

Ingrid S Johnsrude

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

21,368
citations

41627

51
h-index

17891

125
g-index

172
all docs

172
docs citations

172
times ranked

20290
citing authors

#	ARTICLE	IF	CITATIONS
1	A neural signature of regularity in sound is reduced in older adults. <i>Neurobiology of Aging</i> , 2022, 109, 1-10.	1.5	15
2	Musical instrument familiarity affects statistical learning of tone sequences. <i>Cognition</i> , 2022, 218, 104949.	1.1	5
3	Neural Activity during Story Listening Is Synchronized across Individuals Despite Acoustic Masking. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 933-950.	1.1	6
4	Age-related deficits in dip-listening evident for isolated sentences but not for spoken stories. <i>Scientific Reports</i> , 2022, 12, 5898.	1.6	8
5	Parametric Cognitive Load Reveals Hidden Costs in the Neural Processing of Perfectly Intelligible Degraded Speech. <i>Journal of Neuroscience</i> , 2022, 42, 4619-4628.	1.7	6
6	Pitch discrimination is better for synthetic timbre than natural musical instrument timbres despite familiarity. <i>Journal of the Acoustical Society of America</i> , 2022, 152, 31-42.	0.5	2
7	Motor Planning Modulates Neural Activity Patterns in Early Human Auditory Cortex. <i>Cerebral Cortex</i> , 2021, 31, 2952-2967.	1.6	14
8	Cortical Responses to the Amplitude Envelopes of Sounds Change with Age. <i>Journal of Neuroscience</i> , 2021, 41, 5045-5055.	1.7	19
9	How Long Does It Take for a Voice to Become Familiar? Speech Intelligibility and Voice Recognition Are Differentially Sensitive to Voice Training. <i>Psychological Science</i> , 2021, 32, 903-915.	1.8	9
10	Speech-evoked brain activity is more robust to competing speech when it is spoken by someone familiar. <i>NeuroImage</i> , 2021, 237, 118107.	2.1	8
11	Sustained neural activity correlates with rapid perceptual learning of auditory patterns. <i>NeuroImage</i> , 2021, 238, 118238.	2.1	18
12	Sound level context modulates neural activity in the human brainstem. <i>Scientific Reports</i> , 2021, 11, 22581.	1.6	2
13	Absorption and Enjoyment During Listening to Acoustically Masked Stories. <i>Trends in Hearing</i> , 2020, 24, 233121652096785.	0.7	11
14	Pupil Dilation Is Sensitive to Semantic Ambiguity and Acoustic Degradation. <i>Trends in Hearing</i> , 2020, 24, 233121652096406.	0.7	13
15	An Auditory-Perceptual and Pupillometric Study of Vocal Strain and Listening Effort in Adductor Spasmodic Dysphonia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5907.	1.3	5
16	A novel approach to investigate subcortical and cortical sensitivity to temporal structure simultaneously. <i>Hearing Research</i> , 2020, 398, 108080.	0.9	3
17	A model of listening engagement (MoLE). <i>Hearing Research</i> , 2020, 397, 108016.	0.9	50
18	Neural Responses and Perceptual Sensitivity to Sound Depend on Sound-Level Statistics. <i>Scientific Reports</i> , 2020, 10, 9571.	1.6	16

