Joseph T Devlin

List of Publications by Year
in descending order

71	12,559	57758 44	91884 69
papers	citations	h-index	g-index

73	73	73	12634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigations into resting-state connectivity using independent component analysis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 1001-1013.	4.0	3,079
2	The myth of the visual word form area. NeuroImage, 2003, 19, 473-481.	4.2	652
3	The Interactive Account of ventral occipitotemporal contributions to reading. Trends in Cognitive Sciences, 2011, 15, 246-253.	7.8	578
4	Semantic Processing in the Left Inferior Prefrontal Cortex: A Combined Functional Magnetic Resonance Imaging and Transcranial Magnetic Stimulation Study. Journal of Cognitive Neuroscience, 2003, 15, 71-84.	2.3	498
5	Language Control in the Bilingual Brain. Science, 2006, 312, 1537-1540.	12.6	476
6	Susceptibility-Induced Loss of Signal: Comparing PET and fMRI on a Semantic Task. NeuroImage, 2000, 11, 589-600.	4.2	400
7	Interactions between decision making and performance monitoring within prefrontal cortex. Nature Neuroscience, 2004, 7, 1259-1265.	14.8	393
8	An anatomical signature for literacy. Nature, 2009, 461, 983-986.	27.8	362
9	Category-Specific Semantic Deficits in Focal and Widespread Brain Damage: A Computational Account. Journal of Cognitive Neuroscience, 1998, 10, 77-94.	2.3	344
10	The Neural Representation of Abstract Words: The Role of Emotion. Cerebral Cortex, 2014, 24, 1767-1777.	2.9	307
11	Double Dissociation of Semantic Categories in Alzheimer's Disease. Brain and Language, 1997, 57, 254-279.	1.6	303
12	Toward open sharing of task-based fMRI data: the OpenfMRI project. Frontiers in Neuroinformatics, 2013, 7, 12.	2.5	296
13	Triple Dissociation of Faces, Bodies, and Objects in Extrastriate Cortex. Current Biology, 2009, 19, 319-324.	3.9	291
14	Dissociating Linguistic Processes in the Left Inferior Frontal Cortex with Transcranial Magnetic Stimulation. Journal of Neuroscience, 2005, 25, 8010-8016.	3.6	288
15	Supramarginal gyrus involvement in visual word recognition. Cortex, 2009, 45, 1091-1096.	2.4	247
16	The Role of the Posterior Fusiform Gyrus in Reading. Journal of Cognitive Neuroscience, 2006, 18, 911-922.	2.3	235
17	Is there an anatomical basis for category-specificity? Semantic memory studies in PET and fMRI. Neuropsychologia, 2002, 40, 54-75.	1.6	233
18	Stimulating language: insights from TMS. Brain, 2007, 130, 610-622.	7.6	211

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19	The hearing ear is always found close to the speaking tongue : Review of the role of the motor system in speech perception. Brain and Language, 2017, 164, 77-105.	1.6	188
20	Anatomic Constraints on Cognitive Theories of Category Specificity. NeuroImage, 2002, 15, 675-685.	4.2	187
21	Metaâ€analyses of object naming: Effect of baseline. Human Brain Mapping, 2005, 25, 70-82.	3.6	186
22	In praise of tedious anatomy. NeuroImage, 2007, 37, 1033-1041.	4.2	185
23	From The Cover: Morphology and the internal structure of words. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14984-14988.	7.1	178
24	Directing spatial attention in mental representations: Interactions between attentional orienting and working-memory load. NeuroImage, 2005, 26, 733-743.	4.2	143
25	Anatomical Traces of Vocabulary Acquisition in the Adolescent Brain. Journal of Neuroscience, 2007, 27, 1184-1189.	3.6	141
26	On-line plasticity in spoken sentence comprehension: Adapting to time-compressed speech. NeuroImage, 2010, 49, 1124-1132.	4.2	125
27	The pro and cons of labelling a left occipitotemporal region: â€œthe visual word form areaâ€• NeuroImage, 2004, 22, 477-479.	4.2	120
28	Consistency and variability in functional localisers. NeuroImage, 2009, 46, 1018-1026.	4.2	116
29	Functional Asymmetry for Auditory Processing in Human Primary Auditory Cortex. Journal of Neuroscience, 2003, 23, 11516-11522.	3.6	110
30	Top-down modulation of ventral occipito-temporal responses during visual word recognition. NeuroImage, 2011, 55, 1242-1251.	4.2	106
31	The Role of the Left Head of Caudate in Suppressing Irrelevant Words. Journal of Cognitive Neuroscience, 2010, 22, 2369-2386.	2.3	99
32	On the fundamental role of anatomy in functional imaging: Reply to commentaries on â€œIn praise of tedious anatomyâ€• NeuroImage, 2007, 37, 1066-1068.	4.2	94
33	Reliable identification of the auditory thalamus using multi-modal structural analyses. NeuroImage, 2006, 30, 1112-1120.	4.2	89
34	Perirhinal Contributions to Human Visual Perception. Current Biology, 2007, 17, 1484-1488.	3.9	89
35	Early and Sustained Supramarginal Gyrus Contributions to Phonological Processing. Frontiers in Psychology, 2012, 3, 161.	2.1	85
36	Expertise with Artificial Nonspeech Sounds Recruits Speech-Sensitive Cortical Regions. Journal of Neuroscience, 2009, 29, 5234-5239.	3.6	73

