

Edmund T Rolls

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Risk-taking in humans and the medial orbitofrontal cortex reward system.. <i>NeuroImage</i> , 2022 , 249, 118893	7.9	1
474	The human orbitofrontal cortex, vmPFC, and anterior cingulate cortex effective connectome: emotion, memory, and action.. <i>Cerebral Cortex</i> , 2022 ,	5.1	6
473	The Effective Connectivity of the Human Hippocampal Memory System.. <i>Cerebral Cortex</i> , 2022 ,	5.1	6
472	Brain functional connectivities that mediate the association between childhood traumatic events, and adult mental health and cognition.. <i>EBioMedicine</i> , 2022 , 79, 104002	8.8	0
471	Longer screen time utilization is associated with the polygenic risk for Attention-deficit/hyperactivity disorder with mediation by brain white matter microstructure.. <i>EBioMedicine</i> , 2022 , 80, 104039	8.8	1
470	Face Processing in Different Brain Areas and Face Recognition 2022 , 2583-2593		
469	The human language effective connectome. <i>NeuroImage</i> , 2022 , 119352	7.9	3
468	Sleep duration, brain structure, and psychiatric and cognitive problems in children. <i>Molecular Psychiatry</i> , 2021 , 26, 3992-4003	15.1	31
467	Dopamine depletion and subcortical dysfunction disrupt cortical synchronization and metastability affecting cognitive function in Parkinson's disease.. <i>Human Brain Mapping</i> , 2021 ,	5.9	2
466	An extended Human Connectome Project multimodal parcellation atlas of the human cortex and subcortical areas. <i>Brain Structure and Function</i> , 2021 , 1	4	7
465	Extensive cortical functional connectivity of the human hippocampal memory system.. <i>Cortex</i> , 2021 , 147, 83-101	3.8	3
464	Brain dynamics: Synchronous peaks, functional connectivity, and its temporal variability. <i>Human Brain Mapping</i> , 2021 , 42, 2790-2801	5.9	4
463	Neurons including hippocampal spatial view cells, and navigation in primates including humans. <i>Hippocampus</i> , 2021 , 31, 593-611	3.5	10
462	Attractor cortical neurodynamics, schizophrenia, and depression. <i>Translational Psychiatry</i> , 2021 , 11, 215	8.6	6
461	A Neuroscience Levels of Explanation Approach to the Mind and the Brain. <i>Frontiers in Computational Neuroscience</i> , 2021 , 15, 649679	3.5	2
460	Extensive Cortical Connectivity of the Human Hippocampal Memory System: Beyond the "What" and "Where" Dual Stream Model. <i>Cerebral Cortex</i> , 2021 , 31, 4652-4669	5.1	11
459	Functional Connectome Prediction of Anxiety Related to the COVID-19 Pandemic. <i>American Journal of Psychiatry</i> , 2021 , 178, 530-540	11.9	10

458	Brain structure is linked to the association between family environment and behavioral problems in children in the ABCD study. <i>Nature Communications</i> , 2021 , 12, 3769	17.4	2
457	Mind Causality: A Computational Neuroscience Approach. <i>Frontiers in Computational Neuroscience</i> , 2021 , 15, 706505	3.5	2
456	Reward Versus Nonreward Sensitivity of the Medial Versus Lateral Orbitofrontal Cortex Relates to the Severity of Depressive Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 259-269	3.4	7
455	Brain dynamics: the temporal variability of connectivity, and differences in schizophrenia and ADHD. <i>Translational Psychiatry</i> , 2021 , 11, 70	8.6	9
454	The neuroscience of emotional disorders. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021 , 183, 1-26	3	3
453	Learning Invariant Object and Spatial View Representations in the Brain Using Slow Unsupervised Learning. <i>Frontiers in Computational Neuroscience</i> , 2021 , 15, 686239	3.5	7
