

Edmund T Rolls

List of Publications by Year in descending order

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486
papers

61,537
citations

553

126
h-index

1280

225
g-index

501
all docs

501
docs citations

501
times ranked

30309
citing authors

#	ARTICLE	IF	CITATIONS
1	Psychophysiological and Modulatory Interactions in Neuroimaging. <i>NeuroImage</i> , 1997, 6, 218-229.	2.1	2,807
2	Abstract reward and punishment representations in the human orbitofrontal cortex. <i>Nature Neuroscience</i> , 2001, 4, 95-102.	7.1	1,799
3	The functional neuroanatomy of the human orbitofrontal cortex: evidence from neuroimaging and neuropsychology. <i>Progress in Neurobiology</i> , 2004, 72, 341-372.	2.8	1,757
4	The Orbitofrontal Cortex and Reward. <i>Cerebral Cortex</i> , 2000, 10, 284-294.	1.6	1,375
5	Visual neurones responsive to faces in the monkey temporal cortex. <i>Experimental Brain Research</i> , 1982, 47, 329-42.	0.7	1,168
6	Computational analysis of the role of the hippocampus in memory. <i>Hippocampus</i> , 1994, 4, 374-391.	0.9	1,097
7	The functions of the orbitofrontal cortex. <i>Brain and Cognition</i> , 2004, 55, 11-29.	0.8	1,057
8	Cognitive dysfunction in psychiatric disorders: characteristics, causes and the quest for improved therapy. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 141-168.	21.5	960
9	Automated anatomical labelling atlas 3. <i>NeuroImage</i> , 2020, 206, 116189.	2.1	777
10	Sensory specific satiety in man. <i>Physiology and Behavior</i> , 1981, 27, 137-142.	1.0	746
11	The orbitofrontal cortex and beyond: From affect to decision-making. <i>Progress in Neurobiology</i> , 2008, 86, 216-244.	2.8	702
12	Face and voice expression identification in patients with emotional and behavioural changes following ventral frontal lobe damage. <i>Neuropsychologia</i> , 1996, 34, 247-261.	0.7	697
13	Computational constraints suggest the need for two distinct input systems to the hippocampal CA3 network. <i>Hippocampus</i> , 1992, 2, 189-199.	0.9	672
14	Value, pleasure and choice in the ventral prefrontal cortex. <i>Trends in Cognitive Sciences</i> , 2011, 15, 56-67.	4.0	624
15	The role of expression and identity in the face-selective responses of neurons in the temporal visual cortex of the monkey. <i>Behavioural Brain Research</i> , 1989, 32, 203-218.	1.2	593
16	A computational theory of hippocampal function, and empirical tests of the theory. <i>Progress in Neurobiology</i> , 2006, 79, 1-48.	2.8	557
17	Reward-related Reversal Learning after Surgical Excisions in Orbito-frontal or Dorsolateral Prefrontal Cortex in Humans. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 463-478.	1.1	550
18	Different representations of pleasant and unpleasant odours in the human brain. <i>European Journal of Neuroscience</i> , 2003, 18, 695-703.	1.2	525

