

Raymond Joseph Dolan

List of Publications by Year in descending order

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646
papers

116,702
citations

68

173
h-index

209

311
g-index

698
all docs

698
docs citations

698
times ranked

48890
citing authors

#	ARTICLE	IF	CITATIONS
1	Empathy for Pain Involves the Affective but not Sensory Components of Pain. <i>Science</i> , 2004, 303, 1157-1162.	6.0	3,265
2	Neural systems supporting interoceptive awareness. <i>Nature Neuroscience</i> , 2004, 7, 189-195.	7.1	2,955
3	Psychophysiological and Modulatory Interactions in Neuroimaging. <i>NeuroImage</i> , 1997, 6, 218-229.	2.1	2,807
4	A differential neural response in the human amygdala to fearful and happy facial expressions. <i>Nature</i> , 1996, 383, 812-815.	13.7	1,909
5	Dissociable Roles of Ventral and Dorsal Striatum in Instrumental Conditioning. <i>Science</i> , 2004, 304, 452-454.	6.0	1,894
6	Cortical substrates for exploratory decisions in humans. <i>Nature</i> , 2006, 441, 876-879.	13.7	1,790
7	Conscious and unconscious emotional learning in the human amygdala. <i>Nature</i> , 1998, 393, 467-470.	13.7	1,630
8	Effects of Attention and Emotion on Face Processing in the Human Brain. <i>Neuron</i> , 2001, 30, 829-841.	3.8	1,508
9	Emotion, Cognition, and Behavior. <i>Science</i> , 2002, 298, 1191-1194.	6.0	1,500
10	Empathic neural responses are modulated by the perceived fairness of others. <i>Nature</i> , 2006, 439, 466-469.	13.7	1,470
11	Other minds in the brain: a functional imaging study of "theory of mind" in story comprehension. <i>Cognition</i> , 1995, 57, 109-128.	1.1	1,462
12	Model-Based Influences on Humans' Choices and Striatal Prediction Errors. <i>Neuron</i> , 2011, 69, 1204-1215.	3.8	1,388
13	Dopamine-dependent prediction errors underpin reward-seeking behaviour in humans. <i>Nature</i> , 2006, 442, 1042-1045.	13.7	1,351
14	Temporal Difference Models and Reward-Related Learning in the Human Brain. <i>Neuron</i> , 2003, 38, 329-337.	3.8	1,311
15	Frames, Biases, and Rational Decision-Making in the Human Brain. <i>Science</i> , 2006, 313, 684-687.	6.0	1,238
16	A subcortical pathway to the right amygdala mediating "unseen" fear. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 1680-1685.	3.3	1,206
17	Encoding Predictive Reward Value in Human Amygdala and Orbitofrontal Cortex. <i>Science</i> , 2003, 301, 1104-1107.	6.0	1,066
18	Human cingulate cortex and autonomic control: converging neuroimaging and clinical evidence. <i>Brain</i> , 2003, 126, 2139-2152.	3.7	1,051

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19	Distinct spatial frequency sensitivities for processing faces and emotional expressions. <i>Nature Neuroscience</i> , 2003, 6, 624-631.	7.1	1,007
20	Neural Responses during Anticipation of a Primary Taste Reward. <i>Neuron</i> , 2002, 33, 815-826.	3.8	990
21	Distant influences of amygdala lesion on visual cortical activation during emotional face processing. <i>Nature Neuroscience</i> , 2004, 7, 1271-1278.	7.1	860
22	Brain Systems Mediating Aversive Conditioning: an Event-Related fMRI Study. <i>Neuron</i> , 1998, 20, 947-957.	3.8	857
23	Brain regions associated with acquisition and retrieval of verbal episodic memory. <i>Nature</i> , 1994, 368, 633-635.	13.7	814
24	Beauty in a smile: the role of medial orbitofrontal cortex in facial attractiveness. <i>Neuropsychologia</i> , 2003, 41, 147-155.	0.7	804
25	Goals and Habits in the Brain. <i>Neuron</i> , 2013, 80, 312-325.	3.8	799
26	When Fear Is Near: Threat Imminence Elicits Prefrontal-Periaqueductal Gray Shifts in Humans. <i>Science</i> , 2007, 317, 1079-1083.	6.0	798
27	The anatomy of melancholia – focal abnormalities of cerebral blood flow in major depression. <i>Psychological Medicine</i> , 1992, 22, 607-615.	2.7	692
28	Neural Activity Relating to Generation and Representation of Galvanic Skin Conductance Responses: A Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 2000, 20, 3033-3040.	1.7	682
29	Relating Introspective Accuracy to Individual Differences in Brain Structure. <i>Science</i> , 2010, 329, 1541-1543.	6.0	677
30	Dissociable Neural Responses in Human Reward Systems. <i>Journal of Neuroscience</i> , 2000, 20, 6159-6165.	1.7	655
31	Computational psychiatry. <i>Trends in Cognitive Sciences</i> , 2012, 16, 72-80.	4.0	645
32	The Mind's Eye – Precuneus Activation in Memory-Related Imagery. <i>NeuroImage</i> , 1995, 2, 195-200.	2.1	613
33	Neural Activity in the Human Brain Relating to Uncertainty and Arousal during Anticipation. <i>Neuron</i> , 2001, 29, 537-545.	3.8	606
34	Neuroimaging Evidence for Dissociable Forms of Repetition Priming. <i>Science</i> , 2000, 287, 1269-1272.	6.0	583
35	Neural systems engaged by planning: a PET study of the Tower of London task. <i>Neuropsychologia</i> , 1996, 34, 515-526.	0.7	574
36	Regret and its avoidance: a neuroimaging study of choice behavior. <i>Nature Neuroscience</i> , 2005, 8, 1255-1262.	7.1	567

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37	Where in the brain does visual attention select the forest and the trees?. <i>Nature</i> , 1996, 382, 626-628.	13.7	559
38	Temporal difference models describe higher-order learning in humans. <i>Nature</i> , 2004, 429, 664-667.	13.7	557
39	â€˜Theory of mindâ€™™ in the brain. Evidence from a PET scan study of Asperger syndrome. <i>NeuroReport</i> , 1996, 8, 197-201.	0.6	555
40	Dissociating Valence of Outcome from Behavioral Control in Human Orbital and Ventral Prefrontal Cortices. <i>Journal of Neuroscience</i> , 2003, 23, 7931-7939.	1.7	553
41	Neural activation during selective attention to subjective emotional responses. <i>NeuroReport</i> , 1997, 8, 3969-3972.	0.6	532
42	The Trouble with Cognitive Subtraction. <i>NeuroImage</i> , 1996, 4, 97-104.	2.1	530
43	How unrealistic optimism is maintained in the face of reality. <i>Nature Neuroscience</i> , 2011, 14, 1475-1479.	7.1	527
44	How the Brain Translates Money into Force: A Neuroimaging Study of Subliminal Motivation. <i>Science</i> , 2007, 316, 904-906.	6.0	525
45	The neural basis of metacognitive ability. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1338-1349.	1.8	502
46	Multiple levels of visual object constancy revealed by event-related fMRI of repetition priming. <i>Nature Neuroscience</i> , 2002, 5, 491-499.	7.1	492
47	Morphing Marilyn into Maggie dissociates physical and identity face representations in the brain. <i>Nature Neuroscience</i> , 2005, 8, 107-113.	7.1	492
48	Encoding of emotional memories depends on amygdala and hippocampus and their interactions. <i>Nature Neuroscience</i> , 2004, 7, 278-285.	7.1	488
49	The Nose Smells What the Eye Sees. <i>Neuron</i> , 2003, 39, 375-386.	3.8	487
50	Context-Dependent Human Extinction Memory Is Mediated by a Ventromedial Prefrontal and Hippocampal Network. <i>Journal of Neuroscience</i> , 2006, 26, 9503-9511.	1.7	464
51	The neural consequences of conflict between intention and the senses. <i>Brain</i> , 1999, 122, 497-512.	3.7	450
52	Common effects of emotional valence, arousal and attention on neural activation during visual processing of pictures. <i>Neuropsychologia</i> , 1999, 37, 989-997.	0.7	446
53	Confidence in value-based choice. <i>Nature Neuroscience</i> , 2013, 16, 105-110.	7.1	440
54	Fear Conditioning in Humans. <i>Neuron</i> , 2002, 33, 653-663.	3.8	433

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55	fMRI-Adaptation Reveals Dissociable Neural Representations of Identity and Expression in Face Perception. <i>Journal of Neurophysiology</i> , 2004, 92, 1830-1839.	0.9	430
56	Amygdalaâ€“Hippocampal Involvement in Human Aversive Trace Conditioning Revealed through Event-Related Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 1999, 19, 10869-10876.	1.7	423
57	Reward Value Coding Distinct From Risk Attitude-Related Uncertainty Coding in Human Reward Systems. <i>Journal of Neurophysiology</i> , 2007, 97, 1621-1632.	0.9	418
58	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9105-9110.	3.3	415
59	Activity in ventromedial prefrontal cortex covaries with sympathetic skin conductance level: a physiological account of a â€œdefault modeâ€•of brain function. <i>NeuroImage</i> , 2004, 22, 243-251.	2.1	407
60	Explaining modulation of reasoning by belief. <i>Cognition</i> , 2003, 87, B11-B22.	1.1	403
61	Anterior cingulate activity during error and autonomic response. <i>NeuroImage</i> , 2005, 27, 885-895.	2.1	403
62	The Neural Basis of Mood-Congruent Processing Biases in Depression. <i>Archives of General Psychiatry</i> , 2002, 59, 597.	13.8	400
63	Computational psychiatry: the brain as a phantastic organ. <i>Lancet Psychiatry</i> , the, 2014, 1, 148-158.	3.7	398
64	Dissociating prefrontal and hippocampal function in episodic memory encoding. <i>Nature</i> , 1997, 388, 582-585.	13.7	396
65	Differential Encoding of Losses and Gains in the Human Striatum. <i>Journal of Neuroscience</i> , 2007, 27, 4826-4831.	1.7	396
66	Reward value of attractiveness and gaze. <i>Nature</i> , 2001, 413, 589-589.	13.7	390
67	Appetitive and Aversive Olfactory Learning in Humans Studied Using Event-Related Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2002, 22, 10829-10837.	1.7	386
68	Opponent appetitive-aversive neural processes underlie predictive learning of pain relief. <i>Nature Neuroscience</i> , 2005, 8, 1234-1240.	7.1	384
69	From Threat to Fear: The Neural Organization of Defensive Fear Systems in Humans. <i>Journal of Neuroscience</i> , 2009, 29, 12236-12243.	1.7	384
70	Oxytocin Attenuates Affective Evaluations of Conditioned Faces and Amygdala Activity. <i>Journal of Neuroscience</i> , 2008, 28, 6607-6615.	1.7	381
71	Brain Responses to the Acquired Moral Status of Faces. <i>Neuron</i> , 2004, 41, 653-662.	3.8	365
72	Neural Correlates of Value, Risk, and Risk Aversion Contributing to Decision Making under Risk. <i>Journal of Neuroscience</i> , 2009, 29, 12574-12583.	1.7	358

