Jonathan E Peelle

List of Publications by Year
in descending order

85	6,794	94269 37	71532 76
papers	citations	h-index	g-index

95	95	95	7203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	13.7	634
2	Phase-Locked Responses to Speech in Human Auditory Cortex are Enhanced During Comprehension. Cerebral Cortex, 2013, 23, 1378-1387.	1.6	469
3	Listening Effort: How the Cognitive Consequences of Acoustic Challenge Are Reflected in Brain and Behavior. Ear and Hearing, 2018, 39, 204-214.	1.0	403
4	Neural Oscillations Carry Speech Rhythm through to Comprehension. Frontiers in Psychology, 2012, 3, 320.	1.1	401
5	Hearing Loss in Older Adults Affects Neural Systems Supporting Speech Comprehension. Journal of Neuroscience, 2011, 31, 12638-12643.	1.7	352
6	Predictive Top-Down Integration of Prior Knowledge during Speech Perception. Journal of Neuroscience, 2012, 32, 8443-8453.	1.7	314
7	Effortful Listening: The Processing of Degraded Speech Depends Critically on Attention. Journal of Neuroscience, 2012, 32, 14010-14021.	1.7	313
8	Converging Evidence for the Neuroanatomic Basis of Combinatorial Semantics in the Angular Gyrus. Journal of Neuroscience, 2015, 35, 3276-3284.	1.7	217
9	Neural Processing during Older Adults' Comprehension of Spoken Sentences: Age Differences in Resource Allocation and Connectivity. Cerebral Cortex, 2010, 20, 773-782.	1.6	207
10	The Neural Consequences of Age-Related Hearing Loss. Trends in Neurosciences, 2016, 39, 486-497.	4.2	197
11	Prediction and constraint in audiovisual speech perception. Cortex, 2015, 68, 169-181.	1.1	182
12	Effects of Adult Aging and Hearing Loss on Comprehension of Rapid Speech Varying in Syntactic Complexity. Journal of the American Academy of Audiology, 2006, 17, 487-497.	0.4	171
13	Adjusting for global effects in voxel-based morphometry: Gray matter decline in normal aging. NeuroImage, 2012, 60, 1503-1516.	2.1	166
14	American Geriatrics Society and National Institute on Aging Benchâ€toâ€Bedside Conference: Sensory Impairment and Cognitive Decline in Older Adults. Journal of the American Geriatrics Society, 2018, 66, 2052-2058.	1.3	146
15	Heteromodal conceptual processing in the angular gyrus. NeuroImage, 2013, 71, 175-186.	2.1	144
16	Hierarchical processing for speech in human auditory cortex and beyond. Frontiers in Human Neuroscience, 2010, 4, 51.	1.0	120
17	Listening effort and accented speech. Frontiers in Human Neuroscience, 2014, 8, 577.	1.0	120
18	Automatic analysis (aa): efficient neuroimaging workflows and parallel processing using Matlab and XML. Frontiers in Neuroinformatics, 2014, 8, 90.	1.3	116

