

# Edmund T Rolls

## List of Publications by Citations

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475  
papers

48,268  
citations

117  
h-index

208  
g-index

501  
ext. papers

55,201  
ext. citations

5.1  
avg. IF

8.27  
L-index

#	Paper	IF	Citations
475	Psychophysiological and modulatory interactions in neuroimaging. <i>NeuroImage</i> , <b>1997</b> , 6, 218-29	7.9	2433
474	Abstract reward and punishment representations in the human orbitofrontal cortex. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 95-102	25.5	1586
473	The functional neuroanatomy of the human orbitofrontal cortex: evidence from neuroimaging and neuropsychology. <i>Progress in Neurobiology</i> , <b>2004</b> , 72, 341-72	10.9	1532
472	The orbitofrontal cortex and reward. <i>Cerebral Cortex</i> , <b>2000</b> , 10, 284-94	5.1	1102
471	Visual neurones responsive to faces in the monkey temporal cortex. <i>Experimental Brain Research</i> , <b>1982</b> , 47, 329-42	2.3	940
470	Computational analysis of the role of the hippocampus in memory. <i>Hippocampus</i> , <b>1994</b> , 4, 374-91	3.5	891
469	The functions of the orbitofrontal cortex. <i>Brain and Cognition</i> , <b>2004</b> , 55, 11-29	2.7	837
468	Cognitive dysfunction in psychiatric disorders: characteristics, causes and the quest for improved therapy. <i>Nature Reviews Drug Discovery</i> , <b>2012</b> , 11, 141-68	64.1	728
467	Sensory specific satiety in man. <i>Physiology and Behavior</i> , <b>1981</b> , 27, 137-42	3.5	668
466	Face and voice expression identification in patients with emotional and behavioural changes following ventral frontal lobe damage. <i>Neuropsychologia</i> , <b>1996</b> , 34, 247-61	3.2	592
465	The orbitofrontal cortex and beyond: from affect to decision-making. <i>Progress in Neurobiology</i> , <b>2008</b> , 86, 216-44	10.9	587
464	Computational constraints suggest the need for two distinct input systems to the hippocampal CA3 network. <i>Hippocampus</i> , <b>1992</b> , 2, 189-99	3.5	576
463	Value, pleasure and choice in the ventral prefrontal cortex. <i>Trends in Cognitive Sciences</i> , <b>2011</b> , 15, 56-67	14	504
462	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> , <b>1989</b> , 32, 203-18	3.4	497
461	A computational theory of hippocampal function, and empirical tests of the theory. <i>Progress in Neurobiology</i> , <b>2006</b> , 79, 1-48	10.9	495
460	Reward-related reversal learning after surgical excisions in orbito-frontal or dorsolateral prefrontal cortex in humans. <i>Journal of Cognitive Neuroscience</i> , <b>2004</b> , 16, 463-78	3.1	494
459	Variety in a meal enhances food intake in man. <i>Physiology and Behavior</i> , <b>1981</b> , 26, 215-21	3.5	457