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73	How the brain learns to see objects and faces in an impoverished context. <i>Nature</i> , 1997, 389, 596-599.	13.7	357
74	Brain systems for assessing facial attractiveness. <i>Neuropsychologia</i> , 2007, 45, 195-206.	0.7	357
75	Brain Activity Underlying Encoding and Retrieval of Source Memory. <i>Cerebral Cortex</i> , 2002, 12, 1048-1056.	1.6	356
76	Dissociation of Mechanisms Underlying Syllogistic Reasoning. <i>NeuroImage</i> , 2000, 12, 504-514.	2.1	344
77	Modulation of spatial attention by fear-conditioned stimuli: an event-related fMRI study. <i>Neuropsychologia</i> , 2002, 40, 817-826.	0.7	343
78	Common and distinct neural responses during direct and incidental processing of multiple facial emotions. <i>NeuroImage</i> , 2003, 20, 84-97.	2.1	342
79	Attentional Load and Sensory Competition in Human Vision: Modulation of fMRI Responses by Load at Fixation during Task-irrelevant Stimulation in the Peripheral Visual Field. <i>Cerebral Cortex</i> , 2005, 15, 770-786.	1.6	332
80	The functional anatomy of humor: segregating cognitive and affective components. <i>Nature Neuroscience</i> , 2001, 4, 237-238.	7.1	328
81	Go and no-go learning in reward and punishment: Interactions between affect and effect. <i>NeuroImage</i> , 2012, 62, 154-166.	2.1	328
82	Human orbitofrontal cortex mediates extinction learning while accessing conditioned representations of value. <i>Nature Neuroscience</i> , 2004, 7, 1144-1152.	7.1	324
83	Neuroanatomical basis for first- and second-order representations of bodily states. <i>Nature Neuroscience</i> , 2001, 4, 207-212.	7.1	322
84	A computational and neural model of momentary subjective well-being. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12252-12257.	3.3	322
85	Confidence in Recognition Memory for Words: Dissociating Right Prefrontal Roles in Episodic Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 913-923.	1.1	320
86	Brain activity relating to the contingent negative variation: an fMRI investigation. <i>NeuroImage</i> , 2004, 21, 1232-1241.	2.1	319
87	Threatening a rubber hand that you feel is yours elicits a cortical anxiety response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9828-9833.	3.3	312
88	Functional Heterogeneity in Human Olfactory Cortex: An Event-Related Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 2002, 22, 10819-10828.	1.7	310
89	Prefrontal Contributions to Metacognition in Perceptual Decision Making. <i>Journal of Neuroscience</i> , 2012, 32, 6117-6125.	1.7	310
90	Classical fear conditioning in functional neuroimaging. <i>Current Opinion in Neurobiology</i> , 2000, 10, 219-223.	2.0	308

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91	Activity in the human brain predicting differential heart rate responses to emotional facial expressions. <i>NeuroImage</i> , 2005, 24, 751-762.	2.1	308
92	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. <i>Neuron</i> , 2018, 97, 231-247.e7.	3.8	307
93	A Functional Anatomy of Anticipatory Anxiety. <i>NeuroImage</i> , 1999, 9, 563-571.	2.1	304
94	Neural activity associated with episodic memory for emotional context. <i>Neuropsychologia</i> , 2001, 39, 910-920.	0.7	301
95	Segregating the functions of human hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4034-4039.	3.3	293
96	The role of the prefrontal cortex in higher cognitive functions. <i>Cognitive Brain Research</i> , 1996, 5, 175-181.	3.3	292
97	Disentangling the Roles of Approach, Activation and Valence in Instrumental and Pavlovian Responding. <i>PLoS Computational Biology</i> , 2011, 7, e1002028.	1.5	292
98	Maintenance versus manipulation in verbal working memory revisited: an fMRI study. <i>NeuroImage</i> , 2003, 18, 247-256.	2.1	290
99	Neural Origins of Human Sickness in Interoceptive Responses to Inflammation. <i>Biological Psychiatry</i> , 2009, 66, 415-422.	0.7	290
100	Dopamine, Affordance and Active Inference. <i>PLoS Computational Biology</i> , 2012, 8, e1002327.	1.5	288
101	Human Replay Spontaneously Reorganizes Experience. <i>Cell</i> , 2019, 178, 640-652.e14.	13.5	287
102	Predictive Neural Coding of Reward Preference Involves Dissociable Responses in Human Ventral Midbrain and Ventral Striatum. <i>Neuron</i> , 2006, 49, 157-166.	3.8	286
103	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 99-117.	1.9	282
104	Subliminal Instrumental Conditioning Demonstrated in the Human Brain. <i>Neuron</i> , 2008, 59, 561-567.	3.8	281
105	Neural response to emotional faces with and without awareness: event-related fMRI in a parietal patient with visual extinction and spatial neglect. <i>Neuropsychologia</i> , 2002, 40, 2156-2166.	0.7	278
106	Anterolateral Prefrontal Cortex Mediates the Analgesic Effect of Expected and Perceived Control over Pain. <i>Journal of Neuroscience</i> , 2006, 26, 11501-11509.	1.7	276
107	How the Opinion of Others Affects Our Valuation of Objects. <i>Current Biology</i> , 2010, 20, 1165-1170.	1.8	276
108	Seen Gaze-Direction Modulates Fusiform Activity and Its Coupling with Other Brain Areas during Face Processing. <i>NeuroImage</i> , 2001, 13, 1102-1112.	2.1	275

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109	Â-Adrenergic modulation of emotional memory-evoked human amygdala and hippocampal responses. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11454-11458.	3.3	270
110	Anxiety Reduction through Detachment: Subjective, Physiological, and Neural Effects. Journal of Cognitive Neuroscience, 2005, 17, 874-883.	1.1	270
111	Prefrontal dysfunction in depressed patients performing a complex planning task: a study using positron emission tomography. Psychological Medicine, 1997, 27, 931-942.	2.7	266
112	Knowing how much you don't know: a neural organization of uncertainty estimates. Nature Reviews Neuroscience, 2012, 13, 572-586.	4.9	266
113	Abnormal Cingulate Modulation of Fronto-Temporal Connectivity in Schizophrenia. NeuroImage, 1999, 9, 337-342.	2.1	264
114	An emotion-induced retrograde amnesia in humans is amygdala- and Â-adrenergic-dependent. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13626-13631.	3.3	264
115	Human Pavlovianâ€Instrumental Transfer. Journal of Neuroscience, 2008, 28, 360-368.	1.7	264
116	The Role of Human Orbitofrontal Cortex in Value Comparison for Incommensurable Objects. Journal of Neuroscience, 2009, 29, 8388-8395.	1.7	260
117	Mechanisms Underlying Dopamine-Mediated Reward Bias in Compulsive Behaviors. Neuron, 2010, 65, 135-142.	3.8	259
118	Mapping value based planning and extensively trained choice in the human brain. Nature Neuroscience, 2012, 15, 786-791.	7.1	259
119	A map of abstract relational knowledge in the human hippocampalâ€entorhinal cortex. ELife, 2017, 6, .	2.8	259
120	Dopamine Enhances Model-Based over Model-Free Choice Behavior. Neuron, 2012, 75, 418-424.	3.8	258
121	Dopamine, Time, and Impulsivity in Humans. Journal of Neuroscience, 2010, 30, 8888-8896.	1.7	256
122	Fear from the Heart: Sensitivity to Fear Stimuli Depends on Individual Heartbeats. Journal of Neuroscience, 2014, 34, 6573-6582.	1.7	255
123	Integrated Neural Representations of Odor Intensity and Affective Valence in Human Amygdala. Journal of Neuroscience, 2005, 25, 8903-8907.	1.7	254
124	Emotion, Decision Making, and the Amygdala. Neuron, 2008, 58, 662-671.	3.8	253
125	Free Energy, Precision and Learning: The Role of Cholinergic Neuromodulation. Journal of Neuroscience, 2013, 33, 8227-8236.	1.7	252
126	fMRI correlates of the episodic retrieval of emotional contexts. NeuroImage, 2004, 22, 868-878.	2.1	249

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127	The Role of the Prefrontal Cortex in Recognition Memory and Memory for Source: An fMRI Study. <i>NeuroImage</i> , 1999, 10, 520-529.	2.1	244
128	Crossmodal binding of fear in voice and face. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10006-10010.	3.3	240
129	Depression is related to an absence of optimistically biased belief updating about future life events. <i>Psychological Medicine</i> , 2014, 44, 579-592.	2.7	240
130	Covariation of Activity in Habenula and Dorsal Raphe Nuclei Following Tryptophan Depletion. <i>NeuroImage</i> , 1999, 10, 163-172.	2.1	239
131	Brain, emotion and decision making: the paradigmatic example of regret. <i>Trends in Cognitive Sciences</i> , 2007, 11, 258-265.	4.0	238
132	The anatomy of choice: active inference and agency. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 598.	1.0	236
133	Prefrontal Cortex Fails to Learn from Reward Prediction Errors in Alcohol Dependence. <i>Journal of Neuroscience</i> , 2010, 30, 7749-7753.	1.7	235
134	Dopamine restores reward prediction errors in old age. <i>Nature Neuroscience</i> , 2013, 16, 648-653.	7.1	233
135	Metacognition: computation, biology and function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1280-1286.	1.8	232
136	Contrast polarity and face recognition in the human fusiform gyrus. <i>Nature Neuroscience</i> , 1999, 2, 574-580.	7.1	230
137	Remembrance of Odors Past. <i>Neuron</i> , 2004, 42, 687-695.	3.8	227
138	Harm to others outweighs harm to self in moral decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17320-17325.	3.3	224
139	Action versus valence in decision making. <i>Trends in Cognitive Sciences</i> , 2014, 18, 194-202.	4.0	223
140	Neural responses associated with cue evoked emotional states and heroin in opiate addicts. <i>Drug and Alcohol Dependence</i> , 2000, 60, 207-216.	1.6	221
141	Information theory, novelty and hippocampal responses: unpredicted or unpredictable?. <i>Neural Networks</i> , 2005, 18, 225-230.	3.3	221
142	Striatal dysfunction during reversal learning in unmedicated schizophrenia patients. <i>NeuroImage</i> , 2014, 89, 171-180.	2.1	221
143	Task and Content Modulate Amygdala-Hippocampal Connectivity in Emotional Retrieval. <i>Neuron</i> , 2006, 49, 631-638.	3.8	220
144	Mood as Representation of Momentum. <i>Trends in Cognitive Sciences</i> , 2016, 20, 15-24.	4.0	220

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145	The development of metacognitive ability in adolescence. <i>Consciousness and Cognition</i> , 2013, 22, 264-271.	0.8	219
146	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. <i>Brain</i> , 2019, 142, 2558-2571.	3.7	219
147	Anticipation of novelty recruits reward system and hippocampus while promoting recollection. <i>NeuroImage</i> , 2007, 38, 194-202.	2.1	217
148	Online evaluation of novel choices by simultaneous representation of multiple memories. <i>Nature Neuroscience</i> , 2013, 16, 1492-1498.	7.1	216
149	Computations of uncertainty mediate acute stress responses in humans. <i>Nature Communications</i> , 2016, 7, 10996.	5.8	216
150	Levels of appraisal: A medial prefrontal role in high-level appraisal of emotional material. <i>NeuroImage</i> , 2006, 30, 1458-1466.	2.1	214
151	Choosing to Make an Effort: The Role of Striatum in Signaling Physical Effort of a Chosen Action. <i>Journal of Neurophysiology</i> , 2010, 104, 313-321.	0.9	213
152	Differential involvement of left prefrontal cortex in inductive and deductive reasoning. <i>Cognition</i> , 2004, 93, B109-B121.	1.1	211
153	Separate Coding of Different Gaze Directions in the Superior Temporal Sulcus and Inferior Parietal Lobule. <i>Current Biology</i> , 2007, 17, 20-25.	1.8	211
154	Serotonin Selectively Modulates Reward Value in Human Decision-Making. <i>Journal of Neuroscience</i> , 2012, 32, 5833-5842.	1.7	211
155	The neurobiology of punishment. <i>Nature Reviews Neuroscience</i> , 2007, 8, 300-311.	4.9	210
156	Striatal Activity Underlies Novelty-Based Choice in Humans. <i>Neuron</i> , 2008, 58, 967-973.	3.8	210
157	Effects of oxytocin and prosocial behavior on brain responses to direct and vicariously experienced pain. <i>Emotion</i> , 2008, 8, 781-791.	1.5	210
158	Disruption of Dorsolateral Prefrontal Cortex Decreases Model-Based in Favor of Model-free Control in Humans. <i>Neuron</i> , 2013, 80, 914-919.	3.8	208
159	Dissociable Temporal Lobe Activations during Emotional Episodic Memory Retrieval. <i>NeuroImage</i> , 2000, 11, 203-209.	2.1	205
160	Abnormal ventral frontal response during performance of an affective go/no go task in patients with mania. <i>Biological Psychiatry</i> , 2004, 55, 1163-1170.	0.7	204
161	The anatomy of choice: dopamine and decision-making. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130481.	1.8	204
162	The interaction between mood and cognitive function studied with PET. <i>Psychological Medicine</i> , 1997, 27, 565-578.	2.7	202