452	The connections of neocortical pyramidal cells can implement the learning of new categories, attractor memory, and top-down recall and attention. <i>Brain Structure and Function</i> , 2021 , 226, 2523-2536	4	0
451	On pattern separation in the primate, including human, hippocampus. <i>Trends in Cognitive Sciences</i> , 2021 , 25, 920-922	14	4
450	Connections of the Human Orbitofrontal Cortex and Inferior Frontal Gyrus. <i>Cerebral Cortex</i> , 2020 , 30, 5830-5843	5.1	13
449	Functional connectivity of the right inferior frontal gyrus and orbitofrontal cortex in depression. <i>Social Cognitive and Affective Neuroscience</i> , 2020 , 15, 75-86	4	39
448	Acute and Chronic Effects of Betel Quid Chewing on Brain Functional Connectivity. <i>Frontiers in Psychiatry</i> , 2020 , 11, 198	5	5
447	Beyond the disconnectivity hypothesis of schizophrenia. <i>Cerebral Cortex</i> , 2020 , 30, 1213-1233	5.1	13
446	The texture and taste of food in the brain. <i>Journal of Texture Studies</i> , 2020 , 51, 23-44	3.6	6
445	Flavor Processing in the Brain 2020 , 298-317		
444	The orbitofrontal cortex: reward, emotion and depression. <i>Brain Communications</i> , 2020 , 2, fcaa196	4.5	42
443	Brain Computations 2020 ,		2
442	Spatial coordinate transforms linking the allocentric hippocampal and egocentric parietal primate brain systems for memory, action in space, and navigation. <i>Hippocampus</i> , 2020 , 30, 332-353	3.5	14
441	Effective connectivity in autism. <i>Autism Research</i> , 2020 , 13, 32-44	5.1	10

440	Functional connectivity of the orbitofrontal cortex, anterior cingulate cortex, and inferior frontal gyrus in humans. <i>Cortex</i> , 2020 , 123, 185-199	3.8	38
439	Hypertension is associated with reduced hippocampal connectivity and impaired memory. <i>EBioMedicine</i> , 2020 , 61, 103082	8.8	10
438	Rapid Rule-Based Reward Reversal and the Lateral Orbitofrontal Cortex. <i>Cerebral Cortex Communications</i> , 2020 , 1, tgaa087	1.9	5
437	Association of specific biotypes in patients with Parkinson disease and disease progression. <i>Neurology</i> , 2020 , 95, e1445-e1460	6.5	4
436	Severe nausea and vomiting in pregnancy: psychiatric and cognitive problems and brain structure in children. <i>BMC Medicine</i> , 2020 , 18, 228	11.4	7
435	Automated anatomical labelling atlas 3. <i>NeuroImage</i> , 2020 , 206, 116189	7.9	216
434	Predicting human inhibitory control from brain structural MRI. <i>Brain Imaging and Behavior</i> , 2020 , 14, 2148-2158	8.2	1586
433	Sensation-seeking is related to functional connectivities of the medial orbitofrontal cortex with the anterior cingulate cortex. <i>NeuroImage</i> , 2020 , 215, 116845	7.9	4
432	Neural Computations Underlying Phenomenal Consciousness: A Higher Order Syntactic Thought Theory. <i>Frontiers in Psychology</i> , 2020 , 11, 655	3.4	11
431	The cingulate cortex and limbic systems for emotion, action, and memory. <i>Brain Structure and Function</i> , 2019 , 224, 3001-3018	4	150
430	Analysis of Biased Competition and Cooperation for Attention in the Cerebral Cortex. <i>Frontiers in Computational Neuroscience</i> , 2019 , 13, 51	3.5	3
429	Brain annotation toolbox: exploring the functional and genetic associations of neuroimaging results. <i>Bioinformatics</i> , 2019 , 35, 3771-3778	7.2	11
428	The Generation of Time in the Hippocampal Memory System. <i>Cell Reports</i> , 2019 , 28, 1649-1658.e6	10.6	30
427	Taste and smell processing in the brain. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019 , 164, 97-118	3	21
426	The cingulate cortex and limbic systems for action, emotion, and memory. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019 , 166, 23-37	3	28
425	Emotion and reasoning in human decision-making. <i>Economics</i> , 2019 , 13,	1.3	2
