

James V Haxby

List of Publications by Citations

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53
papers

13,244
citations

34
h-index

62
g-index

62
ext. papers

15,388
ext. citations

8.9
avg, IF

6.58
L-index

#	Paper	IF	Citations
53	The distributed human neural system for face perception. <i>Trends in Cognitive Sciences</i> , 2000 , 4, 223-233	14	3437
52	Beyond mind-reading: multi-voxel pattern analysis of fMRI data. <i>Trends in Cognitive Sciences</i> , 2006 , 10, 424-30	14	1621
51	Neural correlates of category-specific knowledge. <i>Nature</i> , 1996 , 379, 649-52	50.4	1441
50	Distinct representations of eye gaze and identity in the distributed human neural system for face perception. <i>Nature Neuroscience</i> , 2000 , 3, 80-4	25.5	978
49	Neural systems for recognition of familiar faces. <i>Neuropsychologia</i> , 2007 , 45, 32-41	3.2	647
48	Mothers' neural activation in response to pictures of their children and other children. <i>Biological Psychiatry</i> , 2004 , 56, 225-32	7.9	397
47	Decoding neural representational spaces using multivariate pattern analysis. <i>Annual Review of Neuroscience</i> , 2014 , 37, 435-56	17	386
46	A common, high-dimensional model of the representational space in human ventral temporal cortex. <i>Neuron</i> , 2011 , 72, 404-16	13.9	381
45	Implicit trustworthiness decisions: automatic coding of face properties in the human amygdala. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 1508-19	3.1	373
44	PyMVPA: A python toolbox for multivariate pattern analysis of fMRI data. <i>Neuroinformatics</i> , 2009 , 7, 37-53	3.2	322
43	Two takes on the social brain: a comparison of theory of mind tasks. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 1803-14	3.1	313
42	The representation of biological classes in the human brain. <i>Journal of Neuroscience</i> , 2012 , 32, 2608-18	6.6	272
41	CoSMoMVPA: Multi-Modal Multivariate Pattern Analysis of Neuroimaging Data in Matlab/GNU Octave. <i>Frontiers in Neuroinformatics</i> , 2016 , 10, 27	3.9	243
40	Partially distributed representations of objects and faces in ventral temporal cortex. <i>Journal of Cognitive Neuroscience</i> , 2005 , 17, 580-90	3.1	238
39	Social and emotional attachment in the neural representation of faces. <i>NeuroImage</i> , 2004 , 22, 1628-35	7.9	225
38	Combinatorial codes in ventral temporal lobe for object recognition: Haxby (2001) revisited: is there a "face" area?. <i>NeuroImage</i> , 2004 , 23, 156-66	7.9	211
37	Multivariate pattern analysis of fMRI: the early beginnings. <i>NeuroImage</i> , 2012 , 62, 852-5	7.9	199

36	Neural response to the visual familiarity of faces. <i>Brain Research Bulletin</i> , 2006 , 71, 76-82	3.9	125
35	Function-based intersubject alignment of human cortical anatomy. <i>Cerebral Cortex</i> , 2010 , 20, 130-40	5.1	122
34	A Model of Representational Spaces in Human Cortex. <i>Cerebral Cortex</i> , 2016 , 26, 2919-2934	5.1	119
33	Beyond amygdala: Default Mode Network activity differs between patients with social phobia and healthy controls. <i>Brain Research Bulletin</i> , 2009 , 79, 409-13	3.9	117
32	The representation of self and person knowledge in the medial prefrontal cortex. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2012 , 3, 451-470	4.5	115
31	Differential modulation of neural activity throughout the distributed neural system for face perception in patients with Social Phobia and healthy subjects. <i>Brain Research Bulletin</i> , 2008 , 77, 286-92	3.9	97
30	Dissociation of face-selective cortical responses by attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 1065-70	11.5	95
29	The animacy continuum in the human ventral vision pathway. <i>Journal of Cognitive Neuroscience</i> , 2015 , 27, 665-78	3.1	93
28	PyMVPA: A Unifying Approach to the Analysis of Neuroscientific Data. <i>Frontiers in Neuroinformatics</i> , 2009 , 3, 3	3.9	89
27	Effect of task difficulty on cerebral blood flow during perceptual matching of faces. <i>Human Brain Mapping</i> , 1996 , 4, 227-39	5.9	80
26	Inter-subject alignment of human cortical anatomy using functional connectivity. <i>NeuroImage</i> , 2013 , 81, 400-411	7.9	77
25	Attention Selectively Reshapes the Geometry of Distributed Semantic Representation. <i>Cerebral Cortex</i> , 2017 , 27, 4277-4291	5.1	60
24	Selective attention to face identity and color studied with f MRI. <i>Human Brain Mapping</i> , 1997 , 5, 293-7	5.9	58
23	Distributed Neural Systems for Face Perception 2011 ,		47
22	A computational model of shared fine-scale structure in the human connectome. <i>PLoS Computational Biology</i> , 2018 , 14, e1006120	5	45
21	How the Human Brain Represents Perceived Dangerousness or "Predacity" of Animals. <i>Journal of Neuroscience</i> , 2016 , 36, 5373-84	6.6	36
20	Reliable individual differences in fine-grained cortical functional architecture. <i>NeuroImage</i> , 2018 , 183, 375-386	7.9	34
19	Hyperalignment: Modeling shared information encoded in idiosyncratic cortical topographies. <i>ELife</i> , 2020 , 9,	8.9	33

18	Naturalistic stimuli reveal a dominant role for agentic action in visual representation. <i>NeuroImage</i> , 2020 , 216, 116561	7.9	15
17	Regularized hyperalignment of multi-set fMRI data 2012 ,		15
16	Decoding individual differences in STEM learning from functional MRI data. <i>Nature Communications</i> , 2019 , 10, 2027	17.4	14
15	fMRI-Based Inter-Subject Cortical Alignment Using Functional Connectivity. <i>Advances in Neural Information Processing Systems</i> , 2009 , 22, 378-386	2.2	14
14	Modeling Semantic Encoding in a Common Neural Representational Space. <i>Frontiers in Neuroscience</i> , 2018 , 12, 437	5.1	11
13	Predicting individual face-selective topography using naturalistic stimuli. <i>NeuroImage</i> , 2020 , 216, 116458	7.9	9
12	Joint SVD-Hyperalignment for multi-subject fMRI data alignment 2014 ,		8
11	Neural Responses to Naturalistic Clips of Behaving Animals in Two Different Task Contexts. <i>Frontiers in Neuroscience</i> , 2018 , 12, 316	5.1	7
10	CoSMoMVPA: multi-modal multivariate pattern analysis of neuroimaging data in Matlab / GNU Octave		5
9	The neural basis of intelligence in fine-grained cortical topographies. <i>ELife</i> , 2021 , 10,	8.9	5
8	Structural Basis of Semantic Memory ? 2017 , 133-151		3
7	Using the force: STEM knowledge and experience construct shared neural representations of engineering concepts. <i>Npj Science of Learning</i> , 2020 , 5, 6	6	2
6	A computational model of shared fine-scale structure in the human connectome		2
5	The neural basis of intelligence in fine-grained cortical topographies		2
4	Effect of task difficulty on cerebral blood flow during perceptual matching of faces 1996 , 4, 227		2
3	Attention selectively reshapes the geometry of distributed semantic representation		1
2	Reliable individual differences in fine-grained cortical functional architecture		1
1	Hybrid hyperalignment: A single high-dimensional model of shared information embedded in cortical patterns of response and functional connectivity. <i>NeuroImage</i> , 2021 , 233, 117975	7.9	1

