

Ingrid S Johnsrude

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6132961/ingrid-s-johnsrude-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129 papers	17,712 citations	51 h-index	133 g-index
172 ext. papers	19,752 ext. citations	4.9 avg, IF	6.61 L-index

#	Paper	IF	Citations
129	A voxel-based morphometric study of ageing in 465 normal adult human brains. <i>NeuroImage</i> , 2001 , 14, 21-36	7.9	3734
128	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, 4398-403	11.5	2108
127	Somatotopic representation of action words in human motor and premotor cortex. <i>Neuron</i> , 2004 , 41, 301-7	13.9	1417
126	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	7.9	1060
125	The problem of functional localization in the human brain. <i>Nature Reviews Neuroscience</i> , 2002 , 3, 243-9	13.5	981
124	The processing of temporal pitch and melody information in auditory cortex. <i>Neuron</i> , 2002 , 36, 767-76	13.9	563
123	The neuroanatomical and functional organization of speech perception. <i>Trends in Neurosciences</i> , 2003 , 26, 100-7	13.3	562
122	Hierarchical processing in spoken language comprehension. <i>Journal of Neuroscience</i> , 2003 , 23, 3423-31	6.6	518
121	The neural mechanisms of speech comprehension: fMRI studies of semantic ambiguity. <i>Cerebral Cortex</i> , 2005 , 15, 1261-9	5.1	442
120	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, 222-41	4.7	332
119	Functional specificity in the right human auditory cortex for perceiving pitch direction. <i>Brain</i> , 2000 , 123 (Pt 1), 155-63	11.2	293
118	Identifying global anatomical differences: deformation-based morphometry. <i>Human Brain Mapping</i> , 1998 , 6, 348-57	5.9	282
117	Hearing speech sounds: top-down influences on the interface between audition and speech perception. <i>Hearing Research</i> , 2007 , 229, 132-47	3.9	278
116	Representation of the temporal envelope of sounds in the human brain. <i>Journal of Neurophysiology</i> , 2000 , 84, 1588-98	3.2	263
115	Effortful listening: the processing of degraded speech depends critically on attention. <i>Journal of Neuroscience</i> , 2012 , 32, 14010-21	6.6	227
114	A review of causal mechanisms underlying the link between age-related hearing loss and cognitive decline. <i>Ageing Research Reviews</i> , 2015 , 23, 154-66	12	212
113	Do vegetative patients retain aspects of language comprehension? Evidence from fMRI. <i>Brain</i> , 2007 , 130, 2494-507	11.2	203

112	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, 16032-7	11.5	202
111	Encoding of the temporal regularity of sound in the human brainstem. <i>Nature Neuroscience</i> , 2001 , 4, 633-7	25.5	172
110	Spectral and temporal processing in human auditory cortex. <i>Cerebral Cortex</i> , 2002 , 12, 140-9	5.1	169
109	Locating the initial stages of speech-sound processing in human temporal cortex. <i>NeuroImage</i> , 2006 , 31, 1284-96	7.9	150
108	A common neural substrate for the analysis of pitch and duration pattern in segmented sound?. <i>NeuroReport</i> , 1999 , 10, 3825-30	1.7	134
107	Imaging the mental components of a planning task. <i>Neuropsychologia</i> , 2001 , 39, 315-27	3.2	114
106	Does semantic context benefit speech understanding through "top-down" processes? Evidence from time-resolved sparse fMRI. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 3914-32	3.1	107
105	Perceptual learning of noise vocoded words: effects of feedback and lexicality. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2008 , 34, 460-74	2.6	107
104	Swinging at a cocktail party: voice familiarity aids speech perception in the presence of a competing voice. <i>Psychological Science</i> , 2013 , 24, 1995-2004	7.9	102
103	Hierarchical processing for speech in human auditory cortex and beyond. <i>Frontiers in Human Neuroscience</i> , 2010 , 4, 51	3.3	100
102	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	7.9	99
101	Left-hemisphere specialization for the processing of acoustic transients. <i>NeuroReport</i> , 1997 , 8, 1761-5	1.7	98
100	Impaired preference conditioning after anterior temporal lobe resection in humans. <i>Journal of Neuroscience</i> , 2000 , 20, 2649-56	6.6	98
99	Residual auditory function in persistent vegetative state: a combined PET and fMRI study. <i>Neuropsychological Rehabilitation</i> , 2005 , 15, 290-306	3.1	94
98	Interleaved silent steady state (ISSS) imaging: a new sparse imaging method applied to auditory fMRI. <i>NeuroImage</i> , 2006 , 29, 774-82	7.9	89
97	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, 1770-81	3.1	87
96	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	4.8	83
95	Learning to like: a role for human orbitofrontal cortex in conditioned reward. <i>Journal of Neuroscience</i> , 2005 , 25, 2733-40	6.6	83