424	Decreased brain connectivity in smoking contrasts with increased connectivity in drinking. <i>ELife</i> , 2019 , 8,	8.9	20
423	The Orbitofrontal Cortex 2019 ,		22

422	Attractor Network Dynamics, Transmitters, and Memory and Cognitive Changes in Aging 2019 , 203-225		2
421	A powerful and efficient multivariate approach for voxel-level connectome-wide association studies. <i>NeuroImage</i> , 2019 , 188, 628-641	7.9	4
420	Functional Connectivity of the Anterior Cingulate Cortex in Depression and in Health. <i>Cerebral Cortex</i> , 2019 , 29, 3617-3630	5.1	40
419	Multi-scale analysis of schizophrenia risk genes, brain structure, and clinical symptoms reveals integrative clues for subtyping schizophrenia patients. <i>Journal of Molecular Cell Biology</i> , 2019 , 11, 678-687	6.3	1
418	The orbitofrontal cortex and emotion in health and disease, including depression. <i>Neuropsychologia</i> , 2019 , 128, 14-43	3.2	107
417	Verbal Creativity Correlates with the Temporal Variability of Brain Networks During the Resting State. <i>Cerebral Cortex</i> , 2019 , 29, 1047-1058	5.1	54
416	Neural and genetic determinants of creativity. <i>NeuroImage</i> , 2018 , 174, 164-176	7.9	44
415	Increased functional connectivity of the posterior cingulate cortex with the lateral orbitofrontal cortex in depression. <i>Translational Psychiatry</i> , 2018 , 8, 90	8.6	53
414	The storage and recall of memories in the hippocampo-cortical system. <i>Cell and Tissue Research</i> , 2018 , 373, 577-604	4.2	70
413	Non-accidental properties, metric invariance, and encoding by neurons in a model of ventral stream visual object recognition, VisNet. <i>Neurobiology of Learning and Memory</i> , 2018 , 152, 20-31	3.1	2
412	Effective Connectivity in Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 187-197	3.4	25
411	Functional Connectivity of the Precuneus in Unmedicated Patients With Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 1040-1049	3.4	26
410	Functional Connectivities in the Brain That Mediate the Association Between Depressive Problems and Sleep Quality. <i>JAMA Psychiatry</i> , 2018 , 75, 1052-1061	14.5	87
409	Cognitive Informatics and Computational Intelligence 2018 , 278-295		
408	Spatial representations in the primate hippocampus, and their functions in memory and navigation. <i>Progress in Neurobiology</i> , 2018 , 171, 90-113	10.9	68
407	The Neuronal Encoding of Oral Fat by the Coefficient of Sliding Friction in the Cerebral Cortex and Amygdala. <i>Cerebral Cortex</i> , 2018 , 28, 4080-4089	5.1	11
406	Functional connectivity of the human amygdala in health and in depression. <i>Social Cognitive and Affective Neuroscience</i> , 2018 , 13, 557-568	4	31
405	The roles of the orbitofrontal cortex via the habenula in non-reward and depression, and in the responses of serotonin and dopamine neurons. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 75, 331-334	9.4	29

404	A scientific theory of Ars Memoriae: Spatial view cells in a continuous attractor network with linked items. <i>Hippocampus</i> , 2017 , 27, 570-579	3.5	12
403	Separate neural systems for behavioral change and for emotional responses to failure during behavioral inhibition. <i>Human Brain Mapping</i> , 2017 , 38, 3527-3537	5.9	24
402	Neurobiological foundations of aesthetics and art. <i>New Ideas in Psychology</i> , 2017 , 47, 121-135	2.5	10
401	Functional connectivity decreases in autism in emotion, self, and face circuits identified by Knowledge-based Enrichment Analysis. <i>NeuroImage</i> , 2017 , 148, 169-178	7.9	37
400	Computations in the deep vs superficial layers of the cerebral cortex. <i>Neurobiology of Learning and Memory</i> , 2017 , 145, 205-221	3.1	4