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19	The benefit to speech intelligibility of hearing a familiar voice.. Journal of Experimental Psychology: Applied, 2020, 26, 236-247.	0.9	12
20	Speech spoken by familiar people is more resistant to interference by linguistically similar speech.. Journal of Experimental Psychology: Learning Memory and Cognition, 2020, 46, 1465-1476.	0.7	12
21	A Sound-Sensitive Source of Alpha Oscillations in Human Non-Primary Auditory Cortex. Journal of Neuroscience, 2019, 39, 8679-8689.	1.7	47
22	Neural signatures of temporal regularity processing in sounds differ between younger and older adults. Neurobiology of Aging, 2019, 83, 73-85.	1.5	34
23	Using spatial release from masking to estimate the magnitude of the familiar-voice intelligibility benefit. Journal of the Acoustical Society of America, 2019, 146, 3487-3494.	0.5	4
24	Semantic context improves speech intelligibility and reduces listening effort for listeners with hearing impairment. International Journal of Audiology, 2018, 57, 483-492.	0.9	25
25	Aging Affects Adaptation to Sound-Level Statistics in Human Auditory Cortex. Journal of Neuroscience, 2018, 38, 1989-1999.	1.7	52
26	Neural Signatures of the Processing of Temporal Patterns in Sound. Journal of Neuroscience, 2018, 38, 5466-5477.	1.7	39
27	Attentional Modulation of Envelope-Following Responses at Lower (93â€“109ÂHz) but Not Higher (217â€“233ÂHz) Modulation Rates. JARO - Journal of the Association for Research in Otolaryngology, 2018, 19, 83-97.	0.9	51
28	Familiar Voices Are More Intelligible, Even if They Are Not Recognized as Familiar. Psychological Science, 2018, 29, 1575-1583.	1.8	40
29	Attentional state modulates the effect of an irrelevant stimulus dimension on perception.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 89-105.	0.7	25
30	Combined effects of form- and meaning-based predictability on perceived clarity of speech.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 277-285.	0.7	20
31	The neural basis of language learning: Brief introduction to the special issue. Neuropsychologia, 2017, 98, 1-3.	0.7	2
32	Generalization of Perceptual Learning of Degraded Speech Across Talkers. Journal of Speech, Language, and Hearing Research, 2017, 60, 3334-3341.	0.7	23
33	Working Memory Training and Speech in Noise Comprehension in Older Adults. Frontiers in Aging Neuroscience, 2016, 8, 49.	1.7	38
34	Factors That Increase Processing Demands When Listening to Speech. , 2016, , 491-502.		49
35	Effects of a consistent target or masker voice on target speech intelligibility in two- and three-talker mixtures. Journal of the Acoustical Society of America, 2016, 139, 1037-1046.	0.5	8
36	Neural Correlates of Predictive Saccades. Journal of Cognitive Neuroscience, 2016, 28, 1210-1227.	1.1	10

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37	Altered temporal dynamics of neural adaptation in the aging human auditory cortex. <i>Neurobiology of Aging</i> , 2016, 45, 10-22.	1.5	47
38	Cognitive, Psychophysical, and Neural Correlates of Vulvar Pain in Primary and Secondary Provoked Vestibulodynia: A Pilot Study. <i>Journal of Sexual Medicine</i> , 2015, 12, 1283-1297.	0.3	22
39	An fMRI comparison of neural activity associated with recognition of familiar melodies in younger and older adults. <i>Frontiers in Neuroscience</i> , 2015, 9, 356.	1.4	29
40	Fusion analysis of first episode depression: Where brain shape deformations meet local composition of tissue. <i>NeuroImage: Clinical</i> , 2015, 7, 114-121.	1.4	8
41	Planning Ahead: Object-Directed Sequential Actions Decoded from Human Frontoparietal and Occipitotemporal Networks. <i>Cerebral Cortex</i> , 2015, 26, bhu302.	1.6	51
42	A review of causal mechanisms underlying the link between age-related hearing loss and cognitive decline. <i>Ageing Research Reviews</i> , 2015, 23, 154-166.	5.0	309
43	Fusion analysis of functional MRI data for classification of individuals based on patterns of activation. <i>Brain Imaging and Behavior</i> , 2015, 9, 149-161.	1.1	10
44	Joint Sparse Representation of Brain Activity Patterns in Multi-Task fMRI Data. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 2-12.	5.4	29
45	Joint source based analysis of multiple brain structures in studying major depressive disorder. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
46	Temporal-lobe morphology differs between healthy adolescents and those with early-onset of depression. <i>NeuroImage: Clinical</i> , 2014, 6, 145-155.	1.4	35
47	The eye as a window to the listening brain: Neural correlates of pupil size as a measure of cognitive listening load. <i>NeuroImage</i> , 2014, 101, 76-86.	2.1	130
48	The effects of working memory capacity and semantic cues on the intelligibility of speech in noise. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 2225-2234.	0.5	88
49	Swinging at a Cocktail Party. <i>Psychological Science</i> , 2013, 24, 1995-2004.	1.8	143
50	Multivoxel Patterns Reveal Functionally Differentiated Networks Underlying Auditory Feedback Processing of Speech. <i>Journal of Neuroscience</i> , 2013, 33, 4339-4348.	1.7	23
51	Independent component analysis on Lie groups for multi-object analysis of first episode depression. , 2013, , .		1
52	Multi-object statistical analysis of late adolescent depression. , 2013, , .		2
53	Rapid perceptual learning of noise-vocoded speech requires attention. <i>Journal of the Acoustical Society of America</i> , 2012, 131, EL236-EL242.	0.5	37
54	Dissociating Frontotemporal Contributions to Semantic Ambiguity Resolution in Spoken Sentences. <i>Cerebral Cortex</i> , 2012, 22, 1761-1773.	1.6	78