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37	Orienting attention to semantic categories. NeuroImage, 2006, 33, 1178-1187.	4.2	72
38	Applying FSL to the FIAC data: Model-based and model-free analysis of voice and sentence repetition priming. Human Brain Mapping, 2006, 27, 380-391.	3.6	69
39	How Does Learning to Read Affect Speech Perception?. Journal of Neuroscience, 2010, 30, 8435-8444.	3.6	69
40	How reading differs from object naming at the neuronal level. NeuroImage, 2006, 29, 643-648.	4.2	67
41	The causal role of category-specific neuronal representations in the left ventral premotor cortex (PMv) in semantic processing. NeuroImage, 2010, 49, 2728-2734.	4.2	66
42	Inferior Parietal Lobule Contributions to Visual Word Recognition. Journal of Cognitive Neuroscience, 2015, 27, 593-604.	2.3	64
43	Left Inferior Prefrontal Cortex Activity Reflects Inhibitory Rather Than Facilitatory Priming. Journal of Cognitive Neuroscience, 2004, 16, 1552-1561.	2.3	50
44	HOW IS THE FUSIFORM GYRUS RELATED TO CATEGORY-SPECIFICITY?. Cognitive Neuropsychology, 2003, 20, 561-574.	1.1	48
45	Category-related activation for written words in the posterior fusiform is task specific. Neuropsychologia, 2005, 43, 69-74.	1.6	47
46	Stimulating Multiple-Demand Cortex Enhances Vocabulary Learning. Journal of Neuroscience, 2017, 37, 7606-7618.	3.6	44
47	The effect of speech distortion on the excitability of articulatory motor cortex. NeuroImage, 2016, 128, 218-226.	4.2	42
48	Towards understanding language organisation in the brain using fMRI. Human Brain Mapping, 2003, 18, 239-247.	3.6	38
49	Investigating Occipito-temporal Contributions to Reading with TMS. Journal of Cognitive Neuroscience, 2010, 22, 739-750.	2.3	36
50	Roles of frontal and temporal regions in reinterpreting semantically ambiguous sentences. Frontiers in Human Neuroscience, 2014, 8, 530.	2.0	35
51	Transcranial Magnetic Stimulation for Investigating Causal Brain-behavioral Relationships and their Time Course. Journal of Visualized Experiments, 2014, , .	0.3	31
52	Inter- and Intrahemispheric Connectivity Differences When Reading Japanese Kanji and Hiragana. Cerebral Cortex, 2014, 24, 1601-1608.	2.9	29
53	Engagement in video and audio narratives: contrasting self-report and physiological measures. Scientific Reports, 2020, 10, 11298.	3.3	25
54	Improving the reliability of functional localizers. NeuroImage, 2011, 57, 1022-1030.	4.2	24

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55	Modulation of intra- and inter-hemispheric connectivity between primary and premotor cortex during speech perception. Brain and Language, 2018, 187, 74-82.	1.6	23
56	The role of hearing ability and speech distortion in the facilitation of articulatory motor cortex. Neuropsychologia, 2017, 94, 13-22.	1.6	22
57	Broca's area plays a causal role in morphosyntactic processing. Neuropsychologia, 2012, 50, 816-820.	1.6	20
58	Speech Perception: Motoric Contributions versus the Motor Theory. Current Biology, 2009, 19, R198-R200.	3.9	19
59	Dissociating visual form from lexical frequency using Japanese. Brain and Language, 2013, 125, 184-193.	1.6	18
60	How Early Does the Brain Distinguish between Regular Words, Irregular Words, and Pseudowords during the Reading Process? Evidence from Neurochronometric TMS. Journal of Cognitive Neuroscience, 2015, 27, 1259-1274.	2.3	18
61	Dissociable neural representations of grammatical gender in Broca's area investigated by the combination of satiation and TMS. NeuroImage, 2009, 47, 700-704.	4.2	16
62	Using transcranial magnetic stimulation of the undamaged brain to identify lesion sites that predict language outcome after stroke. Brain, 2017, 140, 1729-1742.	7.6	16
63	Cognitive mechanisms underpinning successful perception of different speech distortions. Journal of the Acoustical Society of America, 2020, 147, 2728-2740.	1.1	8
64	Huntâ€“Vitellâ€™s General Theory of Marketing Ethics Predicts â€œAttitude-Behaviourâ€•Gap in Pro-environmental Domain. Frontiers in Psychology, 2022, 13, 732661.	2.1	6
65	Motor Imagery of Speech: The Involvement of Primary Motor Cortex in Manual and Articulatory Motor Imagery. Frontiers in Human Neuroscience, 2019, 13, 195.	2.0	5
66	Effects of Long Term Unilateral Hearing Loss on the Lateralization of fMRI Measured Activation in Human Auditory Cortex. , 2005, , 335-346.		4
67	Transcranial Magnetic Stimulation (TMS) as a Tool for Studying Language. , 2008, , 115-124.		3
68	A Study of Null Effects for the Use of Transcranial Direct Current Stimulation (tDCS) in Adults With and Without Reading Impairment. Neurobiology of Language (Cambridge, Mass), 2020, 1, 434-451.	3.1	2
69	Speech motor facilitation is not affected by ageing but is modulated by task demands during speech perception. Neuropsychologia, 2022, 166, 108135.	1.6	2
70	Current Perspectives on Imaging Language. On Thinking, 2009, , 123-139.	0.5	1
71	Efficiency, information theory, and neural representations. Behavioral and Brain Sciences, 2000, 23, 475-476.	0.7	0