399	Computational Models of Hippocampal Functions ? 2017 , 557-578		
398	Brain-Wide Analysis of Functional Connectivity in First-Episode and Chronic Stages of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017 , 43, 436-448	1.3	103
397	Evolution of the Emotional Brain 2017 , 251-272		3
396	Individual differences in schizophrenia. <i>BJPsych Open</i> , 2017 , 3, 265-273	5	4
395	Cortical coding. <i>Language, Cognition and Neuroscience</i> , 2017 , 32, 316-329	2.4	11
394	Generalized reduced rank latent factor regression for high dimensional tensor fields, and neuroimaging-genetic applications. <i>NeuroImage</i> , 2017 , 144, 35-57	7.9	6
393	Functions of the anterior insula in taste, autonomic, and related functions. <i>Brain and Cognition</i> , 2016 , 110, 4-19	2.7	77
392	Pattern separation, completion, and categorisation in the hippocampus and neocortex. <i>Neurobiology of Learning and Memory</i> , 2016 , 129, 4-28	3.1	107
391	Flavor: Brain processing 2016 , 143-160		1
390	Non-reward neural mechanisms in the orbitofrontal cortex. <i>Cortex</i> , 2016 , 83, 27-38	3.8	13
389	Medial reward and lateral non-reward orbitofrontal cortex circuits change in opposite directions in depression. <i>Brain</i> , 2016 , 139, 3296-3309	11.2	142
388	Brain Processing of Reward for Touch, Temperature, and Oral Texture 2016 , 209-225		2
387	Pattern Completion and Pattern Separation Mechanisms in the Hippocampus 2016 , 77-113		3

386	Cerebral Cortex 2016 ,		66
385	Reward Systems in the Brain and Nutrition. <i>Annual Review of Nutrition</i> , 2016 , 36, 435-70	9.9	44
384	A non-reward attractor theory of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 47-58	9	94
383	Motivation Explained. <i>Advances in Motivation Science</i> , 2016 , 3, 187-249	5	5
382	Taste and Smell, Psychology of 2015 , 26-31		1
381	Diluted connectivity in pattern association networks facilitates the recall of information from the hippocampus to the neocortex. <i>Progress in Brain Research</i> , 2015 , 219, 21-43	2.9	17
380	Taste, olfactory, and food reward value processing in the brain. <i>Progress in Neurobiology</i> , 2015 , 127-128, 64-90	10.9	150
379	Age differences in the brain mechanisms of good taste. <i>NeuroImage</i> , 2015 , 113, 298-309	7.9	31
378	Implementation of a new parcellation of the orbitofrontal cortex in the automated anatomical labeling atlas. <i>NeuroImage</i> , 2015 , 122, 1-5	7.9	269
377	The neuronal representation of information in the human brain. <i>Brain</i> , 2015 , 138, 3459-3462	11.2	2
376	Emotion and decision-making explained: response to commentators. <i>Cortex</i> , 2015 , 62, 203-10	3.8	4
375	Limbic systems for emotion and for memory, but no single limbic system. <i>Cortex</i> , 2015 , 62, 119-57	3.8	181
374	Invariant visual object recognition: biologically plausible approaches. <i>Biological Cybernetics</i> , 2015 , 109, 505-35	2.8	24
373	Neural Integration of Taste, Smell, Oral Texture, and Visual Modalities 2015 , 1027-1048		4
372	Cognitive Informatics and Computational Intelligence. <i>International Journal of Software Science and Computational Intelligence</i> , 2015 , 7, 50-69	1.4	15
371	Emotion, Neural Basis of 2015 , 477-482		1
370	Networks for memory, perception, and decision-making, and beyond to how the syntax for language might be implemented in the brain. <i>Brain Research</i> , 2015 , 1621, 316-34	3.7	18
369	Autism: reduced connectivity between cortical areas involved in face expression, theory of mind, and the sense of self. <i>Brain</i> , 2015 , 138, 1382-93	11.2	156

368	Stochastic cortical neurodynamics underlying the memory and cognitive changes in aging. <i>Neurobiology of Learning and Memory</i> , 2015 , 118, 150-61	3.1	22