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19	Causal Evidence for a Mechanism of Semantic Integration in the Angular Gyrus as Revealed by High-Definition Transcranial Direct Current Stimulation. Journal of Neuroscience, 2016, 36, 3829-3838.	1.7	108
20	Dissociations in Perceptual Learning Revealed by Adult Age Differences in Adaptation to Time-Compressed Speech.. Journal of Experimental Psychology: Human Perception and Performance, 2005, 31, 1315-1330.	0.7	104
21	The hemispheric lateralization of speech processing depends on what â€œspeechâ€•is: a hierarchical perspective. Frontiers in Human Neuroscience, 2012, 6, 309.	1.0	103
22	Sentence comprehension and voxel-based morphometry in progressive nonfluent aphasia, semantic dementia, and nonaphasic frontotemporal dementia. Journal of Neurolinguistics, 2008, 21, 418-432.	0.5	102
23	Speech Rate and Syntactic Complexity as Multiplicative Factors in Speech Comprehension by Young and Older Adults. Aging, Neuropsychology, and Cognition, 2003, 10, 310-322.	0.7	100
24	Dissociable patterns of brain activity during comprehension of rapid and syntactically complex speech: Evidence from fMRI. Brain and Language, 2004, 91, 315-325.	0.8	82
25	Effects of adult aging on utilization of temporal and semantic associations during free and serial recall. Memory and Cognition, 2008, 36, 947-956.	0.9	76
26	Linking somatic and symbolic representation in semantic memory: the dynamic multilevel reactivation framework. Psychonomic Bulletin and Review, 2016, 23, 1002-1014.	1.4	75
27	Anomia as a marker of distinct semantic memory impairments in Alzheimer's disease and semantic dementia.. Neuropsychology, 2011, 25, 413-426.	1.0	71
28	Evaluating an acoustically quiet EPI sequence for use in fMRI studies of speech and auditory processing. NeuroImage, 2010, 52, 1410-1419.	2.1	63
29	Methodological challenges and solutions in auditory functional magnetic resonance imaging. Frontiers in Neuroscience, 2014, 8, 253.	1.4	63
30	Top-down influences of written text on perceived clarity of degraded speech.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 186-199.	0.7	63
31	Effects of Mindfulness Based Stress Reduction Therapy on Subjective Bother and Neural Connectivity in Chronic Tinnitus. Otolaryngology - Head and Neck Surgery, 2015, 152, 919-926.	1.1	60
32	Effects of stimulus variability and adult aging on adaptation to time-compressed speech. Journal of the Acoustical Society of America, 2007, 121, 1701-1708.	0.5	49
33	Syntactic and thematic components of sentence processing in progressive nonfluent aphasia and nonaphasic frontotemporal dementia. Journal of Neurolinguistics, 2007, 20, 482-494.	0.5	49
34	Effects of Age, Acoustic Challenge, and Verbal Working Memory on Recall of Narrative Speech. Experimental Aging Research, 2016, 42, 97-111.	0.6	48
35	Individual differences in premotor and motor recruitment during speech perception. Neuropsychologia, 2012, 50, 1380-1392.	0.7	47
36	Face mask type affects audiovisual speech intelligibility and subjective listening effort in young and older adults. Cognitive Research: Principles and Implications, 2021, 6, 49.	1.1	47

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37	Arbitrary Symbolism in Natural Language Revisited: When Word Forms Carry Meaning. PLoS ONE, 2012, 7, e42286.	1.1	44
38	Is it logical to count on quantifiers? Dissociable neural networks underlying numerical and logical quantifiers. Neuropsychologia, 2009, 47, 104-111.	0.7	39
39	The Two Sides of Sensoryâ€“Cognitive Interactions: Effects of Age, Hearing Acuity, and Working Memory Span on Sentence Comprehension. Frontiers in Psychology, 2016, 7, 236.	1.1	38
40	Association between MAPT haplotype and memory function in patients with Parkinson's disease and healthy aging individuals. Neurobiology of Aging, 2015, 36, 1519-1528.	1.5	35
41	Spoken Sentence Processing in Young and Older Adults Modulated by Task Demands: Evidence From Self-Paced Listening. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2006, 61, P10-P17.	2.4	33
42	Mapping cortical responses to speech using high-density diffuse optical tomography. NeuroImage, 2015, 117, 319-326.	2.1	32
43	The Impact of Age, Background Noise, Semantic Ambiguity, and Hearing Loss on Recognition Memory for Spoken Sentences. Journal of Speech, Language, and Hearing Research, 2018, 61, 740-751.	0.7	32
44	Semantics of the Visual Environment Encoded in Parahippocampal Cortex. Journal of Cognitive Neuroscience, 2016, 28, 361-378.	1.1	31
45	Category-specific semantic memory: Converging evidence from bold fMRI and Alzheimer's disease. NeuroImage, 2013, 68, 263-274.	2.1	30
46	Relating brain anatomy and cognitive ability using a multivariate multimodal framework. NeuroImage, 2014, 99, 477-486.	2.1	29
47	Effects of Semantic Impairment on Language Processing in Semantic Dementia. Seminars in Speech and Language, 2008, 29, 032-043.	0.5	28
48	Frontal lobe damage impairs process and content in semantic memory: Evidence from category-specific effects inÂprogressive non-fluent aphasia. Cortex, 2011, 47, 645-658.	1.1	28
49	Acoustic richness modulates the neural networks supporting intelligible speech processing. Hearing Research, 2016, 333, 108-117.	0.9	25
50	The effects of hearing loss on neural processing and plasticity. Frontiers in Systems Neuroscience, 2015, 9, 35.	1.2	24
51	The effect of noninvasive brain stimulation on neural connectivity in Tinnitus: A randomized trial. Laryngoscope, 2016, 126, 1201-1206.	1.1	24
52	A unitary semantics account of reverse concreteness effects in semantic dementia. Brain and Language, 2007, 103, 86-87.	0.8	21
53	Age-related vulnerability in the neural systems supporting semantic processing. Frontiers in Aging Neuroscience, 2013, 5, 46.	1.7	21
54	Interaction between process and content in semantic memory: An fMRI study of noun feature knowledge. Neuropsychologia, 2009, 47, 995-1003.	0.7	19