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19	INVARIANT FACE AND OBJECT RECOGNITION IN THE VISUAL SYSTEM. Progress in Neurobiology, 1997, 51, 167-194.	2.8	523
20	Taste-olfactory convergence, and the representation of the pleasantness of flavour, in the human brain. European Journal of Neuroscience, 2003, 18, 2059-2068.	1.2	517
21	Variety in a meal enhances food intake in man. Physiology and Behavior, 1981, 26, 215-221.	1.0	515
22	Cognitive Modulation of Olfactory Processing. Neuron, 2005, 46, 671-679.	3.8	507
23	Implementation of a new parcellation of the orbitofrontal cortex in the automated anatomical labeling atlas. NeuroImage, 2015, 122, 1-5.	2.1	475
24	Impulsivity, time perception, emotion and reinforcement sensitivity in patients with orbitofrontal cortex lesions. Brain, 2004, 127, 1108-1126.	3.7	441
25	Hunger Modulates the Responses to Gustatory Stimuli of Single Neurons in the Caudolateral Orbitofrontal Cortex of the Macaque Monkey. European Journal of Neuroscience, 1989, 1, 53-60.	1.2	430
26	A theory of hippocampal function in memory. , 1996, 6, 601-620.		407
27	Neurons in the amygdala of the monkey with responses selective for faces. Behavioural Brain Research, 1985, 15, 159-176.	1.2	404
28	The cingulate cortex and limbic systems for emotion, action, and memory. Brain Structure and Function, 2019, 224, 3001-3018.	1.2	402
29	Bombesin suppresses feeding in rats. Nature, 1979, 282, 208-210.	13.7	392
30	How sensory properties of foods affect human feeding behavior. Physiology and Behavior, 1982, 29, 409-417.	1.0	367
31	Responses of neurons in primary and inferior temporal visual cortices to natural scenes. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1775-1783.	1.2	366
32	Taste, olfactory, and food texture processing in the brain, and the control of food intake. Physiology and Behavior, 2005, 85, 45-56.	1.0	360
33	How the brain learns to see objects and faces in an impoverished context. Nature, 1997, 389, 596-599.	13.7	357
34	Hypothalamic neuronal responses associated with the sight of food. Brain Research, 1976, 111, 53-66.	1.1	351
35	Memory Systems in the Brain. Annual Review of Psychology, 2000, 51, 599-630.	9.9	351
36	PrÃ©cis of The brain and emotion. Behavioral and Brain Sciences, 2000, 23, 177-191.	0.4	341

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37	Human cortical magnification factor and its relation to visual acuity. <i>Experimental Brain Research</i> , 1974, 21, 447-454.	0.7	339
38	A Theory of Emotion, and its Application to Understanding the Neural Basis of Emotion. <i>Cognition and Emotion</i> , 1990, 4, 161-190.	1.2	338
39	The mechanisms for pattern completion and pattern separation in the hippocampus. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 74.	1.2	335
40	Computational models of schizophrenia and dopamine modulation in the prefrontal cortex. <i>Nature Reviews Neuroscience</i> , 2008, 9, 696-709.	4.9	333
41	The latency of activation of neurones in the lateral hypothalamus and substantia innominata during feeding in the monkey. <i>Brain Research</i> , 1979, 164, 121-135.	1.1	329
42	Representation in the Human Brain of Food Texture and Oral Fat. <i>Journal of Neuroscience</i> , 2004, 24, 3086-3093.	1.7	324
43	Selectivity between faces in the responses of a population of neurons in the cortex in the superior temporal sulcus of the monkey. <i>Brain Research</i> , 1985, 342, 91-102.	1.1	315
44	Responses of neurons in the inferior temporal cortex in short term and serial recognition memory tasks. <i>Experimental Brain Research</i> , 1987, 65, 614-22.	0.7	303
45	Human Cortical Responses to Water in the Mouth, and the Effects of Thirst. <i>Journal of Neurophysiology</i> , 2003, 90, 1865-1876.	0.9	302
46	Attention, short-term memory, and action selection: A unifying theory. <i>Progress in Neurobiology</i> , 2005, 76, 236-256.	2.8	293
47	Correlations and the encoding of information in the nervous system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 1001-1012.	1.2	291
48	Functions of the Primate Temporal Lobe Cortical Visual Areas in Invariant Visual Object and Face Recognition. <i>Neuron</i> , 2000, 27, 205-218.	3.8	288
49	Size and contrast have only small effects on the responses to faces of neurons in the cortex of the superior temporal sulcus of the monkey. <i>Experimental Brain Research</i> , 1986, 65, 38-48.	0.7	280
50	How Cognition Modulates Affective Responses to Taste and Flavor: Top-down Influences on the Orbitofrontal and Pregenuel Cingulate Cortices. <i>Cerebral Cortex</i> , 2008, 18, 1549-1559.	1.6	274
51	Responses of striatal neurons in the behaving monkey. 1. Head of the caudate nucleus. <i>Behavioural Brain Research</i> , 1983, 7, 179-210.	1.2	271
52	Responses to the Sensory Properties of Fat of Neurons in the Primate Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 1999, 19, 1532-1540.	1.7	271
53	Limbic systems for emotion and for memory, but no single limbic system. <i>Cortex</i> , 2015, 62, 119-157.	1.1	268
54	A Neurodynamical cortical model of visual attention and invariant object recognition. <i>Vision Research</i> , 2004, 44, 621-642.	0.7	265