367	A computational theory of hippocampal function, and tests of the theory: new developments. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 48, 92-147	9	197
366	Taste and olfactory status in a gourmand with a right amygdala lesion. <i>Neurocase</i> , 2014 , 20, 421-33	0.8	5
365	Emotion and decision-making explained: a pröbis. <i>Cortex</i> , 2014 , 59, 185-93	3.8	57
364	The representation of oral fat texture in the human somatosensory cortex. <i>Human Brain Mapping</i> , 2014 , 35, 2521-30	5.9	37
363	Deformation-specific and deformation-invariant visual object recognition: pose vs. identity recognition of people and deforming objects. <i>Frontiers in Computational Neuroscience</i> , 2014 , 8, 37	3.5	7
362	Finding and recognizing objects in natural scenes: complementary computations in the dorsal and ventral visual systems. <i>Frontiers in Computational Neuroscience</i> , 2014 , 8, 85	3.5	15
361	Altered functional connectivity links in neuroleptic-naïve and neuroleptic-treated patients with schizophrenia, and their relation to symptoms including volition. <i>NeuroImage: Clinical</i> , 2014 , 6, 463-74	5.3	21
360	Neuroculture: art, aesthetics, and the brain. <i>Rendiconti Lincei</i> , 2014 , 25, 291-307	1.7	7
359	Brain mechanisms for perceptual and reward-related decision-making. <i>Progress in Neurobiology</i> , 2013 , 103, 194-213	10.9	106
358	Attention-dependent modulation of cortical taste circuits revealed by Granger causality with signal-dependent noise. <i>PLoS Computational Biology</i> , 2013 , 9, e1003265	5	37
357	A quantitative theory of the functions of the hippocampal CA3 network in memory. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 98	6.1	72
356	What are Emotional States, and Why Do We Have Them?. <i>Emotion Review</i> , 2013 , 5, 241-247	4.6	39
355	Increased neuronal firing in resting and sleep in areas of the macaque medial prefrontal cortex. <i>European Journal of Neuroscience</i> , 2013 , 37, 1737-46	3.5	11
354	Path integration of head direction: updating a packet of neural activity at the correct speed using axonal conduction delays. <i>PLoS ONE</i> , 2013 , 8, e58330	3.7	12
353	A biased activation theory of the cognitive and attentional modulation of emotion. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 74	3.3	34
352	Holding multiple items in short term memory: a neural mechanism. <i>PLoS ONE</i> , 2013 , 8, e61078	3.7	32
351	The mechanisms for pattern completion and pattern separation in the hippocampus. <i>Frontiers in Systems Neuroscience</i> , 2013 , 7, 74	3.5	223

350	Emotion and Decision-making Explained 2013 ,		44
349	On the Relation between the Mind and the Brain: A Neuroscience Perspective. <i>Philosophia Scientiae</i> , 2013 , 31-70	0.1	1
348	Cortical attractor network dynamics with diluted connectivity. <i>Brain Research</i> , 2012 , 1434, 212-25	3.7	21
347	Glutamate, obsessive-compulsive disorder, schizophrenia, and the stability of cortical attractor neuronal networks. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 100, 736-51	3.9	23
346	Communication before coherence. <i>European Journal of Neuroscience</i> , 2012 , 36, 2689-709	3.5	16
345	Advantages of dilution in the connectivity of attractor networks in the brain. <i>Biologically Inspired Cognitive Architectures</i> , 2012 , 1, 44-54		19
344	Componential Granger causality, and its application to identifying the source and mechanisms of the top-down biased activation that controls attention to affective vs sensory processing. <i>NeuroImage</i> , 2012 , 59, 1846-58	7.9	41
