J Brendan Ritchie

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3546003/publications.pdf

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35	840	759233	610901
papers	citations	12 h-index	24 g-index

39	39	39	655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the partnership between neural representations of object categories and visual features in the ventral visual pathway. Neuropsychologia, 2017, 105, 153-164.	1.6	93
2	Decoding the Brain: Neural Representation and the Limits of Multivariate Pattern Analysis in Cognitive Neuroscience. British Journal for the Philosophy of Science, 2019, 70, 581-607.	2.3	87
3	Emerging Object Representations in the Visual System Predict Reaction Times for Categorization. PLoS Computational Biology, 2015, 11, e1004316.	3.2	83
4	Reaction Time for Object Categorization Is Predicted by Representational Distance. Journal of Cognitive Neuroscience, 2014, 26, 132-142.	2.3	72
5	The Ventral Visual Pathway Represents Animal Appearance over Animacy, Unlike Human Behavior and Deep Neural Networks. Journal of Neuroscience, 2019, 39, 6513-6525.	3.6	60
6	Avoiding illusory effects in representational similarity analysis: What (not) to do with the diagonal. NeuroImage, 2017, 148, 197-200.	4.2	57
7	Factors Determining Where Category-Selective Areas Emerge in Visual Cortex. Trends in Cognitive Sciences, 2019, 23, 784-797.	7.8	55
8	Orthogonal Representations of Object Shape and Category in Deep Convolutional Neural Networks and Human Visual Cortex. Scientific Reports, 2020, 10, 2453.	3.3	47
9	Neural Decoding and â€œInnerâ€•Psychophysics: A Distance-to-Bound Approach for Linking Mind, Brain, and Behavior. Frontiers in Neuroscience, 2016, 10, 190.	2.8	45
10	Ghosts in machine learning for cognitive neuroscience: Moving from data to theory. NeuroImage, 2018, 180, 88-100.	4.2	35
11	The emergence of metacognition: affect and uncertainty in animals. , 2012, , 76-93.		34
12	Untangling the Animacy Organization of Occipitotemporal Cortex. Journal of Neuroscience, 2021, 41, 7103-7119.	3.6	25
13	Asymmetric Compression of Representational Space for Object Animacy Categorization under Degraded Viewing Conditions. Journal of Cognitive Neuroscience, 2017, 29, 1995-2010.	2.3	21
14	Edge-Related Activity Is Not Necessary to Explain Orientation Decoding in Human Visual Cortex. Journal of Neuroscience, 2017, 37, 1187-1196.	3.6	16
15	One object, two networks? Assessing the relationship between the face and body-selective regions in the primate visual system. Brain Structure and Function, 2022, 227, 1423-1438.	2.3	13
16	Mirror, mirror, on the wall, is that even my hand at all? Changes in the afterimage of one's reflection in a mirror in response to bodily movement. Neuropsychologia, 2010, 48, 1495-1500.	1.6	11
17	A Varying Role for Abstraction in Models of Category Learning Constructed from Neural Representations in Early Visual Cortex. Journal of Cognitive Neuroscience, 2019, 31, 155-173.	2.3	11
18	The content of Marrâ€™s information-processing framework. Philosophical Psychology, 2019, 32, 1078-1099.	0.9	10

#	Article	IF	Citations
19	Using neural distance to predict reaction time for categorizing the animacy, shape, and abstract properties of objects. Scientific Reports, 2019, 9, 13201.	3.3	10
20	The Evolution of Self-Knowledge. Philosophical Topics, 2012, 40, 13-37.	0.3	8
21	The unreliable influence of multivariate noise normalization on the reliability of neural dissimilarity. NeuroImage, 2021, 245, 118686.	4.2	8
22	Can Object Category-Selectivity in the Ventral Visual Pathway Be Explained by Sensitivity to Low-Level Image Properties?. Journal of Neuroscience, 2014, 34, 14817-14819.	3.6	7
23	Tool Integration and Dynamic Touch. Psychological Science, 2013, 24, 1066-1068.	3.3	6
24	The Bodily Senses. , 0, , .		6
25	When Scenes Look Like Materials: RenÃ© Magritteâ€™s Reversible Figureâ€“Ground Motif. Art and Perception, 2020, 8, 299-310.	0.5	4
26	Massive modularity is consistent with most forms of neural reuse. Behavioral and Brain Sciences, 2010, 33, 289-290.	0.7	3
27	Chalmers on Implementation and Computational Sufficiency. Journal of Cognitive Science, 2011, 12, 407-425.	0.2	2
28	Whatâ€™s wrong with the minimal conception of innateness in cognitive science?. SynthÃˆse, 2020, , 1.	1.1	1
29	Material perception for philosophers. Philosophy Compass, 2021, 16, e12777.	1.3	1
30	Talking about Causing Events. The Baltic International Yearbook of Cognition, Logic and Communication, 2014, 9, .	0.4	1
31	The Zombie Attack, Perryâ€™s Parry, and a Riposte: A Slight Softening of the â€œHard Problemâ€•of Consciousness. Topoi, 2017, 36, 55-65.	1.3	0
32	The Variable Role of Abstraction in the Neural Representation of Categories in the Visual System. Journal of Vision, 2017, 17, 1233.	0.3	0
33	Deep Neural Networks Represent Semantic Category in Object Images Independently from Low-level Shape. , 2018, , .		0
34	The unreliable influence of noise normalization on the reliability of neural dissimilarity in visual and non-visual cortex. Journal of Vision, 2020, 20, 515.	0.3	0
35	Recognizing why vision is inferential. SynthÃˆse, 2022, 200, 1.	1.1	0