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55	Effortful Listening: The Processing of Degraded Speech Depends Critically on Attention. <i>Journal of Neuroscience</i> , 2012, 32, 14010-14021.	1.7	313
56	Is the Link between Anatomical Structure and Function Equally Strong at All Cognitive Levels of Processing?. <i>Cerebral Cortex</i> , 2012, 22, 1593-1603.	1.6	61
57	The role of visual speech information in supporting perceptual learning of degraded speech.. <i>Journal of Experimental Psychology: Applied</i> , 2012, 18, 419-435.	0.9	20
58	Brain regions recruited for the effortful comprehension of noise-vocoded words. <i>Language and Cognitive Processes</i> , 2012, 27, 1145-1166.	2.3	105
59	Classification of individuals based on Sparse Representation of brain cognitive patterns: A functional MRI study. , 2012, 2012, 2688-91.		6
60	Behavioral and fMRI evidence that cognitive ability modulates the effect of semantic context on speech intelligibility. <i>Brain and Language</i> , 2012, 122, 103-113.	0.8	87
61	Joint Sparse Representation of Brain Activity Patterns Related to Perceptual and Cognitive Components of a Speech Comprehension Task. , 2012, , .		7
62	Corrigendum to "Behavioral and fMRI evidence that cognitive ability modulates the effect of semantic context on speech intelligibility" [Brain Lang. 122 (2012) 103-113]. <i>Brain and Language</i> , 2012, 123, 143.	0.8	1
63	Human auditory cortex is sensitive to the perceived clarity of speech. <i>NeuroImage</i> , 2012, 60, 1490-1502.	2.1	95
64	Hemodynamic Imaging: Functional Magnetic Resonance Imaging. <i>Springer Handbook of Auditory Research</i> , 2012, , 129-162.	0.3	0
65	Perceiving a Stranger's Voice as Being One's Own: A "Rubber Voice" Illusion?. <i>PLoS ONE</i> , 2011, 6, e18655.	1.1	22
66	The Influence of Semantically Related and Unrelated Text Cues on the Intelligibility of Sentences in Noise. <i>Ear and Hearing</i> , 2011, 32, e16-e25.	1.0	73
67	The Continuity Illusion Does Not Depend on Attentional State: fMRI Evidence from Illusory Vowels. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2675-2689.	1.1	25
68	Does Semantic Context Benefit Speech Understanding through "Top-Down" Processes? Evidence from Time-resolved Sparse fMRI. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3914-3932.	1.1	143
69	Generalization of perceptual learning of vocoded speech.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 283-295.	0.7	61
70	The role of domain-general frontal systems in language comprehension: Evidence from dual-task interference and semantic ambiguity. <i>Brain and Language</i> , 2010, 115, 182-188.	0.8	59
71	Hierarchical processing for speech in human auditory cortex and beyond. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 51.	1.0	120
72	Functional Overlap between Regions Involved in Speech Perception and in Monitoring One's Own Voice during Speech Production. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1770-1781.	1.1	112