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163	Action Dominates Valence in Anticipatory Representations in the Human Striatum and Dopaminergic Midbrain. <i>Journal of Neuroscience</i> , 2011, 31, 7867-7875.	1.7	202
164	An Agent Independent Axis for Executed and Modeled Choice in Medial Prefrontal Cortex. <i>Neuron</i> , 2012, 75, 1114-1121.	3.8	202
165	Saying it with feeling: neural responses to emotional vocalizations. <i>Neuropsychologia</i> , 1999, 37, 1155-1163.	0.7	201
166	Neural Activation during Covert Processing of Positive Emotional Facial Expressions. <i>NeuroImage</i> , 1996, 4, 194-200.	2.1	200
167	Ventral striatal dopamine reflects behavioral and neural signatures of model-based control during sequential decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1595-1600.	3.3	200
168	Pre-operative verbal memory fMRI predicts post-operative memory decline after left temporal lobe resection. <i>Brain</i> , 2004, 127, 2419-2426.	3.7	196
169	Attentional Modulation of Alpha/Beta and Gamma Oscillations Reflect Functionally Distinct Processes. <i>Journal of Neuroscience</i> , 2014, 34, 16117-16125.	1.7	196
170	Volitional Control of Autonomic Arousal: A Functional Magnetic Resonance Study. <i>NeuroImage</i> , 2002, 16, 909-919.	2.1	195
171	Adolescent Tuning of Association Cortex in Human Structural Brain Networks. <i>Cerebral Cortex</i> , 2018, 28, 281-294.	1.6	195
172	Differential neural response to positive and negative feedback in planning and guessing tasks. <i>Neuropsychologia</i> , 1997, 35, 1395-1404.	0.7	194
173	Game Theory of Mind. <i>PLoS Computational Biology</i> , 2008, 4, e1000254.	1.5	192
174	How Choice Reveals and Shapes Expected Hedonic Outcome. <i>Journal of Neuroscience</i> , 2009, 29, 3760-3765.	1.7	192
175	Pupillary contagion: central mechanisms engaged in sadness processing. <i>Social Cognitive and Affective Neuroscience</i> , 2006, 1, 5-17.	1.5	190
176	Dissociable Codes of Odor Quality and Odorant Structure in Human Piriform Cortex. <i>Neuron</i> , 2006, 49, 467-479.	3.8	188
177	Explaining Enhanced Logical Consistency during Decision Making in Autism. <i>Journal of Neuroscience</i> , 2008, 28, 10746-10750.	1.7	188
178	Dopamine agonists and risk: impulse control disorders in Parkinson's; disease. <i>Brain</i> , 2011, 134, 1438-1446.	3.7	188
179	Gene transcription profiles associated with inter-modular hubs and connection distance in human functional magnetic resonance imaging networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150362.	1.8	188
180	Dopamine Modulates Reward-Related Vigor. <i>Neuropsychopharmacology</i> , 2013, 38, 1495-1503.	2.8	187

#	ARTICLE	IF	CITATIONS
181	Does temporal discounting explain unhealthy behavior? A systematic review and reinforcement learning perspective. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 76.	1.0	185
182	Predictors of post-traumatic stress disorder following physical trauma: an examination of the stressor criterion. <i>Psychological Medicine</i> , 1991, 21, 85-91.	2.7	184
183	Ventromedial prefrontal cortex mediates guessing. <i>Neuropsychologia</i> , 1999, 37, 403-411.	0.7	184
184	How Humans Integrate the Prospects of Pain and Reward during Choice. <i>Journal of Neuroscience</i> , 2009, 29, 14617-14626.	1.7	184
185	Impulsive choice and response in dopamine agonist-related impulse control behaviors. <i>Psychopharmacology</i> , 2010, 207, 645-659.	1.5	184
186	Encoding of Marginal Utility across Time in the Human Brain. <i>Journal of Neuroscience</i> , 2009, 29, 9575-9581.	1.7	183
187	A Genetically Mediated Bias in Decision Making Driven by Failure of Amygdala Control. <i>Journal of Neuroscience</i> , 2009, 29, 5985-5991.	1.7	183
188	Functional neuroanatomy of three-term relational reasoning. <i>Neuropsychologia</i> , 2001, 39, 901-909.	0.7	182
189	Effects of Cholinergic Enhancement on Visual Stimulation, Spatial Attention, and Spatial Working Memory. <i>Neuron</i> , 2004, 41, 969-982.	3.8	181
190	Human Amygdala Responses to Fearful Eyes. <i>NeuroImage</i> , 2002, 17, 214-222.	2.1	178
191	CHANGES IN BRAIN ACTIVITY FOLLOWING SACRAL NEUROMODULATION FOR URINARY RETENTION. <i>Journal of Urology</i> , 2005, 174, 2268-2272.	0.2	178
192	Dynamic causal models of steady-state responses. <i>NeuroImage</i> , 2009, 44, 796-811.	2.1	177
193	Structural covariance networks are coupled to expression of genes enriched in supragranular layers of the human cortex. <i>NeuroImage</i> , 2018, 171, 256-267.	2.1	177
194	Selective attention to emotional stimuli in a verbal go/no-go task. <i>NeuroReport</i> , 2000, 11, 1739-1744.	0.6	176
195	Following the Crowd: Brain Substrates of Long-Term Memory Conformity. <i>Science</i> , 2011, 333, 108-111.	6.0	176
196	Human Neural Learning Depends on Reward Prediction Errors in the Blocking Paradigm. <i>Journal of Neurophysiology</i> , 2006, 95, 301-310.	0.9	175
197	Dopaminergic Modulation of Decision Making and Subjective Well-Being. <i>Journal of Neuroscience</i> , 2015, 35, 9811-9822.	1.7	174
198	Effects of Low-Spatial Frequency Components of Fearful Faces on Fusiform Cortex Activity. <i>Current Biology</i> , 2003, 13, 1824-1829.	1.8	173

#	ARTICLE	IF	CITATIONS
199	fMRI Activity Patterns in Human LOC Carry Information about Object Exemplars within Category. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 356-370.	1.1	171
200	Fusiform Gyrus Face Selectivity Relates to Individual Differences in Facial Recognition Ability. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1723-1740.	1.1	170
201	Neural Mechanisms of Belief Inference during Cooperative Games. <i>Journal of Neuroscience</i> , 2010, 30, 10744-10751.	1.7	169
202	Local and Distributed Effects of Apomorphine on Fronto-Temporal Function in Acute Unmedicated Schizophrenia. <i>Journal of Neuroscience</i> , 1996, 16, 7055-7062.	1.7	166
203	Cortical and Subcortical Gray Matter Abnormalities in Schizophrenia Determined Through Structural Magnetic Resonance Imaging With Optimized Volumetric Voxel-Based Morphometry. <i>American Journal of Psychiatry</i> , 2002, 159, 1497-1505.	4.0	166
204	Reciprocal neural response within lateral and ventral medial prefrontal cortex during hot and cold reasoning. <i>NeuroImage</i> , 2003, 20, 2314-2321.	2.1	166
205	Voxel-based morphometry reveals reduced grey matter volume in the temporal cortex of developmental prosopagnosics. <i>Brain</i> , 2009, 132, 3443-3455.	3.7	166
206	Activation of Different Anterior Cingulate Foci in Association with Hypothesis Testing and Response Selection. <i>NeuroImage</i> , 1998, 8, 17-29.	2.1	164
207	Imitating expressions: emotion-specific neural substrates in facial mimicry. <i>Social Cognitive and Affective Neuroscience</i> , 2006, 1, 122-135.	1.5	163
208	Brain Activations in Schizophrenia During a Graded Memory Task Studied With Functional Neuroimaging. <i>Archives of General Psychiatry</i> , 1998, 55, 1001.	13.8	162
209	Modelling event-related skin conductance responses. <i>International Journal of Psychophysiology</i> , 2010, 75, 349-356.	0.5	162
210	Dopamine Modulates Episodic Memory Persistence in Old Age. <i>Journal of Neuroscience</i> , 2012, 32, 14193-14204.	1.7	162
211	Differential Neural Responses during Performance of Matching and Nonmatching to Sample Tasks at Two Delay Intervals. <i>Journal of Neuroscience</i> , 1999, 19, 5066-5073.	1.7	161
212	Familiarity enhances invariance of face representations in human ventral visual cortex: fMRI evidence. <i>NeuroImage</i> , 2005, 26, 1128-1139.	2.1	160
213	Risk-dependent reward value signal in human prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7185-7190.	3.3	160
214	Alterations in Brain Connectivity Underlying Beta Oscillations in Parkinsonism. <i>PLoS Computational Biology</i> , 2011, 7, e1002124.	1.5	160
215	Dimensional psychiatry: reward dysfunction and depressive mood across psychiatric disorders. <i>Psychopharmacology</i> , 2015, 232, 331-341.	1.5	159
216	The Dopaminergic Midbrain Encodes the Expected Certainty about Desired Outcomes. <i>Cerebral Cortex</i> , 2015, 25, 3434-3445.	1.6	158

#	ARTICLE	IF	CITATIONS
217	How Dopamine Enhances an Optimism Bias in Humans. <i>Current Biology</i> , 2012, 22, 1477-1481.	1.8	157
218	Abnormal neural response to feedback on planning and guessing tasks in patients with unipolar depression. <i>Psychological Medicine</i> , 1998, 28, 559-571.	2.7	156
219	The Neurobiology of Reference-Dependent Value Computation. <i>Journal of Neuroscience</i> , 2009, 29, 3833-3842.	1.7	156
220	Cholinergic enhancement modulates neural correlates of selective attention and emotional processing. <i>NeuroImage</i> , 2003, 20, 58-70.	2.1	155
221	Time-series analysis for rapid event-related skin conductance responses. <i>Journal of Neuroscience Methods</i> , 2009, 184, 224-234.	1.3	155
222	Cholinergic modulation of cognition: Insights from human pharmacological functional neuroimaging. <i>Progress in Neurobiology</i> , 2011, 94, 360-388.	2.8	155
223	Noradrenergic Modulation of Emotion-Induced Forgetting and Remembering. <i>Journal of Neuroscience</i> , 2005, 25, 6343-6349.	1.7	153
224	Dopamine in amygdala gates limbic processing of aversive stimuli in humans. <i>Nature Neuroscience</i> , 2008, 11, 1381-1382.	7.1	150
225	Association of Neural and Emotional Impacts of Reward Prediction Errors With Major Depression. <i>JAMA Psychiatry</i> , 2017, 74, 790.	6.0	150
226	Fast Sequences of Non-spatial State Representations in Humans. <i>Neuron</i> , 2016, 91, 194-204.	3.8	148
227	Modulation of pain processing in hyperalgesia by cognitive demand. <i>NeuroImage</i> , 2005, 27, 59-69.	2.1	147
228	Brain mechanisms associated with top-down processes in perception. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 1221-1230.	1.8	146
229	Human Hippocampus Arbitrates Approach-Avoidance Conflict. <i>Current Biology</i> , 2014, 24, 541-547.	1.8	146
230	Effort and Valuation in the Brain: The Effects of Anticipation and Execution. <i>Journal of Neuroscience</i> , 2013, 33, 6160-6169.	1.7	145
231	Neural Correlates of Self-distraction from Anxiety and a Process Model of Cognitive Emotion Regulation. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1266-1276.	1.1	144
232	Do Decisions Shape Preference?. <i>Psychological Science</i> , 2010, 21, 1231-1235.	1.8	143
233	Selectively altering belief formation in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17058-17062.	3.3	140
234	Selective Attention Modulates Neural Substrates of Repetition Priming and Implicit Visual Memory:Suppressions and Enhancements Revealed by fMRI. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1245-1260.	1.1	139

