6
29	Contrast gain control occurs independently of both parvalbumin-positive interneuron activity and shunting inhibition in auditory cortex. <i>Journal of Neurophysiology</i> , <b>2020</b> , 123, 1536-1551	3.2	5
28	Hearing. Asking the auditory cortex the right question. <i>Current Biology</i> , <b>1995</b> , 5, 1110-3	6.3	5
27	Development of Multisensory Spatial Integration <b>2004</b> , 1-24		5
26	Listening in complex acoustic scenes. <i>Current Opinion in Physiology</i> , <b>2020</b> , 18, 63-72	2.6	4
25	Mistuning detection performance of ferrets in a go/no-go task. <i>Journal of the Acoustical Society of America</i> , <b>2016</b> , 139, EL246	2.2	4

24	Auditory perception: hearing the texture of sounds. <i>Current Biology</i> , <b>2011</b> , 21, R967-8	6.3	4
23	Auditory system: a neural substrate for frequency selectivity?. <i>Current Biology</i> , <b>1998</b> , 8, R25-7	6.3	4
22	The auditory cortex. <i>Current Biology</i> , <b>2007</b> , 17, R236-9	6.3	4
21	Auditory neuroscience: Balancing excitation and inhibition during development. <i>Current Biology</i> , <b>2010</b> , 20, R808-10	6.3	3
20	Sensory neuroscience: visualizing the auditory cortex. <i>Current Biology</i> , <b>1998</b> , 8, R784-7	6.3	3
19	Auditory neuroscience: neuronal sensitivity in humans. <i>Current Biology</i> , <b>2008</b> , 18, R382-5	6.3	3
18	Auditory neuroscience: a time for coincidence?. <i>Current Biology</i> , <b>2004</b> , 14, R886-8	6.3	3
17	Subcortical circuits mediate communication between primary sensory cortical areas in mice. <i>Nature Communications</i> , <b>2021</b> , 12, 3916	17.4	3
16	Multisensory Processing in the Auditory Cortex. <i>Springer Handbook of Auditory Research</i> , <b>2019</b> , 105-133	1.2	2
15	Auditory gap-in-noise detection behavior in ferrets and humans. <i>Behavioral Neuroscience</i> , <b>2015</b> , 129, 473-90	2.1	2
14	Multisensory integration. <i>Science</i> , <b>1993</b> , 261, 928-9	33.3	2
13	Decoding mouse behavior to explain single-trial decisions and their relationship with neural activity		2
12	Auditory neuroscience: temporal anticipation enhances cortical processing. <i>Current Biology</i> , <b>2011</b> , 21, R251-3	6.3	1
11	Development of the auditory pathway <b>2010</b> ,		1
10	Coordinating different sensory inputs during development. Focus on "Early experience determines how the senses will interact". <i>Journal of Neurophysiology</i> , <b>2007</b> , 97, 3-4	3.2	1
9	Subcortical Circuits Mediate Communication Between Primary Sensory Cortical Areas		1
8	Hierarchical temporal prediction captures motion processing from retina to higher visual cortex		1
7	Construction of an Auditory Space Map in the Midbrain <b>1997</b> , 365-372		1

6 Multisensory Circuits **2013**, 61-73

5 Sensory systems. *Current Opinion in Neurobiology*, **2005**, 15, 379-381

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4 What can auditory neuroethology tell us about speech processing?. *Behavioral and Brain Sciences*, **1998**, 21, 276-277

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3 Feedback Systems: Descending Pathways and Adaptive Coding in the Auditory System **2020**, 732-748

2 The Representation of the Pitch of Vowel Sounds in Ferret Auditory Cortex **2010**, 407-416

1 Role of Primary Auditory Cortex in Acoustic Orientation and Approach-to-Target Responses **2010**, 581-593