94	Human auditory cortex is sensitive to the perceived clarity of speech. <i>NeuroImage</i> , 2012 , 60, 1490-502	7.9	82
93	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, 384-90	2.2	80
92	Detecting residual cognitive function in persistent vegetative state. <i>Neurocase</i> , 2002 , 8, 394-403	0.8	80
91	Brain regions recruited for the effortful comprehension of noise-vocoded words. <i>Language and Cognitive Processes</i> , 2012 , 27, 1145-1166		77
90	Brain networks involved in haptic and visual identification of facial expressions of emotion: an fMRI study. <i>NeuroImage</i> , 2010 , 49, 1677-89	7.9	75
89	A cognitive activation study of memory for spatial relationships. <i>Neuropsychologia</i> , 1999 , 37, 829-41	3.2	74
88	Absolute and Relative Pitch Production in the Song of the Black-Capped Chickadee. <i>Condor</i> , 1990 , 92, 118-124	2.1	74
87	Relationships between human auditory cortical structure and function. <i>Audiology and Neuro-Otology</i> , 2003 , 8, 1-18	2.2	73
86	Right medial temporal-lobe contribution to object-location memory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997 , 352, 1469-74	5.8	71
85	Dissociating frontotemporal contributions to semantic ambiguity resolution in spoken sentences. <i>Cerebral Cortex</i> , 2012 , 22, 1761-73	5.1	70
84	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, 2027-45	3.1	65
83	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, 2225-34	2.2	63
82	Behavioral and fMRI evidence that cognitive ability modulates the effect of semantic context on speech intelligibility. <i>Brain and Language</i> , 2012 , 122, 103-13	2.9	62
81	Functional imaging of the auditory system: the use of positron emission tomography. <i>Audiology and Neuro-Otology</i> , 2002 , 7, 251-76	2.2	59
80	The influence of semantically related and unrelated text cues on the intelligibility of sentences in noise. <i>Ear and Hearing</i> , 2011 , 32, e16-25	3.4	57
79	Can meaningful effective connectivities be obtained between auditory cortical regions?. <i>NeuroImage</i> , 2001 , 14, 1353-60	7.9	54
78	Generalization of perceptual learning of vocoded speech. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011 , 37, 283-95	2.6	50
77	Is the link between anatomical structure and function equally strong at all cognitive levels of processing?. <i>Cerebral Cortex</i> , 2012 , 22, 1593-603	5.1	48

76	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, 182-8	2.9	47
75	Illusory vowels resulting from perceptual continuity: a functional magnetic resonance imaging study. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 1737-52	3.1	43
74	Using a hierarchical approach to investigate residual auditory cognition in persistent vegetative state. <i>Progress in Brain Research</i> , 2005 , 150, 457-71	2.9	42
73	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, 1522-31	7.9	31
72	Obligatory role of the LIFG in synonym generation: evidence from PET and cortical stimulation. <i>NeuroReport</i> , 1997 , 8, 3275-9	1.7	31
71	Conditioned Preference in Humans: A Novel Experimental Approach. <i>Learning and Motivation</i> , 1999 , 30, 250-264	1.3	31
70	Planning Ahead: Object-Directed Sequential Actions Decoded from Human Frontoparietal and Occipitotemporal Networks. <i>Cerebral Cortex</i> , 2016 , 26, 708-30	5.1	30
69	Attentional Modulation of Envelope-Following Responses at Lower (93-109Hz) but Not Higher (217-233Hz) Modulation Rates. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2018 , 19, 83-97	3.3	28
68	Altered temporal dynamics of neural adaptation in the aging human auditory cortex. <i>Neurobiology of Aging</i> , 2016 , 45, 10-22	5.6	27
67	A voxel-based morphometric study of ageing in 465 normal adult human brains		27
66	A Sound-Sensitive Source of Alpha Oscillations in Human Non-Primary Auditory Cortex. <i>Journal of Neuroscience</i> , 2019 , 39, 8679-8689	6.6	26
65	Working Memory Training and Speech in Noise Comprehension in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 49	5.3	25
64	Rapid perceptual learning of noise-vocoded speech requires attention. <i>Journal of the Acoustical Society of America</i> , 2012 , 131, EL236-42	2.2	24
63	The continuity illusion does not depend on attentional state: fMRI evidence from illusory vowels. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 2675-89	3.1	23
62	Functional imaging of the auditory processing applied to speech sounds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008 , 363, 1023-35	5.8	23
61	Familiar Voices Are More Intelligible, Even if They Are Not Recognized as Familiar. <i>Psychological Science</i> , 2018 , 29, 1575-1583	7.9	22
60	Multivoxel patterns reveal functionally differentiated networks underlying auditory feedback processing of speech. <i>Journal of Neuroscience</i> , 2013 , 33, 4339-48	6.6	22
59	A model of listening engagement (MoLE). <i>Hearing Research</i> , 2020 , 397, 108016	3.9	21