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55	Neural correlates of rapid reversal learning in a simple model of human social interaction. <i>NeuroImage</i> , 2003, 20, 1371-1383.	2.1	264
56	A computational theory of hippocampal function, and tests of the theory: New developments. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 48, 92-147.	2.9	264
57	Pleasantness changes and food intake in a varied four-course meal. <i>Appetite</i> , 1984, 5, 337-348.	1.8	259
58	Topography of the retina and striate cortex and its relationship to visual acuity in rhesus monkeys and squirrel monkeys. <i>Experimental Brain Research</i> , 1970, 10, 298-310.	0.7	258
59	Activity of neurones in the inferotemporal cortex of the alert monkey. <i>Brain Research</i> , 1977, 130, 229-238.	1.1	251
60	Stochastic dynamics as a principle of brain function. <i>Progress in Neurobiology</i> , 2009, 88, 1-16.	2.8	248
61	Olfactory Sensory-Specific Satiety in Humans. <i>Physiology and Behavior</i> , 1997, 61, 461-473.	1.0	247
62	What determines the capacity of autoassociative memories in the brain?. <i>Network: Computation in Neural Systems</i> , 1991, 2, 371-397.	2.2	246
63	Spatial view cells and the representation of place in the primate hippocampus. , 1999, 9, 467-480.		244
64	View-responsive neurons in the primate hippocampal complex. <i>Hippocampus</i> , 1995, 5, 409-424.	0.9	241
65	Medial reward and lateral non-reward orbitofrontal cortex circuits change in opposite directions in depression. <i>Brain</i> , 2016, 139, 3296-3309.	3.7	224
66	Selective Perceptual Impairments After Perirhinal Cortex Ablation. <i>Journal of Neuroscience</i> , 2001, 21, 9824-9836.	1.7	223
67	Object-centered encoding by face-selective neurons in the cortex in the superior temporal sulcus of the monkey. <i>Experimental Brain Research</i> , 1989, 75, 417-29.	0.7	221
68	Autism: reduced connectivity between cortical areas involved in face expression, theory of mind, and the sense of self. <i>Brain</i> , 2015, 138, 1382-1393.	3.7	220
69	The representational capacity of the distributed encoding of information provided by populations of neurons in primate temporal visual cortex. <i>Experimental Brain Research</i> , 1997, 114, 149-162.	0.7	217
70	The neuronal encoding of information in the brain. <i>Progress in Neurobiology</i> , 2011, 95, 448-490.	2.8	216
71	Sensory-specific and motivation-specific satiety for the sight and taste of food and water in man. <i>Physiology and Behavior</i> , 1983, 30, 185-192.	1.0	215
72	Neurodynamics of Biased Competition and Cooperation for Attention: A Model With Spiking Neurons. <i>Journal of Neurophysiology</i> , 2005, 94, 295-313.	0.9	215