458	Different representations of pleasant and unpleasant odours in the human brain. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 695-703	3.5	452
457	Taste-olfactory convergence, and the representation of the pleasantness of flavour, in the human brain. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 2059-68	3.5	446
456	Invariant face and object recognition in the visual system. <i>Progress in Neurobiology</i> , <b>1997</b> , 51, 167-94	10.9	439
455	Cognitive modulation of olfactory processing. <i>Neuron</i> , <b>2005</b> , 46, 671-9	13.9	387
454	Bombesin suppresses feeding in rats. <i>Nature</i> , <b>1979</b> , 282, 208-10	50.4	373
453	Impulsivity, time perception, emotion and reinforcement sensitivity in patients with orbitofrontal cortex lesions. <i>Brain</i> , <b>2004</b> , 127, 1108-26	11.2	361
452	Hunger Modulates the Responses to Gustatory Stimuli of Single Neurons in the Caudolateral Orbitofrontal Cortex of the Macaque Monkey. <i>European Journal of Neuroscience</i> , <b>1989</b> , 1, 53-60	3.5	361
451	Neurons in the amygdala of the monkey with responses selective for faces. <i>Behavioural Brain Research</i> , <b>1985</b> , 15, 159-76	3.4	351
450	A theory of hippocampal function in memory. <i>Hippocampus</i> , <b>1996</b> , 6, 601-20	3.5	348
449	How sensory properties of foods affect human feeding behavior. <i>Physiology and Behavior</i> , <b>1982</b> , 29, 409-13	3.3	329
448	Hypothalamic neuronal responses associated with the sight of food. <i>Brain Research</i> , <b>1976</b> , 111, 53-66	3.7	327
447	Taste, olfactory, and food texture processing in the brain, and the control of food intake. <i>Physiology and Behavior</i> , <b>2005</b> , 85, 45-56	3.5	309
446	The latency of activation of neurones in the lateral hypothalamus and substantia innominata during feeding in the monkey. <i>Brain Research</i> , <b>1979</b> , 164, 121-35	3.7	308
445	How the brain learns to see objects and faces in an impoverished context. <i>Nature</i> , <b>1997</b> , 389, 596-9	50.4	306
444	Memory systems in the brain. <i>Annual Review of Psychology</i> , <b>2000</b> , 51, 599-630	26.1	302
443	Representation in the human brain of food texture and oral fat. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 3086-83	3.3	294
442	Responses of neurons in primary and inferior temporal visual cortices to natural scenes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1997</b> , 264, 1775-83	4.4	289
441	Computational models of schizophrenia and dopamine modulation in the prefrontal cortex. <i>Nature Reviews Neuroscience</i> , <b>2008</b> , 9, 696-709	13.5	273

440	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> , <b>1985</b> , 342, 91-102	3.7	272
439	Human cortical magnification factor and its relation to visual acuity. <i>Experimental Brain Research</i> , <b>1974</b> , 21, 447-454	2.3	270
438	Implementation of a new parcellation of the orbitofrontal cortex in the automated anatomical labeling atlas. <i>NeuroImage</i> , <b>2015</b> , 122, 1-5	7.9	269
437	Prüfis of The brain and emotion. <i>Behavioral and Brain Sciences</i> , <b>2000</b> , 23, 177-91; discussion 192-233	0.9	267
436	Human cortical responses to water in the mouth, and the effects of thirst. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 1865-76	3.2	264
435	Responses of striatal neurons in the behaving monkey. 1. Head of the caudate nucleus. <i>Behavioural Brain Research</i> , <b>1983</b> , 7, 179-210	3.4	253
434	A Theory of Emotion, and its Application to Understanding the Neural Basis of Emotion. <i>Cognition and Emotion</i> , <b>1990</b> , 4, 161-190	2.3	251
433	Responses to the sensory properties of fat of neurons in the primate orbitofrontal cortex. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 1532-40	6.6	246
432	Attention, short-term memory, and action selection: a unifying theory. <i>Progress in Neurobiology</i> , <b>2005</b> , 76, 236-56	10.9	241
431	Responses of neurons in the inferior temporal cortex in short term and serial recognition memory tasks. <i>Experimental Brain Research</i> , <b>1987</b> , 65, 614-22	2.3	240
430	Pleasantness changes and food intake in a varied four-course meal. <i>Appetite</i> , <b>1984</b> , 5, 337-48	4.5	236
429	Functions of the primate temporal lobe cortical visual areas in invariant visual object and face recognition. <i>Neuron</i> , <b>2000</b> , 27, 205-18	13.9	235
428	Neural correlates of rapid reversal learning in a simple model of human social interaction. <i>NeuroImage</i> , <b>2003</b> , 20, 1371-83	7.9	234
427	How cognition modulates affective responses to taste and flavor: top-down influences on the orbitofrontal and pregenual cingulate cortices. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 1549-59	5.1	231
426	Emotion Explained <b>2005</b> ,		229
425	A neurodynamical cortical model of visual attention and invariant object recognition. <i>Vision Research</i> , <b>2004</b> , 44, 621-42	2.1	225
424	The mechanisms for pattern completion and pattern separation in the hippocampus. <i>Frontiers in Systems Neuroscience</i> , <b>2013</b> , 7, 74	3.5	223
423	Correlations and the encoding of information in the nervous system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1999</b> , 266, 1001-12	4.4	220