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73	Brain networks involved in haptic and visual identification of facial expressions of emotion: An fMRI study. <i>NeuroImage</i> , 2010, 49, 1677-1689.	2.1	100
74	A validation framework for probabilistic maps using Heschl's gyrus as a model. <i>NeuroImage</i> , 2010, 50, 532-544.	2.1	7
75	Objective Measures of Auditory Scene Analysis. , 2010, , 507-519.		10
76	Talkers alter vowel production in response to real-time formant perturbation even when instructed not to compensate. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 384-390.	0.5	104
77	Quantification of inter-subject variability in human brain: a validation framework for probabilistic maps. , 2009, , .		3
78	Functional Specialization and Convergence in the Occipito-temporal Cortex Supporting Haptic and Visual Identification of Human Faces and Body Parts: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2027-2045.	1.1	78
79	Reducing inter-subject anatomical variation: Effect of normalization method on sensitivity of functional magnetic resonance imaging data analysis in auditory cortex and the superior temporal region. <i>NeuroImage</i> , 2009, 47, 1522-1531.	2.1	34
80	A New Approach for Creating Customizable Cytoarchitectonic Probabilistic Maps without a Template. <i>Lecture Notes in Computer Science</i> , 2009, 12, 795-802.	1.0	4
81	Illusory Vowels Resulting from Perceptual Continuity: A Functional Magnetic Resonance Imaging Study. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1737-1752.	1.1	50
82	Functional imaging of the auditory processing applied to speech sounds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1023-1035.	1.8	26
83	A statistical atlas-based technique for automatic segmentation of the first Heschl's gyrus in human auditory cortex from MR images. , 2008, 2008, 3920-3.		0
84	Perceptual learning of noise vocoded words: Effects of feedback and lexicality.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2008, 34, 460-474.	0.7	128
85	Do vegetative patients retain aspects of language comprehension? Evidence from fMRI. <i>Brain</i> , 2007, 130, 2494-2507.	3.7	230
86	Dissociating speech perception and comprehension at reduced levels of awareness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16032-16037.	3.3	238
87	Hearing speech sounds: Top-down influences on the interface between audition and speech perception. <i>Hearing Research</i> , 2007, 229, 132-147.	0.9	354
88	Intact Preference Conditioning in Acute Intoxication Despite Deficient Declarative Knowledge and Working Memory. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 1800-1810.	1.4	16
89	Customised Cytoarchitectonic Probability Maps Using Deformable Registration: Primary Auditory Cortex. , 2007, 10, 760-768.		5
90	Interleaved silent steady state (ISSS) imaging: A new sparse imaging method applied to auditory fMRI. <i>NeuroImage</i> , 2006, 29, 774-782.	2.1	99

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91	Locating the initial stages of speech sound processing in human temporal cortex. <i>NeuroImage</i> , 2006, 31, 1284-1296.	2.1	168
92	From sound to meaning: Hierarchical processing in speech comprehension. , 2005, , 298-305.		0
93	Lexical Information Drives Perceptual Learning of Distorted Speech: Evidence From the Comprehension of Noise-Vocoded Sentences.. <i>Journal of Experimental Psychology: General</i> , 2005, 134, 222-241.	1.5	414
94	Using a hierarchical approach to investigate residual auditory cognition in persistent vegetative state. <i>Progress in Brain Research</i> , 2005, 150, 457-608.	0.9	51
95	Learning to Like: A Role for Human Orbitofrontal Cortex in Conditioned Reward. <i>Journal of Neuroscience</i> , 2005, 25, 2733-2740.	1.7	87
96	The Neural Mechanisms of Speech Comprehension: fMRI studies of Semantic Ambiguity. <i>Cerebral Cortex</i> , 2005, 15, 1261-1269.	1.6	508
97	Residual auditory function in persistent vegetative state: a combined pet and fmri study. <i>Neuropsychological Rehabilitation</i> , 2005, 15, 290-306.	1.0	107
98	Cognitive Tasks for Driving a Brain-Computer Interfacing System: A Pilot Study. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2004, 12, 48-54.	2.7	96
99	Somatotopic Representation of Action Words in Human Motor and Premotor Cortex. <i>Neuron</i> , 2004, 41, 301-307.	3.8	1,697
100	Relationships between Human Auditory Cortical Structure and Function. <i>Audiology and Neuro-Otology</i> , 2003, 8, 1-18.	0.6	82
101	The neuroanatomical and functional organization of speech perception. <i>Trends in Neurosciences</i> , 2003, 26, 100-107.	4.2	653
102	Hierarchical Processing in Spoken Language Comprehension. <i>Journal of Neuroscience</i> , 2003, 23, 3423-3431.	1.7	631
103	Detecting Residual Cognitive Function in Persistent Vegetative State. <i>Neurocase</i> , 2002, 8, 394-403.	0.2	94
104	Functional Imaging of the Auditory System: The Use of Positron Emission Tomography. <i>Audiology and Neuro-Otology</i> , 2002, 7, 251-276.	0.6	67
105	Spectral and Temporal Processing in Human Auditory Cortex. <i>Cerebral Cortex</i> , 2002, 12, 140-149.	1.6	184
106	The Processing of Temporal Pitch and Melody Information in Auditory Cortex. <i>Neuron</i> , 2002, 36, 767-776.	3.8	655
107	Preference formation and working memory in Parkinson's disease and normal ageing. <i>Neuropsychologia</i> , 2002, 40, 317-326.	0.7	11
108	The problem of functional localization in the human brain. <i>Nature Reviews Neuroscience</i> , 2002, 3, 243-249.	4.9	1,104