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73	A computational theory of episodic memory formation in the hippocampus. <i>Behavioural Brain Research</i> , 2010, 215, 180-196.	1.2	215
74	Oscillatory activity is not evident in the primate temporal visual cortex with static stimuli. <i>NeuroReport</i> , 1992, 3, 369-372.	0.6	210
75	The Neurophysiology of Backward Visual Masking: Information Analysis. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 300-311.	1.1	209
76	The relative attenuation of self-stimulation, eating and drinking produced by dopamine-receptor blockade. <i>Psychopharmacology</i> , 1974, 38, 219-230.	1.5	207
77	The orbitofrontal cortex and emotion in health and disease, including depression. <i>Neuropsychologia</i> , 2019, 128, 14-43.	0.7	206
78	Cognitive influences on the affective representation of touch and the sight of touch in the human brain. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 97-108.	1.5	205
79	Expected Value, Reward Outcome, and Temporal Difference Error Representations in a Probabilistic Decision Task. <i>Cerebral Cortex</i> , 2008, 18, 652-663.	1.6	205
80	The effect of learning on the face selective responses of neurons in the cortex in the superior temporal sulcus of the monkey. <i>Experimental Brain Research</i> , 1989, 76, 153-64.	0.7	203
81	Brain mechanisms underlying flavour and appetite. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 1123-1136.	1.8	202
82	Afferent connections of the caudolateral orbitofrontal cortex taste area of the primate. <i>Neuroscience</i> , 1995, 64, 801-812.	1.1	199
83	Taste, olfactory, and food reward value processing in the brain. <i>Progress in Neurobiology</i> , 2015, 127-128, 64-90.	2.8	199
84	An attractor network in the hippocampus: Theory and neurophysiology. <i>Learning and Memory</i> , 2007, 14, 714-731.	0.5	197
85	Umami: a delicious flavor formed by convergence of taste and olfactory pathways in the human brain. <i>European Journal of Neuroscience</i> , 2007, 25, 1855-1864.	1.2	197
86	Spatial View Cells in the Primate Hippocampus. <i>European Journal of Neuroscience</i> , 1997, 9, 1789-1794.	1.2	196
87	The responsiveness of neurons in the insular gustatory cortex of the macaque monkey is independent of hunger. <i>Physiology and Behavior</i> , 1988, 42, 223-229.	1.0	195
88	Borderline Personality Disorder, Impulsivity, and the Orbitofrontal Cortex. <i>American Journal of Psychiatry</i> , 2005, 162, 2360-2373.	4.0	194
89	Warm pleasant feelings in the brain. <i>NeuroImage</i> , 2008, 41, 1504-1513.	2.1	194
90	Entorhinal cortex grid cells can map to hippocampal place cells by competitive learning. <i>Network: Computation in Neural Systems</i> , 2006, 17, 447-465.	2.2	193

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91	Neurophysiological analysis of brain-stimulation reward in the monkey. <i>Brain Research</i> , 1980, 194, 339-357.	1.1	191
92	Sensory-specific satiety: Food-specific reduction in responsiveness of ventral forebrain neurons after feeding in the monkey. <i>Brain Research</i> , 1986, 368, 79-86.	1.1	186
93	A Model of Invariant Object Recognition in the Visual System: Learning Rules, Activation Functions, Lateral Inhibition, and Information-Based Performance Measures. <i>Neural Computation</i> , 2000, 12, 2547-2572.	1.3	181
94	How Pleasant and Unpleasant Stimuli Combine in Different Brain Regions: Odor Mixtures. <i>Journal of Neuroscience</i> , 2007, 27, 13532-13540.	1.7	180
95	Information About Spatial View in an Ensemble of Primate Hippocampal Cells. <i>Journal of Neurophysiology</i> , 1998, 79, 1797-1813.	0.9	179
96	Functions of Neuronal Networks in the Hippocampus and Neocortex in Memory. , 1989, , 240-265.		178
97	Neuronal responses in the ventral striatum of the behaving macaque. <i>Behavioural Brain Research</i> , 1993, 55, 243-252.	1.2	176
98	Attention and working memory: a dynamical model of neuronal activity in the prefrontal cortex. <i>European Journal of Neuroscience</i> , 2003, 18, 2374-2390.	1.2	176
99	Sensory processing in the brain related to the control of food intake. <i>Proceedings of the Nutrition Society</i> , 2007, 66, 96-112.	0.4	173
100	Spatial View Cells in the Primate Hippocampus: Allocentric View not Head Direction or Eye Position or Place. <i>Cerebral Cortex</i> , 1999, 9, 197-212.	1.6	171
101	Selective attention to affective value alters how the brain processes taste stimuli. <i>European Journal of Neuroscience</i> , 2008, 27, 723-729.	1.2	171
102	Primate Insular/Opercular Taste Cortex: Neuronal Representations of the Viscosity, Fat Texture, Grittiness, Temperature, and Taste of Foods. <i>Journal of Neurophysiology</i> , 2004, 92, 1685-1699.	0.9	169
103	The orbitofrontal cortex: reward, emotion and depression. <i>Brain Communications</i> , 2020, 2, fcaa196.	1.5	169
104	Representational Capacity of Face Coding in Monkeys. <i>Cerebral Cortex</i> , 1996, 6, 498-505.	1.6	166
105	The functions of the orbitofrontal cortex. <i>Neurocase</i> , 1999, 5, 301-312.	0.2	166
106	Functions of the orbitofrontal and pregenual cingulate cortex in taste, olfaction, appetite and emotion. <i>Acta Physiologica Hungarica</i> , 2008, 95, 131-164.	0.9	166
107	How the Brain Represents the Reward Value of Fat in the Mouth. <i>Cerebral Cortex</i> , 2010, 20, 1082-1091.	1.6	166
108	Functional Connectivities in the Brain That Mediate the Association Between Depressive Problems and Sleep Quality. <i>JAMA Psychiatry</i> , 2018, 75, 1052.	6.0	165