422	Activity of neurones in the inferotemporal cortex of the alert monkey. <i>Brain Research</i> , <b>1977</b> , 130, 229-383.7		216
421	Automated anatomical labelling atlas 3. <i>NeuroImage</i> , <b>2020</b> , 206, 116189	7.9	216
420	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> , <b>1986</b> , 65, 38-48	2.3	215
419	Olfactory sensory-specific satiety in humans. <i>Physiology and Behavior</i> , <b>1997</b> , 61, 461-73	3.5	213
418	Spatial view cells and the representation of place in the primate hippocampus. <i>Hippocampus</i> , <b>1999</b> , 9, 467-80	3.5	209
417	Topography of the retina and striate cortex and its relationship to visual acuity in rhesus monkeys and squirrel monkeys. <i>Experimental Brain Research</i> , <b>1970</b> , 10, 298-310	2.3	204
416	Selective perceptual impairments after perirhinal cortex ablation. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 9824-36	6.6	201
415	Stochastic dynamics as a principle of brain function. <i>Progress in Neurobiology</i> , <b>2009</b> , 88, 1-16	10.9	200
414	A computational theory of hippocampal function, and tests of the theory: new developments. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 48, 92-147	9	197
413	What determines the capacity of autoassociative memories in the brain?. <i>Network: Computation in Neural Systems</i> , <b>1991</b> , 2, 371-397	0.7	197
412	Sensory-specific and motivation-specific satiety for the sight and taste of food and water in man. <i>Physiology and Behavior</i> , <b>1983</b> , 30, 185-92	3.5	191
411	View-responsive neurons in the primate hippocampal complex. <i>Hippocampus</i> , <b>1995</b> , 5, 409-24	3.5	186
410	The relative attenuation of self-stimulation, eating and drinking produced by dopamine-receptor blockade. <i>Psychopharmacology</i> , <b>1974</b> , 38, 219-30	4.7	186
409	Neurodynamics of biased competition and cooperation for attention: a model with spiking neurons. <i>Journal of Neurophysiology</i> , <b>2005</b> , 94, 295-313	3.2	182
408	Limbic systems for emotion and for memory, but no single limbic system. <i>Cortex</i> , <b>2015</b> , 62, 119-57	3.8	181
407	A computational theory of episodic memory formation in the hippocampus. <i>Behavioural Brain Research</i> , <b>2010</b> , 215, 180-96	3.4	175
406	Expected value, reward outcome, and temporal difference error representations in a probabilistic decision task. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 652-63	5.1	174
405	Oscillatory activity is not evident in the primate temporal visual cortex with static stimuli. <i>NeuroReport</i> , <b>1992</b> , 3, 369-72	1.7	174