#	ARTICLE	IF	CITATIONS
235	Deep and Superficial Amygdala Nuclei Projections Revealed In Vivo by Probabilistic Tractography. <i>Journal of Neuroscience</i> , 2011, 31, 618-623.	1.7	139
236	Attributions and self-esteem in depression and chronic fatigue syndromes. <i>Journal of Psychosomatic Research</i> , 1990, 34, 665-673.	1.2	137
237	Overcoming status quo bias in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6005-6009.	3.3	137
238	Dopamine and performance in a reinforcement learning task: evidence from Parkinson's disease. <i>Brain</i> , 2012, 135, 1871-1883.	3.7	137
239	Adaptive integration of habits into depth-limited planning defines a habitual-goal-directed spectrum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12868-12873.	3.3	137
240	Neural Correlates of Memory Retrieval during Recognition Memory and Cued Recall. <i>NeuroImage</i> , 1998, 8, 262-273.	2.1	135
241	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe) From trajectories to mechanisms and interventions. <i>Addiction Biology</i> , 2020, 25, e12866.	1.4	135
242	Dopamine and effort-based decision making. <i>Frontiers in Neuroscience</i> , 2011, 5, 81.	1.4	133
243	Bayesian inferences about the self (and others): A review. <i>Consciousness and Cognition</i> , 2014, 25, 67-76.	0.8	132
244	Unconscious fear influences emotional awareness of faces and voices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18682-18687.	3.3	129
245	Exploration, novelty, surprise, and free energy minimization. <i>Frontiers in Psychology</i> , 2013, 4, 710.	1.1	126
246	Hierarchical competitions subserving multi-attribute choice. <i>Nature Neuroscience</i> , 2014, 17, 1613-1622.	7.1	126
247	Contingency awareness in human aversive conditioning involves the middle frontal gyrus. <i>NeuroImage</i> , 2006, 29, 1007-1012.	2.1	125
248	What the heart forgets: Cardiac timing influences memory for words and is modulated by metacognition and interoceptive sensitivity. <i>Psychophysiology</i> , 2013, 50, 505-512.	1.2	125
249	Segregated Encoding of Reward Identity and Stimulus-Reward Associations in Human Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 3202-3211.	1.7	125
250	Brain mechanisms associated with depressive relapse and associated cognitive impairment following acute tryptophan depletion. <i>British Journal of Psychiatry</i> , 1999, 174, 525-529.	1.7	124
251	An In Vivo Assay of Synaptic Function Mediating Human Cognition. <i>Current Biology</i> , 2011, 21, 1320-1325.	1.8	124
252	Cholinergic Enhancement of Visual Attention and Neural Oscillations in the Human Brain. <i>Current Biology</i> , 2012, 22, 397-402.	1.8	124

#	ARTICLE	IF	CITATIONS
253	Dissociable amygdala and orbitofrontal responses during reversal fear conditioning. <i>NeuroImage</i> , 2004, 22, 372-380.	2.1	122
254	Cholinergic Modulation of Experience-Dependent Plasticity in Human Auditory Cortex. <i>Neuron</i> , 2002, 35, 567-574.	3.8	120
255	Analytic measures for quantification of arousal from spontaneous skin conductance fluctuations. <i>International Journal of Psychophysiology</i> , 2010, 76, 52-55.	0.5	120
256	Dissociable Effects of Serotonin and Dopamine on the Valuation of Harm in Moral Decision Making. <i>Current Biology</i> , 2015, 25, 1852-1859.	1.8	119
257	Amygdala damage affects event-related potentials for fearful faces at specific time windows. <i>Human Brain Mapping</i> , 2010, 31, 1089-1105.	1.9	118
258	Outlier Responses Reflect Sensitivity to Statistical Structure in the Human Brain. <i>PLoS Computational Biology</i> , 2013, 9, e1002999.	1.5	118
259	BOLD Repetition Decreases in Object-Responsive Ventral Visual Areas Depend on Spatial Attention. <i>Journal of Neurophysiology</i> , 2004, 92, 1241-1247.	0.9	117
260	Memory fMRI in left hippocampal sclerosis: Optimizing the approach to predicting postsurgical memory. <i>Neurology</i> , 2006, 66, 699-705.	1.5	117
261	Computational and dynamic models in neuroimaging. <i>NeuroImage</i> , 2010, 52, 752-765.	2.1	117
262	The Kuleshov Effect: the influence of contextual framing on emotional attributions. <i>Social Cognitive and Affective Neuroscience</i> , 2006, 1, 95-106.	1.5	116
263	Reward Facilitates Tactile Judgments and Modulates Hemodynamic Responses in Human Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 8161-8168.	1.7	116
264	The habenula encodes negative motivational value associated with primary punishment in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11858-11863.	3.3	116
265	Anatomical Segregation of Component Processes in an Inductive Inference Task. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 110-119.	1.1	115
266	Neural Activity Associated with the Passive Prediction of Ambiguity and Risk for Aversive Events. <i>Journal of Neuroscience</i> , 2009, 29, 1648-1656.	1.7	114
267	Brain Mechanisms for Detecting Perceptual, Semantic, and Emotional Deviance. <i>NeuroImage</i> , 2000, 12, 425-433.	2.1	113
268	Preserved verbal memory function in left medial temporal pathology involves reorganisation of function to right medial temporal lobe. <i>NeuroImage</i> , 2003, 20, S112-S119.	2.1	111
269	Mental stress and sudden cardiac death: asymmetric midbrain activity as a linking mechanism. <i>Brain</i> , 2004, 128, 75-85.	3.7	111
270	Uncertainty Increases Pain: Evidence for a Novel Mechanism of Pain Modulation Involving the Periaqueductal Gray. <i>Journal of Neuroscience</i> , 2013, 33, 5638-5646.	1.7	109

#	ARTICLE	IF	CITATIONS
271	Moral transgressions corrupt neural representations of value. <i>Nature Neuroscience</i> , 2017, 20, 879-885.	7.1	108
272	Controlling Emotional Expression: Behavioral and Neural Correlates of Nonimitative Emotional Responses. <i>Cerebral Cortex</i> , 2008, 18, 104-113.	1.6	107
273	Separate mesocortical and mesolimbic pathways encode effort and reward learning signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7395-E7404.	3.3	107
274	Event-Related Potential Correlates of the Retrieval of Emotional and Nonemotional Context. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 760-775.	1.1	105
275	Affective response to one's own moral violations. <i>NeuroImage</i> , 2006, 31, 945-950.	2.1	105
276	Neural Coding of Tactile Decisions in the Human Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2006, 26, 12596-12601.	1.7	105
277	Role of Features and Second-order Spatial Relations in Face Discrimination, Face Recognition, and Individual Face Skills: Behavioral and Functional Magnetic Resonance Imaging Data. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1435-1452.	1.1	105
278	Losing the rose tinted glasses: neural substrates of unbiased belief updating in depression. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 639.	1.0	105
279	Neural Response during Preference and Memory Judgments for Subliminally Presented Stimuli: A Functional Neuroimaging Study. <i>Journal of Neuroscience</i> , 1998, 18, 4697-4704.	1.7	104
280	Cholinesterase inhibition modulates visual and attentional brain responses in Alzheimer's disease and health. <i>Brain</i> , 2008, 131, 409-424.	3.7	104
281	An improved algorithm for model-based analysis of evoked skin conductance responses. <i>Biological Psychology</i> , 2013, 94, 490-497.	1.1	104
282	Locus coeruleus integrity in old age is selectively related to memories linked with salient negative events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2228-2233.	3.3	104
283	Adaptive anterior hippocampal responses to oddball stimuli. <i>Hippocampus</i> , 2001, 11, 690-698.	0.9	103
284	Metacognitive Failure as a Feature of Those Holding Radical Beliefs. <i>Current Biology</i> , 2018, 28, 4014-4021.e8.	1.8	103
285	Dopamine Enhances Expectation of Pleasure in Humans. <i>Current Biology</i> , 2009, 19, 2077-2080.	1.8	102
286	Action controls dopaminergic enhancement of reward representations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7511-7516.	3.3	102
287	Improving the reliability of model-based decision-making estimates in the two-stage decision task with reaction-times and drift-diffusion modeling. <i>PLoS Computational Biology</i> , 2019, 15, e1006803.	1.5	102
288	Asymmetrical Activation in the Human Brain during Processing of Fearful Faces. <i>Current Biology</i> , 2005, 15, 424-429.	1.8	101

#	ARTICLE	IF	CITATIONS
289	Blocking Central Opiate Function Modulates Hedonic Impact and Anterior Cingulate Response to Rewards and Losses. <i>Journal of Neuroscience</i> , 2008, 28, 10509-10516.	1.7	101
290	Computational Psychiatry of ADHD: Neural Gain Impairments across Marrian Levels of Analysis. <i>Trends in Neurosciences</i> , 2016, 39, 63-73.	4.2	99
291	Amygdala activity in obsessive-compulsive disorder with contamination fear: a study with oxygen-15 water positron emission tomography. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 225-237.	0.9	98
292	Dose dependent occupancy of central dopamine D2 receptors by the novel neuroleptic CP-88,059-01: a study using positron emission tomography and 11C-raclopride. <i>Psychopharmacology</i> , 1993, 112, 308-314.	1.5	97
293	The Brain Ages Optimally to Model Its Environment: Evidence from Sensory Learning over the Adult Lifespan. <i>PLoS Computational Biology</i> , 2014, 10, e1003422.	1.5	96
294	Conservative and disruptive modes of adolescent change in human brain functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3248-3253.	3.3	96
295	Ventral striatal prediction error signaling is associated with dopamine synthesis capacity and fluid intelligence. <i>Human Brain Mapping</i> , 2013, 34, 1490-1499.	1.9	94
296	Distinct and Convergent Visual Processing of High and Low Spatial Frequency Information in Faces. <i>Cerebral Cortex</i> , 2007, 17, 2713-2724.	1.6	92
297	Replay bursts in humans coincide with activation of the default mode and parietal alpha networks. <i>Neuron</i> , 2021, 109, 882-893.e7.	3.8	92
298	Contextual Novelty Changes Reward Representations in the Striatum. <i>Journal of Neuroscience</i> , 2010, 30, 1721-1726.	1.7	91
299	Age-related changes in working memory and the ability to ignore distraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6515-6518.	3.3	91
300	Measurement of human cerebral monoamine oxidase type B (MAO-B) activity with positron emission tomography (PET): a dose ranging study with the reversible inhibitor Ro 19-6327. <i>European Journal of Clinical Pharmacology</i> , 1991, 40, 169-173.	0.8	90
301	On the neurology of morals. <i>Nature Neuroscience</i> , 1999, 2, 927-929.	7.1	90
302	Influence of Dopaminergically Mediated Reward on Somatosensory Decision-Making. <i>PLoS Biology</i> , 2009, 7, e1000164.	2.6	90
303	Crowdsourcing for Cognitive Science – The Utility of Smartphones. <i>PLoS ONE</i> , 2014, 9, e100662.	1.1	90
304	Differential, but not opponent, effects of l-DOPA and citalopram on action learning with reward and punishment. <i>Psychopharmacology</i> , 2014, 231, 955-966.	1.5	89
305	The NMDA Agonist D-Cycloserine Facilitates Fear Memory Consolidation in Humans. <i>Cerebral Cortex</i> , 2009, 19, 187-196.	1.6	88
306	Subcortical amygdala pathways enable rapid face processing. <i>NeuroImage</i> , 2014, 102, 309-316.	2.1	88

