Jean-RenÃ© Duhamel

List of Publications by Year
in descending order

81 papers	11,540 citations	61857 43 h-index	74018 75 g-index
83 all docs	83 docs citations	83 times ranked	8083 citing authors

#	Article	IF	Citations
1	Two functions of the primate amygdala in social gaze. Neuropsychologia, 2021, 157, 107881.	0.7	3
2	The role of the posterior parietal cortex in saccadic error processing. Brain Structure and Function, 2020, 225, 763-784.	1.2	7
3	Short-Term Reciprocity in Macaqueâ€™s Social Decision-Making. Frontiers in Behavioral Neuroscience, 2019, 13, 225.	1.0	2
4	Schema cells in the macaque hippocampus. Science, 2019, 363, 635-639.	6.0	81
5	Face cells in orbitofrontal cortex represent social categories. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11158-E11167.	3.3	43
6	Implicit preference for human trustworthy faces in macaque monkeys. Nature Communications, 2018, 9, 4529.	5.8	9
7	Selective Inhibition of Volitional Hand Movements after Stimulation of the Dorsoposterior Parietal Cortex in Humans. Current Biology, 2018, 28, 3303-3309.e3.	1.8	35
8	Oxytocin and Serotonin Brain Mechanisms in the Nonhuman Primate. Journal of Neuroscience, 2017, 37, 6741-6750.	1.7	52
9	Leftward oculomotor prismatic training induces a rightward bias in normal subjects. Experimental Brain Research, 2017, 235, 1759-1770.	0.7	11
10	A comparison of methods to measure central and peripheral oxytocin concentrations in human and non-human primates. Scientific Reports, 2017, 7, 17222.	1.6	75
11	Gaze-informed, task-situated representation of space in primate hippocampus during virtual navigation. PLoS Biology, 2017, 15, e2001045.	2.6	75
12	Social Decision-Making in Nonhuman Primates. , 2017, , 179-187.		0
13	Independent Neuronal Representation of Facial and Vocal Identity in the Monkey Hippocampus and Inferotemporal Cortex. Cerebral Cortex, 2016, 26, 950-966.	1.6	42
14	Effects of MDMA Injections on the Behavior of Socially-Housed Long-Tailed Macaques (Macaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.1	7
15	Reply to Cronin: Consistency between decision-making, gaze, and natural social behavior validates inferences on macaque social cognition. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1332-E1333.	3.3	0
16	Reward and decision processes in the brains of humans and nonhuman primates. Dialogues in Clinical Neuroscience, 2016, 18, 45-53.	1.8	8
17	Differential Dynamics of Spatial Attention, Position, and Color Coding within the Parietofrontal Network. Journal of Neuroscience, 2015, 35, 3174-3189.	1.7	44
18	Blood microsampling from the ear capillary in non-human primates. Laboratory Animals, 2015, 49, 349-352.	0.5	3