404	Cognitive influences on the affective representation of touch and the sight of touch in the human brain. <i>Social Cognitive and Affective Neuroscience</i> , <b>2008</b> , 3, 97-108	4	172
403	Sensory-specific satiety: food-specific reduction in responsiveness of ventral forebrain neurons after feeding in the monkey. <i>Brain Research</i> , <b>1986</b> , 368, 79-86	3.7	171
402	Umami: a delicious flavor formed by convergence of taste and olfactory pathways in the human brain. <i>European Journal of Neuroscience</i> , <b>2007</b> , 25, 1855-64	3.5	168
401	The neurophysiology of backward visual masking: information analysis. <i>Journal of Cognitive Neuroscience</i> , <b>1999</b> , 11, 300-11	3.1	168
400	The representational capacity of the distributed encoding of information provided by populations of neurons in primate temporal visual cortex. <i>Experimental Brain Research</i> , <b>1997</b> , 114, 149-62	2.3	167
399	Entorhinal cortex grid cells can map to hippocampal place cells by competitive learning. <i>Network: Computation in Neural Systems</i> , <b>2006</b> , 17, 447-65	0.7	167
398	The neuronal encoding of information in the brain. <i>Progress in Neurobiology</i> , <b>2011</b> , 95, 448-90	10.9	164
397	Brain mechanisms underlying flavour and appetite. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 361, 1123-36	5.8	164
396	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> , <b>1989</b> , 76, 153-64	2.3	163
395	Object-centered encoding by face-selective neurons in the cortex in the superior temporal sulcus of the monkey. <i>Experimental Brain Research</i> , <b>1989</b> , 75, 417-29	2.3	160
394	Borderline personality disorder, impulsivity, and the orbitofrontal cortex. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 2360-73	11.9	159
393	Warm pleasant feelings in the brain. <i>NeuroImage</i> , <b>2008</b> , 41, 1504-13	7.9	158
392	Neurophysiological analysis of brain-stimulation reward in the monkey. <i>Brain Research</i> , <b>1980</b> , 194, 339-57	3.7	158
391	Responses of striatal neurons in the behaving monkey. 3. Effects of iontophoretically applied dopamine on normal responsiveness. <i>Neuroscience</i> , <b>1984</b> , 12, 1201-12	3.9	157
390	Autism: reduced connectivity between cortical areas involved in face expression, theory of mind, and the sense of self. <i>Brain</i> , <b>2015</b> , 138, 1382-93	11.2	156
389	Attention and working memory: a dynamical model of neuronal activity in the prefrontal cortex. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 2374-90	3.5	155
388	How pleasant and unpleasant stimuli combine in different brain regions: odor mixtures. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 13532-40	6.6	154
387	The responsiveness of neurons in the insular gustatory cortex of the macaque monkey is independent of hunger. <i>Physiology and Behavior</i> , <b>1988</b> , 42, 223-9	3.5	153

386	The cingulate cortex and limbic systems for emotion, action, and memory. <i>Brain Structure and Function</i> , <b>2019</b> , 224, 3001-3018	4	150
385	Taste, olfactory, and food reward value processing in the brain. <i>Progress in Neurobiology</i> , <b>2015</b> , 127-128, 64-90	10.9	150
384	Functions of the orbitofrontal and pregenual cingulate cortex in taste, olfaction, appetite and emotion. <i>Acta Physiologica Hungarica</i> , <b>2008</b> , 95, 131-64		150
383	An attractor network in the hippocampus: theory and neurophysiology. <i>Learning and Memory</i> , <b>2007</b> , 14, 714-31	2.8	149
382	Sensory processing in the brain related to the control of food intake. <i>Proceedings of the Nutrition Society</i> , <b>2007</b> , 66, 96-112	2.9	148
381	Neuronal responses in the ventral striatum of the behaving macaque. <i>Behavioural Brain Research</i> , <b>1993</b> , 55, 243-52	3.4	148
380	Information about spatial view in an ensemble of primate hippocampal cells. <i>Journal of Neurophysiology</i> , <b>1998</b> , 79, 1797-813	3.2	147
379	Afferent connections of the caudolateral orbitofrontal cortex taste area of the primate. <i>Neuroscience</i> , <b>1995</b> , 64, 801-12	3.9	146
378	How the brain represents the reward value of fat in the mouth. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 1082-91	5.1	145
377	Primate insular/opercular taste cortex: neuronal representations of the viscosity, fat texture, grittiness, temperature, and taste of foods. <i>Journal of Neurophysiology</i> , <b>2004</b> , 92, 1685-99	3.2	144
376	Enhanced affective brain representations of chocolate in cravers vs. non-cravers. <i>European Journal of Neuroscience</i> , <b>2007</b> , 26, 1067-76	3.5	143
375	Medial reward and lateral non-reward orbitofrontal cortex circuits change in opposite directions in depression. <i>Brain</i> , <b>2016</b> , 139, 3296-3309	11.2	142
374	Spatial view cells in the primate hippocampus. <i>European Journal of Neuroscience</i> , <b>1997</b> , 9, 1789-94	3.5	141
373	Selective attention to affective value alters how the brain processes taste stimuli. <i>European Journal of Neuroscience</i> , <b>2008</b> , 27, 723-9	3.5	140
372	The functions of the orbitofrontal cortex. <i>Neurocase</i> , <b>1999</b> , 5, 301-312	0.8	136
371	Taste and olfactory processing in the brain and its relation to the control of eating. <i>Critical Reviews in Neurobiology</i> , <b>1997</b> , 11, 263-87		136
370	The receptive fields of inferior temporal cortex neurons in natural scenes. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 339-48	6.6	135
369	Fast, Fully Automated Global and Local Magnetic Field Optimization for fMRI of the Human Brain. <i>NeuroImage</i> , <b>2002</b> , 17, 967-976	7.9	133