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109	Taste and Olfactory Processing in the Brain and Its Relation to the Control of Eating. <i>Critical Reviews in Neurobiology</i> , 1997, 11, 263-287.	3.3	165
110	Head direction cells in the primate pre-subiculum. , 1999, 9, 206-219.		164
111	Responses of striatal neurons in the behaving monkey. 3. Effects of iontophoretically applied dopamine on normal responsiveness. <i>Neuroscience</i> , 1984, 12, 1201-1212.	1.1	161
112	Enhanced affective brain representations of chocolate in cravers vs. non-cravers. <i>European Journal of Neuroscience</i> , 2007, 26, 1067-1076.	1.2	161
113	Pattern separation, completion, and categorisation in the hippocampus and neocortex. <i>Neurobiology of Learning and Memory</i> , 2016, 129, 4-28.	1.0	160
114	The Receptive Fields of Inferior Temporal Cortex Neurons in Natural Scenes. <i>Journal of Neuroscience</i> , 2003, 23, 339-348.	1.7	156
115	Responses of hippocampal formation neurons in the monkey related to delayed spatial response and object-place memory tasks. <i>Behavioural Brain Research</i> , 1989, 33, 229-240.	1.2	153
116	Neuronal Representations of Stimuli in the Mouth: The Primate Insular Taste Cortex, Orbitofrontal Cortex and Amygdala. <i>Chemical Senses</i> , 2005, 30, 401-419.	1.1	150
117	Altered food preferences after lesions in the basolateral region of the amygdala in the rat.. <i>Journal of Comparative and Physiological Psychology</i> , 1973, 83, 248-259.	1.8	146
118	The responsiveness of neurones in the frontal opercular gustatory cortex of the macaque monkey is independent of hunger.. <i>Journal of Physiology</i> , 1988, 397, 1-12.	1.3	146
119	Neuronal responses related to the novelty and familiarity of visual stimuli in the substantia innominata, diagonal band of Broca and periventricular region of the primate basal forebrain. <i>Experimental Brain Research</i> , 1990, 80, 104-20.	0.7	146
120	Responses of striatal neurons in the behaving monkey. 2. Visual processing in the caudal neostriatum. <i>Brain Research</i> , 1984, 290, 53-65.	1.1	143
121	Fast, Fully Automated Global and Local Magnetic Field Optimization for fMRI of the Human Brain. <i>NeuroImage</i> , 2002, 17, 967-976.	2.1	143
122	Decision-making and Weber's law: a neurophysiological model. <i>European Journal of Neuroscience</i> , 2006, 24, 901-916.	1.2	143
123	Taste, olfactory and food texture reward processing in the brain and obesity. <i>International Journal of Obesity</i> , 2011, 35, 550-561.	1.6	143
124	Neurons in the Primate Orbitofrontal Cortex Respond to Fat Texture Independently of Viscosity. <i>Journal of Neurophysiology</i> , 2003, 90, 1514-1525.	0.9	142
125	Brain-Wide Analysis of Functional Connectivity in First-Episode and Chronic Stages of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw099.	2.3	142
126	Methamphetamine Activates Reward Circuitry in Drug Naïve Human Subjects. <i>Neuropsychopharmacology</i> , 2004, 29, 1715-1722.	2.8	140