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19	Rudimentary empathy in macaquesâ€™ social decision-making. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15516-15521.	3.3	41
20	Compete to Play: Trade-Off with Social Contact in Long-Tailed Macaques (Macaca fascicularis). PLoS ONE, 2014, 9, e115965.	1.1	12
21	A real-time 3D video tracking system for monitoring primate groups. Journal of Neuroscience Methods, 2014, 234, 147-152.	1.3	36
22	A Functional Hierarchy within the Parietofrontal Network in Stimulus Selection and Attention Control. Journal of Neuroscience, 2013, 33, 8359-8369.	1.7	79
23	Modulation of value representation by social context in the primate orbitofrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2126-2131.	3.3	144
24	Differential effects of parietal and frontal inactivations on reaction times distributions in a visual search task. Frontiers in Integrative Neuroscience, 2012, 6, 39.	1.0	24
25	Spontaneous voiceâ€“face identity matching by rhesus monkeys for familiar conspecifics and humans. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1735-1740.	3.3	138
26	The relationship between spatial attention and saccades in the frontoparietal network of the monkey. European Journal of Neuroscience, 2011, 33, 1973-1981.	1.2	41
27	Promoting social behavior with oxytocin in high-functioning autism spectrum disorders. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4389-4394.	3.3	807
28	The role of the right parietal lobe in anorexia nervosa. Psychological Medicine, 2010, 40, 1531-1539.	2.7	72
29	Salience Representation in the Parietal and Frontal Cortex. Journal of Cognitive Neuroscience, 2010, 22, 918-930.	1.1	28
30	Optimal Sensorimotor Control in Eye Movement Sequences. Journal of Neuroscience, 2009, 29, 3026-3035.	1.7	47
31	Visual search without attentional displacement. Journal of Vision, 2009, 9, 9-9.	0.1	6
32	Attentional guidance relies on a winner-take-all mechanism. Vision Research, 2009, 49, 1522-1531.	0.7	15
33	Individualism, conservatism, and radicalism as criteria for processing political beliefs: A parametric fMRI study. Social Neuroscience, 2009, 4, 367-383.	0.7	61
34	The Spatial and Temporal Deployment of Voluntary Attention across the Visual Field. PLoS ONE, 2009, 4, e6716.	1.1	20
35	Parallel integral projection transform for straight electrode localization in 3-D ultrasound images. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1559-1569.	1.7	50
36	Spatial and Temporal Dynamics of Attentional Guidance during Inefficient Visual Search. PLoS ONE, 2008, 3, e2219.	1.1	17

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37	Optimal Sensorimotor Integration in Recurrent Cortical Networks: A Neural Implementation of Kalman Filters. Journal of Neuroscience, 2007, 27, 5744-5756.	1.7	110
38	Multisensory Integration in the Ventral Intraparietal Area of the Macaque Monkey. Journal of Neuroscience, 2007, 27, 1922-1932.	1.7	231
39	Contribution of the Monkey Frontal Eye Field to Covert Visual Attention. Journal of Neuroscience, 2006, 26, 4228-4235.	1.7	214
40	Reference frames for representing visual and tactile locations in parietal cortex. Nature Neuroscience, 2005, 8, 941-949.	7.1	393
41	Movement, action and consciousness: toward a physiology of intentionality. Neuropsychologia, 2005, 43, 149-150.	0.7	0
42	The Influence of Hand Posture on Corticospinal Excitability during Motor Imagery: A Transcranial Magnetic Stimulation Study. Cerebral Cortex, 2004, 14, 1200-1206.	1.6	143
43	The Involvement of the Orbitofrontal Cortex in the Experience of Regret. Science, 2004, 304, 1167-1170.	6.0	651
44	Spatial Coding of the Predicted Impact Location of a Looming Object. Current Biology, 2004, 14, 1174-1180.	1.8	13
45	Multisensory integration in multiple reference frames in the posterior parietal cortex. Cognitive Processing, 2004, 5, 159.	0.7	25
46	A Deficit in Covert Attention after Parietal Cortex Inactivation in the Monkey. Neuron, 2004, 42, 501-508.	3.8	164
47	Multisensory selfâ€motion encoding in parietal cortex. Visual Cognition, 2004, 11, 161-172.	0.9	3
48	Visual Receptive Field Modulation in the Lateral Intraparietal Area during Attentive Fixation and Free Gaze. Cerebral Cortex, 2002, 12, 234-245.	1.6	88
49	Multisensory Integration in Cortex. Neuron, 2002, 34, 493-495.	3.8	6
50	Saccadic Target Selection Deficits after Lateral Intraparietal Area Inactivation in Monkeys. Journal of Neuroscience, 2002, 22, 9877-9884.	1.7	203
51	Ocular fixation and visual activity in the monkey lateral intraparietal area. Experimental Brain Research, 2002, 142, 512-528.	0.7	44
52	Visual-vestibular interactive responses in the macaque ventral intraparietal area (VIP). European Journal of Neuroscience, 2002, 16, 1569-1586.	1.2	283
53	Heading encoding in the macaque ventral intraparietal area (VIP). European Journal of Neuroscience, 2002, 16, 1554-1568.	1.2	200
54	A computational perspective on the neural basis of multisensory spatial representations. Nature Reviews Neuroscience, 2002, 3, 741-747.	4.9	631