368	Head direction cells in the primate pre-subiculum. <i>Hippocampus</i> , <b>1999</b> , 9, 206-19	3.5	130
367	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> , <b>1990</b> , 80, 104-20	2.3	130
366	Decision-making and Weber's law: a neurophysiological model. <i>European Journal of Neuroscience</i> , <b>2006</b> , 24, 901-16	3.5	128
365	Neurons in the primate orbitofrontal cortex respond to fat texture independently of viscosity. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 1514-25	3.2	128
364	Neuronal representations of stimuli in the mouth: the primate insular taste cortex, orbitofrontal cortex and amygdala. <i>Chemical Senses</i> , <b>2005</b> , 30, 401-19	4.8	126
363	Methamphetamine activates reward circuitry in drug naïve human subjects. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 1715-22	8.7	125
362	Taste-related activity in the human dorsolateral prefrontal cortex. <i>NeuroImage</i> , <b>2004</b> , 21, 781-8	7.9	123
361	Spatial view cells in the primate hippocampus: allocentric view not head direction or eye position or place. <i>Cerebral Cortex</i> , <b>1999</b> , 9, 197-212	5.1	121
360	Taste, olfactory and food texture reward processing in the brain and obesity. <i>International Journal of Obesity</i> , <b>2011</b> , 35, 550-61	5.5	118
359	Representations of the texture of food in the primate orbitofrontal cortex: neurons responding to viscosity, grittiness, and capsaicin. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 3711-24	3.2	118
358	Responses of hippocampal formation neurons in the monkey related to delayed spatial response and object-place memory tasks. <i>Behavioural Brain Research</i> , <b>1989</b> , 33, 229-40	3.4	117
357	The responsiveness of neurones in the frontal opercular gustatory cortex of the macaque monkey is independent of hunger. <i>Journal of Physiology</i> , <b>1988</b> , 397, 1-12	3.9	117
356	Responses of striatal neurons in the behaving monkey. 2. Visual processing in the caudal neostriatum. <i>Brain Research</i> , <b>1984</b> , 290, 53-65	3.7	117
355	Neuronal responses related to reinforcement in the primate basal forebrain. <i>Brain Research</i> , <b>1990</b> , 509, 213-31	3.7	116
354	The representation of information about faces in the temporal and frontal lobes. <i>Neuropsychologia</i> , <b>2007</b> , 45, 124-43	3.2	115
353	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> , <b>2000</b> , 12, 2547-72 <sup>2.9</sup>		115
352	The Noisy Brain Stochastic Dynamics as a Principle of Brain Function <b>2010</b> ,		114
351	A dynamical systems hypothesis of schizophrenia. <i>PLoS Computational Biology</i> , <b>2007</b> , 3, e228	5	112