343	Invariant Visual Object and Face Recognition: Neural and Computational Bases, and a Model, VisNet. <i>Frontiers in Computational Neuroscience</i> , 2012 , 6, 35	3.5	70
342	Willed action, free will, and the stochastic neurodynamics of decision-making. <i>Frontiers in Integrative Neuroscience</i> , 2012 , 6, 68	3.2	8
341	Chemosensory learning and memory. <i>Frontiers in Systems Neuroscience</i> , 2012 , 6, 73	3.5	1
340	The Emotional Systems 2012 , 1328-1350		4
339	Cognitive dysfunction in psychiatric disorders: characteristics, causes and the quest for improved therapy. <i>Nature Reviews Drug Discovery</i> , 2012 , 11, 141-68	64.1	728
338	Mechanisms for sensing fat in food in the mouth: Presented at the Symposium "The Taste for Fat: New Discoveries on the Role of Fat in Sensory Perception, Metabolism, Sensory Pleasure and Beyond" held at the Institute of Food Technologists 2011 Annual Meeting, New Orleans, LA, USA., June 12, 2011. <i>Journal of Food Science</i> , 2012 , 77, S140-2	3.4	14
337	Taste, olfactory and food texture reward processing in the brain and the control of appetite. <i>Proceedings of the Nutrition Society</i> , 2012 , 71, 488-501	2.9	83
336	A hedonically complex odor mixture produces an attentional capture effect in the brain. <i>NeuroImage</i> , 2011 , 55, 832-43	7.9	35
335	Value, pleasure and choice in the ventral prefrontal cortex. <i>Trends in Cognitive Sciences</i> , 2011 , 15, 56-67	14	504
334	The neuronal encoding of information in the brain. <i>Progress in Neurobiology</i> , 2011 , 95, 448-90	10.9	164
333	Prediction of Decisions from Noise in the Brain before the Evidence is Provided. <i>Frontiers in Neuroscience</i> , 2011 , 5, 33	5.1	23

332	Chemosensory learning in the cortex. <i>Frontiers in Systems Neuroscience</i> , 2011 , 5, 78	3.5	23
331	THE NEURAL REPRESENTATION OF ORAL TEXTURE INCLUDING FAT TEXTURE. <i>Journal of Texture Studies</i> , 2011 , 42, 137-156	3.6	39
330	Taste, olfactory and food texture reward processing in the brain and obesity. <i>International Journal of Obesity</i> , 2011 , 35, 550-61	5.5	118
329	Computational mechanism of postponed decisions. <i>BMC Neuroscience</i> , 2011 , 12,	3.2	78
328	A computational neuroscience approach to schizophrenia and its onset. <i>Neuroscience and Biobehavioral Reviews</i> , 2011 , 35, 1644-53	9	45
327	Neural and computational mechanisms of postponed decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 11626-31	11.5	15
326	Noise in attractor networks in the brain produced by graded firing rate representations. <i>PLoS ONE</i> , 2011 , 6, e23630	3.7	13
325	The Origins of Aesthetics: A Neurobiological Basis for Affective Feelings and Aesthetics 2011 , 116-165		8
324	Consciousness, Decision-Making and Neural Computation 2011 , 287-333		10
323	Taste, Olfactory and Food-texture Processing in the Brain and the Control of Appetite 2010 , 41-56		4
322	Local Cortical Dynamics Related to Mental Illnesses 2010 , 321-339		
321	Confidence-related decision making. <i>Journal of Neurophysiology</i> , 2010 , 104, 539-47	3.2	60
320	Synaptic dynamics and decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7545-9	11.5	57
319	Decision time, slow inhibition, and theta rhythm. <i>Journal of Neuroscience</i> , 2010 , 30, 14173-81	6.6	16
318	Decision-making, errors, and confidence in the brain. <i>Journal of Neurophysiology</i> , 2010 , 104, 2359-74	3.2	87
317	How the brain represents the reward value of fat in the mouth. <i>Cerebral Cortex</i> , 2010 , 20, 1082-91	5.1	145
316	Neural systems underlying decisions about affective odors. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 1069-82	3.1	67