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109	Detecting Residual Cognitive Function in Persistent Vegetative State. <i>Neurocase</i> , 2002, 8, 394-403.	0.2	10
110	Can meaningful effective connectivities be obtained between auditory cortical regions?. <i>NeuroImage</i> , 2001, 13, 130.	2.1	0
111	A Voxel-Based Morphometric Study of Ageing in 465 Normal Adult Human Brains. <i>NeuroImage</i> , 2001, 14, 21-36.	2.1	4,189
112	Cerebral Asymmetry and the Effects of Sex and Handedness on Brain Structure: A Voxel-Based Morphometric Analysis of 465 Normal Adult Human Brains. <i>NeuroImage</i> , 2001, 14, 685-700.	2.1	1,189
113	Can Meaningful Effective Connectivities Be Obtained between Auditory Cortical Regions?. <i>NeuroImage</i> , 2001, 14, 1353-1360.	2.1	56
114	Encoding of the temporal regularity of sound in the human brainstem. <i>Nature Neuroscience</i> , 2001, 4, 633-637.	7.1	189
115	Imaging the mental components of a planning task. <i>Neuropsychologia</i> , 2001, 39, 315-327.	0.7	131
116	fMRI: applications to cognitive neuroscience. , 2001, , 312-329.		5
117	Representation of the Temporal Envelope of Sounds in the Human Brain. <i>Journal of Neurophysiology</i> , 2000, 84, 1588-1598.	0.9	314
118	Impaired Preference Conditioning after Anterior Temporal Lobe Resection in Humans. <i>Journal of Neuroscience</i> , 2000, 20, 2649-2656.	1.7	104
119	Navigation-related structural change in the hippocampi of taxi drivers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 4398-4403.	3.3	2,621
120	Functional specificity in the right human auditory cortex for perceiving pitch direction. <i>Brain</i> , 2000, 123, 155-163.	3.7	334
121	Atlas of the Human Brain. <i>Journal of Psychophysiology</i> , 2000, 14, 194-195.	0.3	0
122	Conditioned Preference in Humans: A Novel Experimental Approach. <i>Learning and Motivation</i> , 1999, 30, 250-264.	0.6	33
123	A cognitive activation study of memory for spatialrelationships. <i>Neuropsychologia</i> , 1999, 37, 829-841.	0.7	83
124	A common neural substrate for the analysis of pitch and duration pattern in segmented sound?. <i>NeuroReport</i> , 1999, 10, 3825-3830.	0.6	149
125	Identifying global anatomical differences: Deformation-based morphometry. , 1998, 6, 348-357.		359
126	Obligatory role of the LIFG in synonym generation. <i>NeuroReport</i> , 1997, 8, 3275-3278.	0.6	38

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127	Left-hemisphere specialization for the processing of acoustic transients. <i>NeuroReport</i> , 1997, 8, 1761-1765.	0.6	104
128	Right medial temporal lobe contribution to object location memory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 1469-1474.	1.8	84
129	A pet study of the processing of rapidly changing acoustic information. <i>NeuroImage</i> , 1996, 3, S311.	2.1	1
130	The effect of presentation rate on the comprehension and recall of speech after anterior temporal-lobe resection. <i>Neuropsychologia</i> , 1994, 32, 77-84.	0.7	6
131	Effect of motivational context on conspecific song discrimination by brown-headed cowbirds (<i>Molothrus ater</i>). <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 1994, 108, 172-178.	0.3	15
132	ABSOLUTE AND RELATIVE PITCH PRODUCTION IN THE SONG OF THE WHITE-THROATED SPARROW (<i>ZONOTRICHIA QUAESTRIS</i>)	0.7	12
133	Absolute and Relative Pitch Production in the Song of the Black-Capped Chickadee. <i>Condor</i> , 1990, 92, 118-124.	0.7	84
134	A voxel-based morphometric study of ageing in 465 normal adult human brains. , 0, , .		60