#	ARTICLE	IF	CITATIONS
307	Brain mechanisms for mood congruent memory facilitation. <i>NeuroImage</i> , 2005, 25, 1214-1223.	2.1	87
308	Learning-Induced Plasticity in Medial Prefrontal Cortex Predicts Preference Malleability. <i>Neuron</i> , 2015, 85, 418-428.	3.8	87
309	Cooperation and Heterogeneity of the Autistic Mind. <i>Journal of Neuroscience</i> , 2010, 30, 8815-8818.	1.7	86
310	Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. <i>Nature Neuroscience</i> , 2019, 22, 992-999.	7.1	86
311	Repetitive Transcranial Magnetic Stimulation-Induced Changes in Sensorimotor Coupling Parallel Improvements of Somatosensation in Humans. <i>Journal of Neuroscience</i> , 2006, 26, 1945-1952.	1.7	85
312	Activity in Face-Responsive Brain Regions is Modulated by Invisible, Attended Faces: Evidence from Masked Priming. <i>Cerebral Cortex</i> , 2009, 19, 13-23.	1.6	85
313	Risk Taking for Potential Reward Decreases across the Lifespan. <i>Current Biology</i> , 2016, 26, 1634-1639.	1.8	85
314	Pharmacological Modulation of Behavioral and Neuronal Correlates of Repetition Priming. <i>Journal of Neuroscience</i> , 2001, 21, 6846-6852.	1.7	84
315	Doing the right thing: A common neural circuit for appropriate violent or compassionate behavior. <i>NeuroImage</i> , 2006, 30, 1069-1076.	2.1	84
316	Imaging Informational Conflict: A Functional Magnetic Resonance Imaging Study of Numerical Stroop. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 2049-2062.	1.1	84
317	The Known Unknowns: Neural Representation of Second-Order Uncertainty, and Ambiguity. <i>Journal of Neuroscience</i> , 2011, 31, 4811-4820.	1.7	84
318	Amygdala control of emotion-induced forgetting and remembering: Evidence from Urbach-Wiethe disease. <i>Neuropsychologia</i> , 2007, 45, 877-884.	0.7	83
319	Neuronal Distortions of Reward Probability without Choice. <i>Journal of Neuroscience</i> , 2008, 28, 11703-11711.	1.7	83
320	Model averaging, optimal inference, and habit formation. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 457.	1.0	83
321	Informational and Normative Influences in Conformity from a Neurocomputational Perspective. <i>Trends in Cognitive Sciences</i> , 2015, 19, 579-589.	4.0	83
322	Neural and computational processes underlying dynamic changes in self-esteem. <i>ELife</i> , 2017, 6, .	2.8	83
323	Experience replay is associated with efficient nonlocal learning. <i>Science</i> , 2021, 372, .	6.0	83
324	Dynamic Causal Models and Physiological Inference: A Validation Study Using Isoflurane Anaesthesia in Rodents. <i>PLoS ONE</i> , 2011, 6, e22790.	1.1	83

#	ARTICLE	IF	CITATIONS
325	Genetic Association and Brain Morphology Studies and the Chromosome 8p22 Pericentriolar Material 1 (PCM1) Gene in Susceptibility to Schizophrenia. <i>Archives of General Psychiatry</i> , 2006, 63, 844.	13.8	82
326	Emotional and autonomic consequences of spinal cord injury explored using functional brain imaging. <i>Brain</i> , 2006, 129, 718-728.	3.7	82
327	Noradrenergic neuromodulation of human attention for emotional and neutral stimuli. <i>Psychopharmacology</i> , 2008, 197, 127-136.	1.5	82
328	Deconstructing risk: Separable encoding of variance and skewness in the brain. <i>NeuroImage</i> , 2011, 58, 1139-1149.	2.1	82
329	Synchronization of Medial Temporal Lobe and Prefrontal Rhythms in Human Decision Making. <i>Journal of Neuroscience</i> , 2013, 33, 442-451.	1.7	82
330	Enhanced Processing of Threat Stimuli under Limited Attentional Resources. <i>Cerebral Cortex</i> , 2009, 19, 127-133.	1.6	81
331	Choking on the Money. <i>Psychological Science</i> , 2009, 20, 955-962.	1.8	81
332	Functional Evidence for a Dual Route to Amygdala. <i>Current Biology</i> , 2012, 22, 129-134.	1.8	81
333	Effects of Attention and Emotion on Repetition Priming and Their Modulation by Cholinergic Enhancement. <i>Journal of Neurophysiology</i> , 2003, 90, 1171-1181.	0.9	80
334	A common mechanism for adaptive scaling of reward and novelty. <i>Human Brain Mapping</i> , 2010, 31, 1380-1394.	1.9	80
335	Rewarding Feedback After Correct Visual Discriminations Has Both General and Specific Influences on Visual Cortex. <i>Journal of Neurophysiology</i> , 2010, 104, 1746-1757.	0.9	80
336	Dopamine, reward learning, and active inference. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 136.	1.2	80
337	Optimal inference with suboptimal models: Addiction and active Bayesian inference. <i>Medical Hypotheses</i> , 2015, 84, 109-117.	0.8	80
338	Social and motivational functioning is not critically dependent on feedback of autonomic responses: neuropsychological evidence from patients with pure autonomic failure. <i>Neuropsychologia</i> , 2004, 42, 1979-1988.	0.7	79
339	Dynamic causal modelling of anticipatory skin conductance responses. <i>Biological Psychology</i> , 2010, 85, 163-170.	1.1	79
340	Incidental retrieval of emotional contexts in post-traumatic stress disorder and depression: An fMRI study. <i>Brain and Cognition</i> , 2009, 69, 98-107.	0.8	78
341	Contextual interaction between novelty and reward processing within the mesolimbic system. <i>Human Brain Mapping</i> , 2012, 33, 1309-1324.	1.9	78
342	Neural consequences of competing stimuli in both visual hemifields: A physiological basis for visual extinction. <i>Annals of Neurology</i> , 2000, 47, 440-446.	2.8	77

#	ARTICLE	IF	CITATIONS
343	Functional dissociation of amygdala-modulated arousal and cognitive appraisal, in Turner syndrome. <i>Brain</i> , 2005, 128, 2084-2096.	3.7	77
344	Vigor in the Face of Fluctuating Rates of Reward: An Experimental Examination. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3933-3938.	1.1	77
345	The time course of binding to striatal dopamine D2 receptors by the neuroleptic ziprasidone (CP-88,059-01) determined by positron emission tomography. <i>Psychopharmacology</i> , 1996, 124, 141-147.	1.5	76
346	Fear Recognition Ability Predicts Differences in Social Cognitive and Neural Functioning in Men. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 889-897.	1.1	76
347	Metabolic State Alters Economic Decision Making under Risk in Humans. <i>PLoS ONE</i> , 2010, 5, e11090.	1.1	76
348	Quantitative Computed Tomography in Elderly Depressed Patients. <i>British Journal of Psychiatry</i> , 1983, 143, 124-127.	1.7	75
349	The Price of Pain and the Value of Suffering. <i>Psychological Science</i> , 2009, 20, 309-317.	1.8	73
350	A Stable Sparse Fear Memory Trace in Human Amygdala. <i>Journal of Neuroscience</i> , 2011, 31, 9383-9389.	1.7	73
351	Testosterone disrupts human collaboration by increasing egocentric choices. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2275-2280.	1.2	73
352	Preparing for Selective Inhibition within Frontostriatal Loops. <i>Journal of Neuroscience</i> , 2013, 33, 18087-18097.	1.7	73
353	The modulation of savouring by prediction error and its effects on choice. <i>ELife</i> , 2016, 5, .	2.8	72
354	Neural correlates of depth of processing effects on recollection: evidence from brain potentials and positron emission tomography. <i>Experimental Brain Research</i> , 1998, 123, 18-23.	0.7	71
355	Optimistic update bias increases in older age. <i>Psychological Medicine</i> , 2014, 44, 2003-2012.	2.7	71
356	Dissociable Reward and Timing Signals in Human Midbrain and Ventral Striatum. <i>Neuron</i> , 2011, 72, 654-664.	3.8	70
357	Experience-dependent coding of facial expression in superior temporal sulcus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13485-13489.	3.3	69
358	Is Choice-Induced Preference Change Long Lasting?. <i>Psychological Science</i> , 2012, 23, 1123-1129.	1.8	69
359	Modulation of retrieval processing reflects accuracy of emotional source memory. <i>Learning and Memory</i> , 2005, 12, 472-479.	0.5	68
360	β-Adrenergic Blockade during Memory Retrieval in Humans Evokes a Sustained Reduction of Declarative Emotional Memory Enhancement. <i>Journal of Neuroscience</i> , 2010, 30, 3959-3963.	1.7	68

#	ARTICLE	IF	CITATIONS
361	Cohort Profile: The NSPN 2400 Cohort: a developmental sample supporting the Wellcome Trust NeuroScience in Psychiatry Network. <i>International Journal of Epidemiology</i> , 2018, 47, 18-19g.	0.9	68
362	Local but not long-range microstructural differences of the ventral temporal cortex in developmental prosopagnosia. <i>Neuropsychologia</i> , 2015, 78, 195-206.	0.7	67
363	Dissociating intentional learning from relative novelty responses in the medial temporal lobe. <i>NeuroImage</i> , 2005, 25, 51-62.	2.1	66
364	Consistent spectral predictors for dynamic causal models of steady-state responses. <i>NeuroImage</i> , 2011, 55, 1694-1708.	2.1	66
365	A Regret-Induced Status Quo Bias. <i>Journal of Neuroscience</i> , 2011, 31, 3320-3327.	1.7	65
366	Model-Based Reasoning in Humans Becomes Automatic with Training. <i>PLoS Computational Biology</i> , 2015, 11, e1004463.	1.5	65
367	Dopaminergic basis for signaling belief updates, but not surprise, and the link to paranoia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10167-E10176.	3.3	65
368	Peak Frequency in the Theta and Alpha Bands Correlates with Human Working Memory Capacity. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 200.	1.0	64
369	Action-Specific Value Signals in Reward-Related Regions of the Human Brain. <i>Journal of Neuroscience</i> , 2012, 32, 16417-16423.	1.7	64
370	Active Inference, Evidence Accumulation, and the Urn Task. <i>Neural Computation</i> , 2015, 27, 306-328.	1.3	64
371	Neural signals encoding shifts in beliefs. <i>NeuroImage</i> , 2016, 125, 578-586.	2.1	64
372	Noradrenaline blockade specifically enhances metacognitive performance. <i>ELife</i> , 2017, 6, .	2.8	64
373	Effects of loss aversion on post-decision wagering: Implications for measures of awareness. <i>Consciousness and Cognition</i> , 2010, 19, 352-363.	0.8	63
374	Evidence for surprise minimization over value maximization in choice behavior. <i>Scientific Reports</i> , 2015, 5, 16575.	1.6	63
375	Striatal structure and function predict individual biases in learning to avoid pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4812-4817.	3.3	63
376	Differentiable Neural Substrates for Learned and Described Value and Risk. <i>Current Biology</i> , 2010, 20, 1823-1829.	1.8	60
377	Metacognitive impairments extend perceptual decision making weaknesses in compulsivity. <i>Scientific Reports</i> , 2017, 7, 6614.	1.6	60
378	Ventromedial prefrontal cortex drives hippocampal theta oscillations induced by mismatch computations. <i>NeuroImage</i> , 2015, 120, 362-370.	2.1	59