315	Attentional modulation of affective versus sensory processing: functional connectivity and a top-down biased activation theory of selective attention. <i>Journal of Neurophysiology</i> , 2010 , 104, 1649-60 ^{3.2}		47

314	A common neural scale for the subjective pleasantness of different primary rewards. <i>NeuroImage</i> , 2010 , 51, 1265-74	7.9	52
313	Choice, difficulty, and confidence in the brain. <i>NeuroImage</i> , 2010 , 53, 694-706	7.9	111
312	A computational theory of episodic memory formation in the hippocampus. <i>Behavioural Brain Research</i> , 2010 , 215, 180-96	3.4	175
311	Continuous transformation learning of translation invariant representations. <i>Experimental Brain Research</i> , 2010 , 204, 255-70	2.3	11
310	The Representation of Information About Taste and Odor in the Orbitofrontal Cortex. <i>Chemosensory Perception</i> , 2010 , 3, 16-33	1.2	50
309	The affective and cognitive processing of touch, oral texture, and temperature in the brain. <i>Neuroscience and Biobehavioral Reviews</i> , 2010 , 34, 237-45	9	87
308	Attractor networks. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2010 , 1, 119-134	4.5	48
307	The Noisy Brain Stochastic Dynamics as a Principle of Brain Function 2010 ,		114
306	Prediction of subjective affective state from brain activations. <i>Journal of Neurophysiology</i> , 2009 , 101, 1294-308	3.2	39
305	Functional neuroimaging of umami taste: what makes umami pleasant?. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 804S-813S	7	75
304	Stochastic dynamics as a principle of brain function. <i>Progress in Neurobiology</i> , 2009 , 88, 1-16	10.9	200
303	Different representations of relative and absolute subjective value in the human brain. <i>NeuroImage</i> , 2009 , 48, 258-68	7.9	58
302	From reward value to decision-making 2009 , 97-133		5
301	Neural Representation of Fat Texture in the Mouth. <i>Frontiers in Neuroscience</i> , 2009 , 197-223		4
300	Stochastic Dynamics in the Brain and Probabilistic Decision-Making. <i>Lecture Notes in Computer Science</i> , 2009 , 31-50	0.9	1
299	Computational models of schizophrenia and dopamine modulation in the prefrontal cortex. <i>Nature Reviews Neuroscience</i> , 2008 , 9, 696-709	13.5	273
298	Selective attention to affective value alters how the brain processes taste stimuli. <i>European Journal of Neuroscience</i> , 2008 , 27, 723-9	3.5	140
297	An attractor hypothesis of obsessive-compulsive disorder. <i>European Journal of Neuroscience</i> , 2008 , 28, 782-93	3.5	57

296	Spatial scene representations formed by self-organizing learning in a hippocampal extension of the ventral visual system. <i>European Journal of Neuroscience</i> , 2008 , 28, 2116-27	3.5	20
295	From affective value to decision-making in the prefrontal cortex. <i>European Journal of Neuroscience</i> , 2008 , 28, 1930-9	3.5	93
294	The orbitofrontal cortex and beyond: from affect to decision-making. <i>Progress in Neurobiology</i> , 2008 , 86, 216-44	10.9	587
293	Warm pleasant feelings in the brain. <i>NeuroImage</i> , 2008 , 41, 1504-13	7.9	158
292	Functions of the orbitofrontal and pregenual cingulate cortex in taste, olfaction, appetite and emotion. <i>Acta Physiologica Hungarica</i> , 2008 , 95, 131-64		150
291	Selective attention to affective value alters how the brain processes olfactory stimuli. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 1815-26	3.1	82
290	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	4	172
289	How cognition modulates affective responses to taste and flavor: top-down influences on the orbitofrontal and pregenual cingulate cortices. <i>Cerebral Cortex</i> , 2008 , 18, 1549-59	5.1	231
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