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55	Association of Olfactory Training With Neural Connectivity in Adults With Postviral Olfactory Dysfunction. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 502.	1.2	19
56	How does hearing loss affect the brain?. Aging Health, 2012, 8, 107-109.	0.3	18
57	Frontotemporal neural systems supporting semantic processing in Alzheimerâ€™s disease. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 37-48.	1.0	16
58	A methodological assessment of studies that use voxel-based morphometry to study neural changes in tinnitus patients. Hearing Research, 2017, 355, 23-32.	0.9	16
59	Language Processing in Frontotemporal Dementia: A Brief Review. Language and Linguistics Compass, 2008, 2, 18-35.	1.3	14
60	Optical neuroimaging of spoken language. Language, Cognition and Neuroscience, 2017, 32, 847-854.	0.7	14
61	Test-Retest Reliability of Audiometric Assessment in Individuals With Mild Dementia. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 442.	1.2	14
62	Multivariate sensitivity to voice during auditory categorization. Journal of Neurophysiology, 2015, 114, 1819-1826.	0.9	12
63	Differences in Hearing Acuity among â€œNormal-Hearingâ€•Young Adults Modulate the Neural Basis for Speech Comprehension. ENeuro, 2018, 5, ENEURO.0263-17.2018.	0.9	12
64	Effects of Perceptual and Contextual Enrichment on Visual Confrontation Naming in Adult Aging. Journal of Speech, Language, and Hearing Research, 2011, 54, 1349-1360.	0.7	10
65	Pupillometry reveals cognitive demands of lexical competition during spoken word recognition in young and older adults. Psychonomic Bulletin and Review, 2022, 29, 268-280.	1.4	10
66	Mapping effective connectivity within cortical networks with diffuse optical tomography. Neurophotonics, 2017, 4, 041402.	1.7	9
67	Measuring the Subjective Cost of Listening Effort Using a Discounting Task. Journal of Speech, Language, and Hearing Research, 2021, 64, 337-347.	0.7	9
68	Domain-general cognitive motivation: evidence from economic decision-making. Cognitive Research: Principles and Implications, 2021, 6, 4.	1.1	9
69	Prefrontal cortex supports speech perception in listeners with cochlear implants. ELife, 0, 11, .	2.8	9
70	Speech Comprehension: Stimulating Discussions atÂaÂCocktail Party. Current Biology, 2018, 28, R68-R70.	1.8	8
71	Time Stand Still: Effects of Temporal Window Selection on Eye Tracking Analysis. Collabra: Psychology, 2021, 7, .	0.9	8
72	The neural basis for auditory and audiovisual speech perception. , 2019, , 193-216.		8

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73	Listening Effort in Age-Related Hearing Loss. Hearing Journal, 2016, 69, 10,12.	0.1	7
74	The English lexicon mirrors functional brain activation for a sensory hierarchy dominated by vision and audition: Point-counterpoint. Journal of Neurolinguistics, 2020, 55, 100895.	0.5	7
75	Age-Related Differences in Auditory Cortex Activity During Spoken Word Recognition. Neurobiology of Language (Cambridge, Mass), 2020, 1, 452-473.	1.7	7
76	Completion norms for 3085 English sentence contexts. Behavior Research Methods, 2020, 52, 1795-1799.	2.3	6
77	Magnitude and parity as complementary attributes of quantifier statements. Neuropsychologia, 2009, 47, 2684-2685.	0.7	5
78	Increased Connectivity among Sensory and Motor Regions during Visual and Audiovisual Speech Perception. Journal of Neuroscience, 2022, 42, 435-442.	1.7	5
79	Age-Related Sensory Deficits and Their Consequences. , 2020, , 179-199.		4
80	Effects of Age, Word Frequency, and Noise on the Time Course of Spoken Word Recognition. Collabra: Psychology, 2020, 6, .	0.9	4
81	Domain-general cognitive motivation: Evidence from economic decision-making â€“ Final Registered Report. Cognitive Research: Principles and Implications, 2022, 7, 23.	1.1	4
82	Optical Neuroimaging of Speech Perception in Listeners with Cochlear Implants. , 2020, , .		2
83	Introduction to Special Issue on Age, Hearing, and Speech Comprehension. Experimental Aging Research, 2016, 42, 1-2.	0.6	1
84	Distinctiveness of Anomia in Alzheimer's Disease and Semantic Dementia: A New Wrinkle on the Access-Storage Debate. Procedia, Social and Behavioral Sciences, 2010, 6, 185-186.	0.5	0
85	Cortical responses to degraded speech are modulated by linguistic predictions. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0