#	ARTICLE	IF	CITATIONS
379	Schizotypy-Related Magnetization of Cortex in Healthy Adolescence Is Colocated With Expression of Schizophrenia-Related Genes. <i>Biological Psychiatry</i> , 2020, 88, 248-259.	0.7	59
380	The influence of subcortical shortcuts on disordered sensory and cognitive processing. <i>Nature Reviews Neuroscience</i> , 2020, 21, 264-276.	4.9	59
381	Scopolamine but Not Lorazepam Modulates Face Repetition Priming A Psychopharmacological fMRI Study. <i>Neuropsychopharmacology</i> , 2002, 27, 282-292.	2.8	58
382	Decision-Theoretic Psychiatry. <i>Clinical Psychological Science</i> , 2015, 3, 400-421.	2.4	58
383	Effective Connectivity from Early Visual Cortex to Posterior Occipitotemporal Face Areas Supports Face Selectivity and Predicts Developmental Prosopagnosia. <i>Journal of Neuroscience</i> , 2016, 36, 3821-3828.	1.7	58
384	Dopamine Increases a Value-Independent Gambling Propensity. <i>Neuropsychopharmacology</i> , 2016, 41, 2658-2667.	2.8	58
385	Proactive and Reactive Response Inhibition across the Lifespan. <i>PLoS ONE</i> , 2015, 10, e0140383.	1.1	58
386	Social Regulation of Affective Experience of Humor. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1574-1580.	1.1	57
387	Cholinergic Stimulation Enhances Bayesian Belief Updating in the Deployment of Spatial Attention. <i>Journal of Neuroscience</i> , 2014, 34, 15735-15742.	1.7	57
388	The Role of the Right Anterior Prefrontal Cortex in Episodic Retrieval. <i>NeuroImage</i> , 2000, 11, 217-227.	2.1	56
389	Remote Effects of Hippocampal Sclerosis on Effective Connectivity during Working Memory Encoding: A Case of Connectional Diaschisis?. <i>Cerebral Cortex</i> , 2012, 22, 1225-1236.	1.6	56
390	Temporal structure in associative retrieval. <i>ELife</i> , 2015, 4, .	2.8	56
391	Neurophysiological correlates of increased verbal working memory in high-dissociative participants: a functional MRI study. <i>Psychological Medicine</i> , 2005, 35, 175-185.	2.7	55
392	Automatic relevance detection in the absence of a functional amygdala. <i>Neuropsychologia</i> , 2011, 49, 1302-1305.	0.7	55
393	Behavioral specifications of reward-associated long-term memory enhancement in humans. <i>Learning and Memory</i> , 2011, 18, 296-300.	0.5	55
394	Parcellation of the human substantia nigra based on anatomical connectivity to the striatum. <i>NeuroImage</i> , 2013, 81, 191-198.	2.1	55
395	The effect of the muscarinic antagonist scopolamine on regional cerebral blood flow during the performance of a memory task. <i>Experimental Brain Research</i> , 1995, 104, 337-48.	0.7	54
396	A novel presenilin mutation (M233V) causing very early onset Alzheimer's disease with Lewy bodies. <i>Neuroscience Letters</i> , 2001, 313, 93-95.	1.0	54

#	ARTICLE	IF	CITATIONS
397	Pharmacological Dissociation of Novelty Responses in the Human Brain. <i>Cerebral Cortex</i> , 2014, 24, 1351-1360.	1.6	54
398	Inferences about moral character moderate the impact of consequences on blame and praise. <i>Cognition</i> , 2017, 167, 201-211.	1.1	54
399	Increased decision thresholds enhance information gathering performance in juvenile Obsessive-Compulsive Disorder (OCD). <i>PLoS Computational Biology</i> , 2017, 13, e1005440.	1.5	54
400	Contextual Novelty Modulates the Neural Dynamics of Reward Anticipation. <i>Journal of Neuroscience</i> , 2011, 31, 12816-12822.	1.7	53
401	Reward Motivation Accelerates the Onset of Neural Novelty Signals in Humans to 85 Milliseconds. <i>Current Biology</i> , 2009, 19, 1294-1300.	1.8	52
402	Evolutionarily conserved mechanisms for the selection and maintenance of behavioural activity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20150053.	1.8	52
403	Computation in Psychotherapy, or How Computational Psychiatry Can Aid Learning-Based Psychological Therapies. <i>Computational Psychiatry</i> , 2020, 2, 50.	1.1	52
404	Structure of orbitofrontal cortex predicts social influence. <i>Current Biology</i> , 2012, 22, R123-R124.	1.8	51
405	Impaired threat prioritisation after selective bilateral amygdala lesions. <i>Cortex</i> , 2015, 63, 206-213.	1.1	51
406	Decodability of Reward Learning Signals Predicts Mood Fluctuations. <i>Current Biology</i> , 2018, 28, 1433-1439.e7.	1.8	51
407	Episodic memory retrieval success is associated with rapid replay of episode content. <i>Nature Neuroscience</i> , 2020, 23, 1025-1033.	7.1	50
408	Time-Dependent Changes in Learning Audiovisual Associations: A Single-Trial fMRI Study. <i>NeuroImage</i> , 2000, 11, 243-255.	2.1	49
409	Precision and neuronal dynamics in the human posterior parietal cortex during evidence accumulation. <i>NeuroImage</i> , 2015, 107, 219-228.	2.1	48
410	Switching between the Forest and the Trees: Brain Systems Involved in Local/Global Changed-Level Judgments. <i>NeuroImage</i> , 2001, 13, 56-67.	2.1	47
411	Modulation of auditory neural responses by a visual context in human fear conditioning. <i>NeuroReport</i> , 2001, 12, 3407-3411.	0.6	47
412	Neurophysiological correlates of habituation during exposure in spider phobia. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 149-158.	0.9	47
413	Emotion-induced retrograde amnesia varies as a function of noradrenergic-glucocorticoid activity. <i>Psychopharmacology</i> , 2007, 194, 261-269.	1.5	47
414	Effect of frontal lobe lesions on the recollection and familiarity components of recognition memory. <i>Neuropsychologia</i> , 2008, 46, 3124-3132.	0.7	47

#	ARTICLE	IF	CITATIONS
415	A Behavioral and Neural Evaluation of Prospective Decision-Making under Risk. <i>Journal of Neuroscience</i> , 2010, 30, 14380-14389.	1.7	47
416	Neural Segregation of Objective and Contextual Aspects of Fairness. <i>Journal of Neuroscience</i> , 2011, 31, 5244-5252.	1.7	47
417	Associations between aversive learning processes and transdiagnostic psychiatric symptoms in a general population sample. <i>Nature Communications</i> , 2020, 11, 4179.	5.8	47
418	The value of what's to come: Neural mechanisms coupling prediction error and the utility of anticipation. <i>Science Advances</i> , 2020, 6, eaba3828.	4.7	47
419	The Effect of Apomorphine and Bupirone on Regional Cerebral Blood Flow During the Performance of a Cognitive Task-Measuring Neuromodulatory Effects of Psychotropic Drugs in Man. <i>European Journal of Neuroscience</i> , 1992, 4, 1203-1212.	1.2	46
420	Vagus Nerve Stimulation for Treatment-Resistant Depression: Behavioral and Neural Effects on Encoding Negative Material. <i>Psychosomatic Medicine</i> , 2007, 69, 17-22.	1.3	46
421	Modulatory effects of 5Hz rTMS over the primary somatosensory cortex in focal dystonia—An fMRI-rTMS study. <i>Movement Disorders</i> , 2010, 25, 76-83.	2.2	46
422	Plasticity of human auditory-evoked fields induced by shock conditioning and contingency reversal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12545-12550.	3.3	46
423	Network reconfiguration and working memory impairment in mesial temporal lobe epilepsy. <i>NeuroImage</i> , 2013, 72, 48-54.	2.1	46
424	Credit assignment to state-independent task representations and its relationship with model-based decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15871-15876.	3.3	46
425	Temporally Dissociable Contributions of Human Medial Prefrontal Subregions to Reward-Guided Learning. <i>Journal of Neuroscience</i> , 2015, 35, 11209-11220.	1.7	45
426	Dynamic causal modeling of spontaneous fluctuations in skin conductance. <i>Psychophysiology</i> , 2011, 48, 252-257.	1.2	44
427	Cognitive functioning after medial frontal lobe damage including the anterior cingulate cortex: A preliminary investigation. <i>Brain and Cognition</i> , 2006, 60, 166-175.	0.8	43
428	Adaptive coding of reward prediction errors is gated by striatal coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4285-4289.	3.3	43
429	An MEG signature corresponding to an axiomatic model of reward prediction error. <i>NeuroImage</i> , 2012, 59, 635-645.	2.1	43
430	Relative Valuation of Pain in Human Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 14526-14535.	1.7	43
431	Approach-Induced Biases in Human Information Sampling. <i>PLoS Biology</i> , 2016, 14, e2000638.	2.6	43
432	Effects of cholinergic enhancement on conditioning-related responses in human auditory cortex. <i>European Journal of Neuroscience</i> , 2002, 16, 2199-2206.	1.2	42

#	ARTICLE	IF	CITATIONS
433	Emotion Causes Targeted Forgetting of Established Memories. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 175.	1.0	42
434	Effects of Category-Specific Costs on Neural Systems for Perceptual Decision-Making. <i>Journal of Neurophysiology</i> , 2010, 103, 3238-3247.	0.9	42
435	Characterising the latent structure and organisation of self-reported thoughts, feelings and behaviours in adolescents and young adults. <i>PLoS ONE</i> , 2017, 12, e0175381.	1.1	42
436	White matter tract myelin maturation and its association with general psychopathology in adolescence and early adulthood. <i>Human Brain Mapping</i> , 2020, 41, 827-839.	1.9	42
437	Impaired neural replay of inferred relationships in schizophrenia. <i>Cell</i> , 2021, 184, 4315-4328.e17.	13.5	42
438	Increased decision thresholds trigger extended information gathering across the compulsivity spectrum. <i>Translational Psychiatry</i> , 2017, 7, 1296.	2.4	41
439	Social and emotional functions in three patients with medial frontal lobe damage including the anterior cingulate cortex. <i>Cognitive Neuropsychiatry</i> , 2006, 11, 369-388.	0.7	40
440	Structural integrity of the substantia nigra and subthalamic nucleus predicts flexibility of instrumental learning in older-age individuals. <i>Neurobiology of Aging</i> , 2013, 34, 2261-2270.	1.5	40
441	The roles of online and offline replay in planning. <i>ELife</i> , 2020, 9, .	2.8	40
442	Dissociating neuromodulatory effects of diazepam on episodic memory encoding and executive function. <i>Psychopharmacology</i> , 1999, 145, 213-222.	1.5	39
443	A formal model of interpersonal inference. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 160.	1.0	39
444	Dissecting the Function of Hippocampal Oscillations in a Human Anxiety Model. <i>Journal of Neuroscience</i> , 2017, 37, 6869-6876.	1.7	39
445	Change, stability, and instability in the Pavlovian guidance of behaviour from adolescence to young adulthood. <i>PLoS Computational Biology</i> , 2018, 14, e1006679.	1.5	39
446	Modulation of fusiform cortex activity by cholinesterase inhibition predicts effects on subsequent memory. <i>Brain</i> , 2009, 132, 2356-2371.	3.7	38
447	Hedging Your Bets by Learning Reward Correlations in the Human Brain. <i>Neuron</i> , 2011, 71, 1141-1152.	3.8	38
448	Amygdala involvement in self-blame regret. <i>Social Neuroscience</i> , 2011, 6, 178-189.	0.7	38
449	Dread and the Disvalue of Future Pain. <i>PLoS Computational Biology</i> , 2013, 9, e1003335.	1.5	38
450	Framing effect following bilateral amygdala lesion. <i>Neuropsychologia</i> , 2010, 48, 1823-1827.	0.7	37

#	ARTICLE	IF	CITATIONS
451	How People Use Social Information to Find out What to Want in the Paradigmatic Case of Inter-temporal Preferences. PLoS Computational Biology, 2016, 12, e1004965.	1.5	37
452	Impact of nutrition on social decision making. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6510-6514.	3.3	37
453	Endogenous fluctuations in the dopaminergic midbrain drive behavioral choice variability. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18732-18737.	3.3	37
454	Anterior medial temporal lobe in human cognition: Memory for fear and the unexpected. Cognitive Neuropsychiatry, 2006, 11, 198-218.	0.7	36
455	Intuitive interference in quantitative reasoning. Brain Research, 2006, 1073-1074, 383-388.	1.1	36
456	Dorsal striatal dopamine D1 receptor availability predicts an instrumental bias in action learning. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 261-270.	3.3	36
457	A mechanistic account of serotonin's impact on mood. Nature Communications, 2020, 11, 2335.	5.8	36
458	Is Multivariate Analysis of PET Data More Revealing Than the Univariate Approach? Evidence from a Study of Episodic Memory Retrieval. NeuroImage, 1996, 3, 209-215.	2.1	35
459	Magnetoencephalography (MEG) determined temporal modulation of visual and auditory sensory processing in the context of classical conditioning to faces. NeuroImage, 2006, 32, 778-789.	2.1	35
460	Experience and Choice Shape Expected Aversive Outcomes. Journal of Neuroscience, 2010, 30, 9209-9215.	1.7	35
461	The neural underpinnings of an optimal exploitation of social information under uncertainty. Social Cognitive and Affective Neuroscience, 2014, 9, 1746-1753.	1.5	35
462	Anterior Cingulate Cortex Instigates Adaptive Switches in Choice by Integrating Immediate and Delayed Components of Value in Ventromedial Prefrontal Cortex. Journal of Neuroscience, 2014, 34, 3340-3349.	1.7	35
463	The influence of contextual reward statistics on risk preference. NeuroImage, 2016, 128, 74-84.	2.1	35
464	Conditioned associations and economic decision biases. NeuroImage, 2010, 53, 206-214.	2.1	34
465	Dissociating distractor-filtering at encoding and during maintenance.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 960-967.	0.7	34
466	Subliminal action priming modulates the perceived intensity of sensory action consequences. Cognition, 2014, 130, 227-235.	1.1	34
467	Decision-making ability, psychopathology, and brain connectivity. Neuron, 2021, 109, 2025-2040.e7.	3.8	34
468	Face adaptation aftereffects reveal anterior medial temporal cortex role in high level category representation. NeuroImage, 2007, 37, 300-310.	2.1	33