58	Aging Affects Adaptation to Sound-Level Statistics in Human Auditory Cortex. <i>Journal of Neuroscience</i> , 2018 , 38, 1989-1999	6.6	21
57	Joint sparse representation of brain activity patterns in multi-task fMRI data. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 2-12	11.7	19
56	The role of visual speech information in supporting perceptual learning of degraded speech. <i>Journal of Experimental Psychology: Applied</i> , 2012 , 18, 419-35	1.8	19
55	Perceiving a stranger's voice as being one's own: a Tuber voice illusion?. <i>PLoS ONE</i> , 2011 , 6, e18655	3.7	17
54	Combined effects of form- and meaning-based predictability on perceived clarity of speech. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018 , 44, 277-285	2.6	17
53	Semantic context improves speech intelligibility and reduces listening effort for listeners with hearing impairment. <i>International Journal of Audiology</i> , 2018 , 57, 483-492	2.6	16
52	Generalization of Perceptual Learning of Degraded Speech Across Talkers. <i>Journal of Speech, Language, and Hearing Research</i> , 2017 , 60, 3334-3341	2.8	15
51	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, 1283-97	1.1	15
50	Temporal-lobe morphology differs between healthy adolescents and those with early-onset of depression. <i>NeuroImage: Clinical</i> , 2014 , 6, 145-55	5.3	15
49	Intact preference conditioning in acute intoxication despite deficient declarative knowledge and working memory. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1800-10	3.7	15
48	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, 172-8	2.1	15
47	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	5.1	14
46	Neural Signatures of the Processing of Temporal Patterns in Sound. <i>Journal of Neuroscience</i> , 2018 , 38, 5466-5477	6.6	14
45	Neural signatures of temporal regularity processing in sounds differ between younger and older adults. <i>Neurobiology of Aging</i> , 2019 , 83, 73-85	5.6	13
44	Attentional state modulates the effect of an irrelevant stimulus dimension on perception. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018 , 44, 89-105	2.6	11
43	Preference formation and working memory in Parkinson's disease and normal ageing. <i>Neuropsychologia</i> , 2002 , 40, 317-26	3.2	10
42	Fusion analysis of functional MRI data for classification of individuals based on patterns of activation. <i>Brain Imaging and Behavior</i> , 2015 , 9, 149-61	4.1	9
41	Neural Responses and Perceptual Sensitivity to Sound Depend on Sound-Level Statistics. <i>Scientific Reports</i> , 2020 , 10, 9571	4.9	9