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127	The representation of information about faces in the temporal and frontal lobes. <i>Neuropsychologia</i> , 2007, 45, 124-143.	0.7	140
128	Responses of neurons in the primate taste cortex to glutamate. <i>Physiology and Behavior</i> , 1991, 49, 973-979.	1.0	139
129	Representations of the Texture of Food in the Primate Orbitofrontal Cortex: Neurons Responding to Viscosity, Grittiness, and Capsaicin. <i>Journal of Neurophysiology</i> , 2003, 90, 3711-3724.	0.9	139
130	A non-reward attractor theory of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 47-58.	2.9	138
131	The responses of single neurons in the temporal visual cortical areas of the macaque when more than one stimulus is present in the receptive field. <i>Experimental Brain Research</i> , 1995, 103, 409-20.	0.7	137
132	A Dynamical Systems Hypothesis of Schizophrenia. <i>PLoS Computational Biology</i> , 2007, 3, e228.	1.5	137
133	Taste-related activity in the human dorsolateral prefrontal cortex. <i>NeuroImage</i> , 2004, 21, 781-788.	2.1	136
134	The relative advantages of sparse versus distributed encoding for associative neuronal networks in the brain. <i>Network: Computation in Neural Systems</i> , 1990, 1, 407-421.	2.2	133
135	Brain mechanisms for perceptual and reward-related decision-making. <i>Progress in Neurobiology</i> , 2013, 103, 194-213.	2.8	133
136	Allocentric and egocentric spatial information processing in the hippocampal formation of the behaving primate. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1991, 19, 21-40.	1.2	133
137	Spatial View Cells in the Primate Hippocampus: Effects of Removal of View Details. <i>Journal of Neurophysiology</i> , 1998, 79, 1145-1156.	0.9	130
138	Role of low and high spatial frequencies in the face-selective responses of neurons in the cortex in the superior temporal sulcus in the monkey. <i>Vision Research</i> , 1985, 25, 1021-1035.	0.7	129
139	The storage and recall of memories in the hippocampo-cortical system. <i>Cell and Tissue Research</i> , 2018, 373, 577-604.	1.5	129
140	Convergence of sensory systems in the orbitofrontal cortex in primates and brain design for emotion. <i>The Anatomical Record</i> , 2004, 281A, 1212-1225.	2.3	128
141	Object, Space, and Object-Space Representations in the Primate Hippocampus. <i>Journal of Neurophysiology</i> , 2005, 94, 833-844.	0.9	127
142	Choice, difficulty, and confidence in the brain. <i>NeuroImage</i> , 2010, 53, 694-706.	2.1	127
143	Rapid visual learning in neurones of the primate temporal visual cortex. <i>NeuroReport</i> , 1996, 7, 2757-2760.	0.6	125
144	Neuronal responses related to reinforcement in the primate basal forebrain. <i>Brain Research</i> , 1990, 509, 213-231.	1.1	124