#	ARTICLE	IF	CITATIONS
469	Profiling neuronal ion channelopathies with non-invasive brain imaging and dynamic causal models: Case studies of single gene mutations. <i>NeuroImage</i> , 2016, 124, 43-53.	2.1	33
470	What Underlies Political Polarization? A Manifesto for Computational Political Psychology. <i>Trends in Cognitive Sciences</i> , 2019, 23, 820-822.	4.0	33
471	Annual Research Review: Developmental computational psychiatry. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2019, 60, 412-426.	3.1	33
472	Images of psychopathology. <i>Current Opinion in Neurobiology</i> , 1998, 8, 259-262.	2.0	32
473	β -adrenergic modulation of oddball responses in humans. <i>Behavioral and Brain Functions</i> , 2007, 3, 29.	1.4	32
474	Learning affective values for faces is expressed in amygdala and fusiform gyrus. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 109-118.	1.5	32
475	Keep focussing: striatal dopamine multiple functions resolved in a single mechanism tested in a simulated humanoid robot. <i>Frontiers in Psychology</i> , 2014, 5, 124.	1.1	32
476	Cross-modal effects of value on perceptual acuity and stimulus encoding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15244-15249.	3.3	32
477	Beta-Blocker Propranolol Modulates Decision Urgency During Sequential Information Gathering. <i>Journal of Neuroscience</i> , 2018, 38, 7170-7178.	1.7	32
478	Multiple Holdouts With Stability: Improving the Generalizability of Machine Learning Analyses of Brain- ϵ Behavior Relationships. <i>Biological Psychiatry</i> , 2020, 87, 368-376.	0.7	32
479	Serotonin Transporter Genotype Modulates Subgenual Response to Fearful Faces Using an Incidental Task. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3681-3693.	1.1	31
480	Approach-Avoidance Processes Contribute to Dissociable Impacts of Risk and Loss on Choice. <i>Journal of Neuroscience</i> , 2012, 32, 7009-7020.	1.7	31
481	Reward-Related Activity in Ventral Striatum Is Action Contingent and Modulated by Behavioral Relevance. <i>Journal of Neuroscience</i> , 2014, 34, 1271-1279.	1.7	31
482	Brain-behaviour modes of covariation in healthy and clinically depressed young people. <i>Scientific Reports</i> , 2019, 9, 11536.	1.6	31
483	A computational account of threat-related attentional bias. <i>PLoS Computational Biology</i> , 2019, 15, e1007341.	1.5	31
484	Fractionation of impulsive and compulsive trans-diagnostic phenotypes and their longitudinal associations. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019, 53, 896-907.	1.3	31
485	The role of dopamine in dynamic effort-reward integration. <i>Neuropsychopharmacology</i> , 2020, 45, 1448-1453.	2.8	31
486	Childhood socio-economic disadvantage predicts reduced myelin growth across adolescence and young adulthood. <i>Human Brain Mapping</i> , 2020, 41, 3392-3402.	1.9	31

#	ARTICLE	IF	CITATIONS
487	Changes in cerebral morphology consequent to peripheral autonomic denervation. <i>NeuroImage</i> , 2003, 18, 908-916.	2.1	30
488	Enhanced Alpha-oscillations in Visual Cortex during Anticipation of Self-generated Visual Stimulation. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2540-2551.	1.1	30
489	Neural processes mediating contextual influences on human choice behaviour. <i>Nature Communications</i> , 2016, 7, 12416.	5.8	30
490	Human complex exploration strategies are enriched by noradrenaline-modulated heuristics. <i>ELife</i> , 2021, 10, .	2.8	30
491	The functional anatomy of memory. <i>Experientia</i> , 1995, 51, 1197-1207.	1.2	29
492	The Effects of Interdistracter Similarity on Search Processes in Superior Parietal Cortex. <i>NeuroImage</i> , 2002, 15, 611-619.	2.1	29
493	Brain Substrates of Recovery from Misleading Influence. <i>Journal of Neuroscience</i> , 2014, 34, 7744-7753.	1.7	29
494	Acute stress selectively impairs learning to act. <i>Scientific Reports</i> , 2016, 6, 29816.	1.6	29
495	Trust and distrust: the perception of trustworthiness of faces in psychopathic and non-psychopathic offenders. <i>Personality and Individual Differences</i> , 2005, 38, 1735-1744.	1.6	28
496	The Effect of Motivation on Movement: A Study of Bradykinesia in Parkinson's Disease. <i>PLoS ONE</i> , 2012, 7, e47138.	1.1	28
497	DAT genotype modulates striatal processing and long-term memory for items associated with reward and punishment. <i>Neuropsychologia</i> , 2013, 51, 2184-2193.	0.7	28
498	Neural activity and fundamental learning, motivated by monetary loss and reward, are intact in mild to moderate major depressive disorder. <i>PLoS ONE</i> , 2018, 13, e0201451.	1.1	28
499	Dogmatism manifests in lowered information search under uncertainty. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31527-31534.	3.3	28
500	Effect of the 5-HT1A partial agonist buspirone on regional cerebral blood flow in man. <i>Psychopharmacology</i> , 1992, 108, 380-386.	1.5	27
501	Transcranial Direct Current Stimulation of Right Dorsolateral Prefrontal Cortex Does Not Affect Model-Based or Model-Free Reinforcement Learning in Humans. <i>PLoS ONE</i> , 2014, 9, e86850.	1.1	27
502	Parsing the Role of the Hippocampus in Approach-Avoidance Conflict. <i>Cerebral Cortex</i> , 2017, 27, 201-215.	1.6	27
503	The social contingency of momentary subjective well-being. <i>Nature Communications</i> , 2016, 7, 11825.	5.8	27
504	Decoding cognition from spontaneous neural activity. <i>Nature Reviews Neuroscience</i> , 2022, 23, 204-214.	4.9	27

#	ARTICLE	IF	CITATIONS
505	Neuronal correlates of familiarity-driven decisions in artificial grammar learning. <i>NeuroReport</i> , 2003, 14, 131-136.	0.6	26
506	Effects of Emotional Preferences on Value-based Decision-making Are Mediated by Mentalizing and Not Reward Networks. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2197-2210.	1.1	26
507	The Dopaminergic Midbrain Mediates an Effect of Average Reward on Pavlovian Vigor. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1303-1317.	1.1	26
508	Distinct Roles of Dopamine and Noradrenaline in Incidental Memory. <i>Journal of Neuroscience</i> , 2019, 39, 7715-7721.	1.7	26
509	Distinct Processing of Aversive Experience in Amygdala Subregions. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 291-300.	1.1	26
510	Basal Ganglia Activity Mirrors a Benefit of Action and Reward on Long-Lasting Event Memory. <i>Cerebral Cortex</i> , 2015, 25, 4908-4917.	1.6	25
511	Parallel processing streams for motor output and sensory prediction during action preparation. <i>Journal of Neurophysiology</i> , 2015, 113, 1752-1762.	0.9	25
512	A Computational Analysis of Aberrant Delay Discounting in Psychiatric Disorders. <i>Frontiers in Psychology</i> , 2016, 6, 1948.	1.1	25
513	Neural Mechanisms of Harm-Avoidance Learning. <i>JAMA Psychiatry</i> , 2016, 73, 1196.	6.0	25
514	The Neural Response in Short-Term Visual Recognition Memory for Perceptual Conjunctions. <i>NeuroImage</i> , 1998, 7, 14-22.	2.1	24
515	Retrospective model-based inference guides model-free credit assignment. <i>Nature Communications</i> , 2019, 10, 750.	5.8	24
516	Priming for self-esteem influences the monitoring of one's own performance. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 417-425.	1.5	23
517	Corticolimbic catecholamines in stress: a computational model of the appraisal of controllability. <i>Brain Structure and Function</i> , 2015, 220, 1339-1353.	1.2	23
518	Compulsivity is linked to reduced adolescent development of goal-directed control and frontostriatal functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25911-25922.	3.3	23
519	Neurocomputational mechanisms underpinning aberrant social learning in young adults with low self-esteem. <i>Translational Psychiatry</i> , 2020, 10, 96.	2.4	23
520	Transdiagnostic neuroimaging markers of psychiatric risk: A narrative review. <i>NeuroImage: Clinical</i> , 2021, 30, 102634.	1.4	23
521	Building a New Field of Computational Psychiatry. <i>Biological Psychiatry</i> , 2017, 82, 388-390.	0.7	22
522	Temporally delayed linear modelling (TDLM) measures replay in both animals and humans. <i>ELife</i> , 2021, 10, .	2.8	22

#	ARTICLE	IF	CITATIONS
523	A Role for the Striatum in Regret-related Choice Repetition. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 845-856.	1.1	21
524	The human amygdala encodes value and space during decision making. <i>NeuroImage</i> , 2014, 101, 712-719.	2.1	21
525	Context-specific activation of hippocampus and SN/VTA by reward is related to enhanced long-term memory for embedded objects. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 65-77.	1.0	21
526	A unifying Bayesian account of contextual effects in value-based choice. <i>PLoS Computational Biology</i> , 2017, 13, e1005769.	1.5	21
527	A Bayesian model of context-sensitive value attribution. <i>ELife</i> , 2016, 5, .	2.8	21
528	Enhanced emotion-induced amnesia in borderline personality disorder. <i>Psychological Medicine</i> , 2007, 37, 971-981.	2.7	20
529	Unimpaired discrimination of fearful prosody after amygdala lesion. <i>Neuropsychologia</i> , 2013, 51, 2070-2074.	0.7	20
530	Characterising reward outcome signals in sensory cortex. <i>NeuroImage</i> , 2013, 83, 329-334.	2.1	20
531	Emotional arousal and recognition memory are differentially reflected in pupil diameter responses during emotional memory for negative events in younger and older adults. <i>Neurobiology of Aging</i> , 2017, 58, 129-139.	1.5	20
532	The distinction between depression and dementia in the very old. <i>International Journal of Geriatric Psychiatry</i> , 1990, 5, 193-198.	1.3	19
533	Left prefrontal cortex control of novel occurrences during recollection: A psychopharmacological study using scopolamine and event-related fMRI. <i>NeuroImage</i> , 2006, 33, 286-295.	2.1	19
534	Emotion-Induced Retrograde Amnesia Is Determined by a 5-HTT Genetic Polymorphism. <i>Journal of Neuroscience</i> , 2008, 28, 7036-7039.	1.7	19
535	Facial expression influences face identity recognition during the attentional blink.. <i>Emotion</i> , 2014, 14, 1007-1013.	1.5	19
536	Magnetoencephalography decoding reveals structural differences within integrative decision processes. <i>Nature Human Behaviour</i> , 2018, 2, 670-681.	6.2	19
537	High-precision magnetoencephalography for reconstructing amygdalar and hippocampal oscillations during prediction of safety and threat. <i>Human Brain Mapping</i> , 2019, 40, 4114-4129.	1.9	19
538	Computing Value from Quality and Quantity in Human Decision-Making. <i>Journal of Neuroscience</i> , 2019, 39, 163-176.	1.7	19
539	Whole-Brain Neural Dynamics of Probabilistic Reward Prediction. <i>Journal of Neuroscience</i> , 2017, 37, 3789-3798.	1.7	18
540	Model-based aversive learning in humans is supported by preferential task state reactivation. <i>Science Advances</i> , 2021, 7, .	4.7	18