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55	Motor and Visual Imagery as Two Complementary but Neurally Dissociable Mental Processes. Journal of Cognitive Neuroscience, 2001, 13, 910-919.	1.1	360
56	Space Coding in Primate Posterior Parietal Cortex. NeuroImage, 2001, 14, S46-S51.	2.1	178
57	Representation of the visual field in the lateral intraparietal area of macaque monkeys: a quantitative receptive field analysis. Experimental Brain Research, 2001, 140, 127-144.	0.7	214
58	Stages of Self-Motion Processing in Primate Posterior Parietal Cortex. International Review of Neurobiology, 2000, 44, 173-198.	0.9	45
59	Eye position encoding in the macaque ventral intraparietal area (VIP). NeuroReport, 1999, 10, 873-878.	0.6	57
60	Ventral Intraparietal Area of the Macaque: Congruent Visual and Somatic Response Properties. Journal of Neurophysiology, 1998, 79, 126-136.	0.9	747
61	Spatial invariance of visual receptive fields in parietal cortex neurons. Nature, 1997, 389, 845-848.	13.7	552
62	Attentional Modulation of Visual Receptive Fields in the Posterior Parietal Cortex of the Behaving Macaque. , 1997, , 371-384.		8
63	The Representation of Movement in Near Extra-Personal Space in the Macaque Ventral Intraparietal Area (VIP). , 1997, , 619-630.		26
64	Spatial representations for action in parietal cortex. Cognitive Brain Research, 1996, 5, 105-115.	3.3	190
65	The Mental Representation of Hand Movements After Parietal Cortex Damage. Science, 1996, 273, 1564-1568.	6.0	801
66	Visual, presaccadic, and cognitive activation of single neurons in monkey lateral intraparietal area. Journal of Neurophysiology, 1996, 76, 2841-2852.	0.9	923
67	Multiple Parietal Representations of Space. , 1996, , 37-52.		3
68	Congruent unilateral impairments for real and imagined hand movements. NeuroReport, 1995, 6, 997-1001.	0.6	267
69	Oculocentric Spatial Representation in Parietal Cortex. Cerebral Cortex, 1995, 5, 470-481.	1.6	236
70	A Selective Impairment of Hand Posture for Object Utilization in Apraxia. Cortex, 1995, 31, 41-55.	1.1	199
71	Plasticity â€" Memory â€" Attention. , 1994, , 221-285.		0
72	Chapter 27 The analysis of visual space by the lateral intraparietal area of the monkey: the role of extraretinal signals. Progress in Brain Research, 1993, 95, 307-316.	0.9	68

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73	SACCADIC DYSMETRIA IN A PATIENT WITH A RIGHT FRONTOPARIETAL LESION. Brain, 1992, 115, 1387-1402.	3.7	185
74	THE ROLE OF SENSORIMOTOR EXPERIENCE IN OBJECT RECOGNITION. Brain, 1991, 114, 2555-2573.	3.7	291
75	Heterogeneity of extrastriate visual areas and multiple parietal areas in the Macaque monkey. Neuropsychologia, 1991, 29, 517-537.	0.7	308
76	Sensorimotor aspects of unilateral neglect: A single case analysis. Cognitive Neuropsychology, 1990, 7, 57-74.	0.4	20
77	Representation of Visuomotor Space in the Parietal Lobe of the Monkey. Cold Spring Harbor Symposia on Quantitative Biology, 1990, 55, 729-739.	2.0	184
78	Audio-Spatial Deficits in Humans: Differential Effects Associated with Left Versus Right Hemisphere Parietal Damage. Cortex, 1989, 25, 175-186.	1.1	86
79	Manual Pointing to Auditory Targets: Performances of Right Versus Left Handed Subjects. Cortex, 1986, 22, 633-638.	1.1	7
80	Deep dysphasia in a case of phonemic deafness: Role of the right hemisphere in auditory language comprehension. Neuropsychologia, 1986, 24, 769-779.	0.7	31
81	Effect of Serotonin Depletion Induced by p-Chloroamphetamine on Changes in Ratsâ€™ Activity Levels Produced by Lithium. Neuropsychobiology, 1982, 8, 129-134.	0.9	9