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145	Responses of Primate Taste Cortex Neurons to the Astringent Tannic Acid. <i>Chemical Senses</i> , 1996, 21, 135-145.	1.1	123
146	The effects of stimulus novelty and familiarity on neuronal activity in the amygdala of monkeys performing recognition memory tasks. <i>Experimental Brain Research</i> , 1993, 93, 367-82.	0.7	122
147	The Rules of Formation of the Olfactory Representations Found in the Orbitofrontal Cortex Olfactory Areas in Primates. <i>Chemical Senses</i> , 2001, 26, 595-604.	1.1	122
148	Face-selective and auditory neurons in the primate orbitofrontal cortex. <i>Experimental Brain Research</i> , 2006, 170, 74-87.	0.7	121
149	Responses of single neurons in the hippocampus of the macaque related to recognition memory. <i>Experimental Brain Research</i> , 1993, 93, 299-306.	0.7	119
150	Information in the neuronal representation of individual stimuli in the primate temporal visual cortex. <i>Journal of Computational Neuroscience</i> , 1997, 4, 309-333.	0.6	119
151	Spatial representations in the primate hippocampus, and their functions in memory and navigation. <i>Progress in Neurobiology</i> , 2018, 171, 90-113.	2.8	117
152	Functions of the anterior insula in taste, autonomic, and related functions. <i>Brain and Cognition</i> , 2016, 110, 4-19.	0.8	116
153	Reward-Spatial View Representations and Learning in the Primate Hippocampus. <i>Journal of Neuroscience</i> , 2005, 25, 6167-6174.	1.7	115
154	What determines the capacity of autoassociative memories in the brain? , 0, .		114
155	The responses of neurons in the temporal cortex of primates, and face identification and detection. <i>Experimental Brain Research</i> , 1994, 101, 473-84.	0.7	113
156	“What” and “Where” in Visual Working Memory: A Computational Neurodynamical Perspective for Integrating fMRI and Single-Neuron Data. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 683-701.	1.1	113
157	Human cortical representation of oral temperature. <i>Physiology and Behavior</i> , 2007, 92, 975-984.	1.0	111
158	From affective value to decision-making in the prefrontal cortex. <i>European Journal of Neuroscience</i> , 2008, 28, 1930-1939.	1.2	109
159	The affective and cognitive processing of touch, oral texture, and temperature in the brain. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 237-245.	2.9	109
160	Brain mechanisms for invariant visual recognition and learning. <i>Behavioural Processes</i> , 1994, 33, 113-138.	0.5	105
161	Decision-Making, Errors, and Confidence in the Brain. <i>Journal of Neurophysiology</i> , 2010, 104, 2359-2374.	0.9	105
162	Synaptic and Spiking Dynamics underlying Reward Reversal in the Orbitofrontal Cortex. <i>Cerebral Cortex</i> , 2004, 15, 15-30.	1.6	102

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163	The cingulate cortex and limbic systems for action, emotion, and memory. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 166, 23-37.	1.0	102
164	On Decoding the Responses of a Population of Neurons from Short Time Windows. Neural Computation, 1999, 11, 1553-1577.	1.3	101
165	Selective Attention to Affective Value Alters How the Brain Processes Olfactory Stimuli. Journal of Cognitive Neuroscience, 2008, 20, 1815-1826.	1.1	99
166	Information encoding in short firing rate epochs by single neurons in the primate temporal visual cortex. Visual Cognition, 1995, 2, 35-58.	0.9	98
167	Orbitofrontal cortex: neuronal representation of oral temperature and capsaicin in addition to taste and texture. Neuroscience, 2004, 127, 207-221.	1.1	98
168	Taste, olfactory and food texture reward processing in the brain and the control of appetite. Proceedings of the Nutrition Society, 2012, 71, 488-501.	0.4	98
169	Satiety does not affect gustatory activity in the nucleus of the solitary tract of the alert monkey. Brain Research, 1985, 347, 85-93.	1.1	96
170	Sleep duration, brain structure, and psychiatric and cognitive problems in children. Molecular Psychiatry, 2021, 26, 3992-4003.	4.1	95
171	Neural organization of higher visual functions. Current Opinion in Neurobiology, 1991, 1, 274-278.	2.0	94
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