350	Choice, difficulty, and confidence in the brain. <i>NeuroImage</i> , <b>2010</b> , 53, 694-706	7.9	111
349	Convergence of sensory systems in the orbitofrontal cortex in primates and brain design for emotion. <i>The Anatomical Record</i> , <b>2004</b> , 281, 1212-25		110
348	Responses of single neurons in the hippocampus of the macaque related to recognition memory. <i>Experimental Brain Research</i> , <b>1993</b> , 93, 299-306	2.3	110
347	Altered food preferences after lesions in the basolateral region of the amygdala in the rat. <i>Journal of Comparative and Physiological Psychology</i> , <b>1973</b> , 83, 248-59		110
346	Representational capacity of face coding in monkeys. <i>Cerebral Cortex</i> , <b>1996</b> , 6, 498-505	5.1	108
345	The relative advantages of sparse versus distributed encoding for associative neuronal networks in the brain. <i>Network: Computation in Neural Systems</i> , <b>1990</b> , 1, 407-421	0.7	108
344	Responses of neurons in the primate taste cortex to glutamate. <i>Physiology and Behavior</i> , <b>1991</b> , 49, 973-93,5		108
343	Pattern separation, completion, and categorisation in the hippocampus and neocortex. <i>Neurobiology of Learning and Memory</i> , <b>2016</b> , 129, 4-28	3.1	107
342	Spatial view cells in the primate hippocampus: effects of removal of view details. <i>Journal of Neurophysiology</i> , <b>1998</b> , 79, 1145-56	3.2	107
341	The orbitofrontal cortex and emotion in health and disease, including depression. <i>Neuropsychologia</i> , <b>2019</b> , 128, 14-43	3.2	107
340	Brain mechanisms for perceptual and reward-related decision-making. <i>Progress in Neurobiology</i> , <b>2013</b> , 103, 194-213	10.9	106
339	Responses of primate taste cortex neurons to the astringent tastant tannic acid. <i>Chemical Senses</i> , <b>1996</b> , 21, 135-45	4.8	105
338	Brain-Wide Analysis of Functional Connectivity in First-Episode and Chronic Stages of Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, 436-448	1.3	103
337	"What" and "where" in visual working memory: a computational neurodynamical perspective for integrating fMRI and single-neuron data. <i>Journal of Cognitive Neuroscience</i> , <b>2004</b> , 16, 683-701	3.1	103
336	Object, space, and object-space representations in the primate hippocampus. <i>Journal of Neurophysiology</i> , <b>2005</b> , 94, 833-44	3.2	103
335	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> , <b>1995</b> , 103, 409-20	2.3	101
334	Neural Networks and Brain Function <b>1997</b> ,		101
333	Rapid visual learning in neurones of the primate temporal visual cortex. <i>NeuroReport</i> , <b>1996</b> , 7, 2757-60	1.7	99

332	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> , <b>1985</b> , 25, 1021-35	2.1	98
331	A non-reward attractor theory of depression. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 68, 47-58	9	94
330	From affective value to decision-making in the prefrontal cortex. <i>European Journal of Neuroscience</i> , <b>2008</b> , 28, 1930-9	3.5	93
329	Human cortical representation of oral temperature. <i>Physiology and Behavior</i> , <b>2007</b> , 92, 975-84	3.5	93
328	Reward-spatial view representations and learning in the primate hippocampus. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 6167-74	6.6	93
327	Functions of Neuronal Networks in the Hippocampus and Neocortex in Memory <b>1989</b> , 240-265		93
326	Face-selective and auditory neurons in the primate orbitofrontal cortex. <i>Experimental Brain Research</i> , <b>2006</b> , 170, 74-87	2.3	91
325	Orbitofrontal cortex: neuronal representation of oral temperature and capsaicin in addition to taste and texture. <i>Neuroscience</i> , <b>2004</b> , 127, 207-21	3.9	91
324	Neural organization of higher visual functions. <i>Current Opinion in Neurobiology</i> , <b>1991</b> , 1, 274-8	7.6	91
323	What determines the capacity of autoassociative memories in the brain?		89
322	Synaptic and spiking dynamics underlying reward reversal in the orbitofrontal cortex. <i>Cerebral Cortex</i> , <b>2005</b> , 15, 15-30	5.1	88
321	Functional Connectivities in the Brain That Mediate the Association Between Depressive Problems and Sleep Quality. <i>JAMA Psychiatry</i> , <b>2018</b> , 75, 1052-1061	14.5	87
320	Decision-making, errors, and confidence in the brain. <i>Journal of Neurophysiology</i> , <b>2010</b> , 104, 2359-74	3.2	87
319	The affective and cognitive processing of touch, oral texture, and temperature in the brain. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2010</b> , 34, 237-45	9	87
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