40	ABSOLUTE AND RELATIVE PITCH PRODUCTION IN THE SONG OF THE WHITE-THROATED SPARROW (ZONO TRICHIA ALBICOLLIS). <i>Bioacoustics</i> , 1991 , 3, 81-91	1.6	9
39	Factors That Increase Processing Demands When Listening to Speech 2016 , 491-502		8
38	Neural Correlates of Predictive Saccades. <i>Journal of Cognitive Neuroscience</i> , 2016 , 28, 1210-27	3.1	8
37	Fusion analysis of first episode depression: where brain shape deformations meet local composition of tissue. <i>NeuroImage: Clinical</i> , 2015 , 7, 114-21	5.3	6
36	A validation framework for probabilistic maps using Heschl's gyrus as a model. <i>NeuroImage</i> , 2010 , 50, 532-44	7.9	6
35	The benefit to speech intelligibility of hearing a familiar voice. <i>Journal of Experimental Psychology: Applied</i> , 2020 , 26, 236-247	1.8	6
34	Speech spoken by familiar people is more resistant to interference by linguistically similar speech. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020 , 46, 1465-1476	2.2	6
33	Effects of a consistent target or masker voice on target speech intelligibility in two- and three-talker mixtures. <i>Journal of the Acoustical Society of America</i> , 2016 , 139, 1037-46	2.2	6
32	Objective Measures of Auditory Scene Analysis 2010 , 507-519		6
31	2012 ,		5
30	The effect of presentation rate on the comprehension and recall of speech after anterior temporal-lobe resection. <i>Neuropsychologia</i> , 1994 , 32, 77-84	3.2	5
29	Classification of individuals based on sparse representation of brain cognitive patterns: a functional MRI study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 2688-91	0.9	4
28	Absorption and Enjoyment During Listening to Acoustically Masked Stories. <i>Trends in Hearing</i> , 2020 , 24, 2331216520967850	3.2	4
27	Pupil Dilation Is Sensitive to Semantic Ambiguity and Acoustic Degradation. <i>Trends in Hearing</i> , 2020 , 24, 2331216520964068	3.2	4
26	Cortical Responses to the Amplitude Envelopes of Sounds Change with Age. <i>Journal of Neuroscience</i> , 2021 , 41, 5045-5055	6.6	4
25	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	7.9	4
24	Motor Planning Modulates Neural Activity Patterns in Early Human Auditory Cortex. <i>Cerebral Cortex</i> , 2021 , 31, 2952-2967	5.1	4
23	Quantification of inter-subject variability in human brain: a validation framework for probabilistic maps 2009 ,		3

22	Customised cytoarchitectonic probability maps using deformable registration: primary auditory cortex 2007 , 10, 760-8		3
21	fMRI: applications to cognitive neuroscience 2001 , 312-329		3
20	Sustained neural activity correlates with rapid perceptual learning of auditory patterns. <i>NeuroImage</i> , 2021 , 238, 118238	7.9	3
19	Sound level context modulates neural activity in the human brainstem. <i>Scientific Reports</i> , 2021 , 11, 22581	4.9	2
18	Detecting Residual Cognitive Function in Persistent Vegetative State. <i>Neurocase</i> , 2002 , 8, 394-403	0.8	2
17	A new approach for creating customizable cytoarchitectonic probabilistic maps without a template. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 795-802	0.9	2
16	The effects of aging on neural signatures of temporal regularity processing in sounds		1
15	Pupil dilation is sensitive to semantic ambiguity and acoustic degradation		1
14	A sound-sensitive source of alpha oscillations in human non-primary auditory cortex		1
13	An Auditory-Perceptual and Pupillometric Study of Vocal Strain and Listening Effort in Adductor Spasmodic Dysphonia. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5907	2.6	1
12	A novel approach to investigate subcortical and cortical sensitivity to temporal structure simultaneously. <i>Hearing Research</i> , 2020 , 398, 108080	3.9	1
11	Using spatial release from masking to estimate the magnitude of the familiar-voice intelligibility benefit. <i>Journal of the Acoustical Society of America</i> , 2019 , 146, 3487	2.2	1
10	Musical instrument familiarity affects statistical learning of tone sequences. <i>Cognition</i> , 2022 , 218, 104949	9.5	0
9	Speech-evoked brain activity is more robust to competing speech when it is spoken by someone familiar. <i>NeuroImage</i> , 2021 , 237, 118107	7.9	0
8	A neural signature of regularity in sound is reduced in older adults. <i>Neurobiology of Aging</i> , 2021 , 109, 1-10	5.6	0
7	Neural Activity during Story Listening Is Synchronized across Individuals Despite Acoustic Masking.. <i>Journal of Cognitive Neuroscience</i> , 2022 , 1-18	3.1	0
6	Age-related deficits in dip-listening evident for isolated sentences but not for spoken stories.. <i>Scientific Reports</i> , 2022 , 12, 5898	4.9	0
5	A statistical atlas-based technique for automatic segmentation of the first Heschl's gyrus in human auditory cortex from MR images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 3320-3	0.9	

4	From sound to meaning: Hierarchical processing in speech comprehension 2005 , 298-305	
3	Atlas of the Human Brain. <i>Journal of Psychophysiology</i> , 2000 , 14, 194-195	1
2	Hemodynamic Imaging: Functional Magnetic Resonance Imaging. <i>Springer Handbook of Auditory Research</i> , 2012 , 129-162	1.2
1	Speech Perception Under Adverse Listening Conditions. <i>Springer Handbook of Auditory Research</i> , 2022 , 141-171	1.2