#	ARTICLE	IF	CITATIONS
541	The role of human orbitofrontal cortex in reward prediction and behavioral choice: insights from neuroimaging. , 2006, , 265-284.		18
542	Sequential inference as a mode of cognition and its correlates in fronto-parietal and hippocampal brain regions. PLoS Computational Biology, 2017, 13, e1005418.	1.5	18
543	Social redistribution of pain and money. Scientific Reports, 2015, 5, 15389.	1.6	17
544	Deep brain stimulation of the subthalamic nucleus modulates sensitivity to decision outcome value in Parkinson's disease. Scientific Reports, 2016, 6, 32509.	1.6	17
545	Prospective and Pavlovian mechanisms in aversive behaviour. Cognition, 2016, 146, 415-425.	1.1	17
546	The role of the hippocampus in weighting expectations during inference under uncertainty. Cortex, 2019, 115, 1-14.	1.1	17
547	Predictors of risky foraging behaviour in healthy young people. Nature Human Behaviour, 2020, 4, 832-843.	6.2	17
548	Learning and Generalization under Ambiguity: An fMRI Study. PLoS Computational Biology, 2012, 8, e1002346.	1.5	17
549	Attractor models of working memory and their modulation by reward. Biological Cybernetics, 2008, 98, 11-18.	0.6	16
550	Reinforcement learning as an intermediate phenotype in psychosis? Deficits sensitive to illness stage but not associated with polygenic risk of schizophrenia in the general population. Schizophrenia Research, 2020, 222, 389-396.	1.1	16
551	Preference uncertainty accounts for developmental effects on susceptibility to peer influence in adolescence. Nature Communications, 2021, 12, 3823.	5.8	16
552	The Neural Basis of Metacognitive Ability. , 2014, , 245-265.		16
553	Action and Valence Modulate Choice and Choice-Induced Preference Change. PLoS ONE, 2015, 10, e0119682.	1.1	16
554	Changing pattern in the basal ganglia: motor switching under reduced dopaminergic drive. Scientific Reports, 2016, 6, 23327.	1.6	15
555	Uncertainty in learning, choice, and visual fixation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3291-3300.	3.3	15
556	Disrupted state transition learning as a computational marker of compulsivity. Psychological Medicine, 2023, 53, 2095-2105.	2.7	15
557	Local striatal reward signals can be predicted from corticostriatal connectivity. NeuroImage, 2017, 159, 9-17.	2.1	15
558	The effects of life stress and neural learning signals on fluid intelligence. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265, 35-43.	1.8	14

#	ARTICLE	IF	CITATIONS
559	Cortical drive of low-frequency oscillations in the human nucleus accumbens during action selection. <i>Journal of Neurophysiology</i> , 2015, 114, 29-39.	0.9	14
560	Older adults fail to form stable task representations during model-based reversal inference. <i>Neurobiology of Aging</i> , 2019, 74, 90-100.	1.5	14
561	Sexually divergent development of depression-related brain networks during healthy human adolescence. <i>Science Advances</i> , 2022, 8, .	4.7	14
562	Response to Small: Crossmodal integration “ insights from the chemical senses. <i>Trends in Neurosciences</i> , 2004, 27, 123-124.	4.2	13
563	Value encoding in the globus pallidus: fMRI reveals an interaction effect between reward and dopamine drive. <i>NeuroImage</i> , 2018, 173, 249-257.	2.1	13
564	Brain micro-architecture and disinhibition: a latent phenotyping study across 33 impulsive and compulsive behaviours. <i>Neuropsychopharmacology</i> , 2021, 46, 423-431.	2.8	13
565	A Neurocomputational Model for Intrinsic Reward. <i>Journal of Neuroscience</i> , 2021, 41, 8963-8971.	1.7	13
566	Assaying the Effect of Levodopa on the Evaluation of Risk in Healthy Humans. <i>PLoS ONE</i> , 2013, 8, e68177.	1.1	12
567	Receipt of reward leads to altered estimation of effort. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13407-13410.	3.3	12
568	Representation of probabilistic outcomes during risky decision-making. <i>Nature Communications</i> , 2020, 11, 2419.	5.8	12
569	How do the prevalence and relative risk of non-suicidal self-injury and suicidal thoughts vary across the population distribution of common mental distress (the p factor)? Observational analyses replicated in two independent UK cohorts of young people. <i>BMJ Open</i> , 2020, 10, e032494.	0.8	12
570	Surprise Leads to Noisier Perceptual Decisions. <i>I-Perception</i> , 2011, 2, 112-120.	0.8	11
571	Optimistic biases in observational learning of value. <i>Cognition</i> , 2011, 119, 394-402.	1.1	11
572	Reprint of: DAT genotype modulates striatal processing and long-term memory for items associated with reward and punishment. <i>Neuropsychologia</i> , 2013, 51, 2469-2477.	0.7	11
573	Distinct encoding of risk and value in economic choice between multiple risky options. <i>NeuroImage</i> , 2013, 81, 431-440.	2.1	11
574	Multiple value signals in dopaminergic midbrain and their role in avoidance contexts. <i>NeuroImage</i> , 2016, 135, 197-203.	2.1	11
575	Decreased value-sensitivity in schizophrenia. <i>Psychiatry Research</i> , 2018, 259, 295-301.	1.7	11
576	Learning Contextual Reward Expectations for Value Adaptation. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 50-69.	1.1	11

#	ARTICLE	IF	CITATIONS
577	Hypotheses About the Relationship of Cognition With Psychopathology Should be Tested by Embedding Them Into Empirical Priors. <i>Frontiers in Psychology</i> , 2018, 9, 2504.	1.1	11
578	Age-dependent Pavlovian biases influence motor decision-making. <i>PLoS Computational Biology</i> , 2018, 14, e1006304.	1.5	11
579	Learning in anticipation of reward and punishment: perspectives across the human lifespan. <i>Neurobiology of Aging</i> , 2020, 96, 49-57.	1.5	11
580	Human subjects exploit a cognitive map for credit assignment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
581	A Reduced Self-Positive Belief Underpins Greater Sensitivity to Negative Evaluation in Socially Anxious Individuals. <i>Computational Psychiatry</i> , 2021, 5, 21.	1.1	11
582	Happier People Show Greater Neural Connectivity during Negative Self-Referential Processing. <i>PLoS ONE</i> , 2016, 11, e0149554.	1.1	11
583	Stimulus Novelty Energizes Actions in the Absence of Explicit Reward. <i>PLoS ONE</i> , 2016, 11, e0159120.	1.1	11
584	The effect of visual salience on memory-based choices. <i>Journal of Neurophysiology</i> , 2014, 111, 481-487.	0.9	10
585	A Goal-Directed Bayesian Framework for Categorization. <i>Frontiers in Psychology</i> , 2017, 8, 408.	1.1	10
586	Translation of Computational Psychiatry in the Context of Addiction. <i>JAMA Psychiatry</i> , 2020, 77, 1099.	6.0	10
587	Dissociable Influences of Skewness and Valence on Economic Choice and Neural Activity. <i>PLoS ONE</i> , 2013, 8, e83454.	1.1	10
588	Human responses to unfairness with primary rewards and their biological limits. <i>Scientific Reports</i> , 2012, 2, 593.	1.6	9
589	No unified reward prediction error in local field potentials from the human nucleus accumbens: evidence from epilepsy patients. <i>Journal of Neurophysiology</i> , 2015, 114, 781-792.	0.9	9
590	Other people's money: The role of reciprocity and social uncertainty in decisions for others.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2017, 10, 59-80.	0.4	9
591	Explaining distortions in metacognition with an attractor network model of decision uncertainty. <i>PLoS Computational Biology</i> , 2021, 17, e1009201.	1.5	9
592	Oxytocin Effect on Collective Decision Making: A Randomized Placebo Controlled Study. <i>PLoS ONE</i> , 2016, 11, e0153352.	1.1	9
593	Altruistic Learning. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 23.	1.0	8
594	Developmental changes in effects of risk and valence on adolescent decision-making. <i>Cognitive Development</i> , 2013, 28, 290-299.	0.7	8

#	ARTICLE	IF	CITATIONS
595	Sustained Magnetic Responses in Temporal Cortex Reflect Instantaneous Significance of Approaching and Receding Sounds. PLoS ONE, 2015, 10, e0134060.	1.1	8
596	Taming the shrewdness of neural function: methodological challenges in computational psychiatry. Current Opinion in Behavioral Sciences, 2015, 5, 128-132.	2.0	8
597	Perimovement decrease of alpha/beta oscillations in the human nucleus accumbens. Journal of Neurophysiology, 2016, 116, 1663-1672.	0.9	8
598	Agent-specific learning signals for self-“other distinction during mentalising. PLoS Biology, 2018, 16, e2004752.	2.6	8
599	Towards formal models of psychopathological traits that explain symptom trajectories. BMC Medicine, 2020, 18, 264.	2.3	8
600	Testosterone induces off-line perceptual learning. Psychopharmacology, 2012, 224, 451-457.	1.5	7
601	Manipulating the contribution of approach-avoidance to the perturbation of economic choice by valence. Frontiers in Neuroscience, 2013, 7, 228.	1.4	7
602	Prices need no preferences: Social trends determine decisions in experimental markets for pain relief.. Health Psychology, 2014, 33, 66-76.	1.3	7
603	Integration of Retinal and Extraretinal Information across Eye Movements. PLoS ONE, 2015, 10, e0116810.	1.1	7
604	Vigour in active avoidance. Scientific Reports, 2017, 7, 60.	1.6	7
605	Risk preference and choice stochasticity during decisions for other people. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 331-341.	1.0	7
606	Humans perseverate on punishment avoidance goals in multigoal reinforcement learning. ELife, 2022, 11, .	2.8	7
607	Low self-esteem and the formation of global self-performance estimates in emerging adulthood. Translational Psychiatry, 2022, 12, .	2.4	7
608	11 Positron emission tomography as a research tool in the investigation of psychiatric and psychological disorders. Bailliere's Clinical Endocrinology and Metabolism, 1991, 5, 187-203.	1.0	6
609	The Neurobiology of Preferences. , 2012, , 3-31.		6
610	The chronometry of risk processing in the human cortex. Frontiers in Neuroscience, 2013, 7, 146.	1.4	6
611	Temporally Unpredictable Sounds Exert a Context-Dependent Influence on Evaluation of Unrelated Images. PLoS ONE, 2015, 10, e0131065.	1.1	6
612	Overcoming Pavlovian bias in semantic space. Scientific Reports, 2021, 11, 3416.	1.6	6

#	ARTICLE	IF	CITATIONS
613	Multi-Round Trust Game Quantifies Inter-Individual Differences in Social Exchange from Adolescence to Adulthood. <i>Computational Psychiatry</i> , 2021, 5, 102-118.	1.1	6
614	Dopamine enhances model-free credit assignment through boosting of retrospective model-based inference. <i>ELife</i> , 2021, 10, .	2.8	6
615	Peripheral Serotonin 1B Receptor Transcription Predicts the Effect of Acute Tryptophan Depletion on Risky Decision-Making. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, pyw075.	1.0	5
616	Social discounting of pain. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 114, 308-325.	0.8	5
617	Social training reconfigures prediction errors to shape Self-Other boundaries. <i>Nature Communications</i> , 2020, 11, 3030.	5.8	5
618	Mobile Data Collection of Cognitive-Behavioral Tasks in Substance Use Disorders: Where Are We Now?. <i>Neuropsychobiology</i> , 2022, 81, 438-450.	0.9	5
619	Positron Emission Tomography in Psychopharmacology. <i>International Review of Psychiatry</i> , 1990, 2, 427-439.	1.4	4
620	Anticipation and Choice Heuristics in the Dynamic Consumption of Pain Relief. <i>PLoS Computational Biology</i> , 2015, 11, e1004030.	1.5	4
621	Model based planners reflect on their model-free propensities. <i>PLoS Computational Biology</i> , 2021, 17, e1008552.	1.5	4
622	Ergodicity-breaking reveals time optimal decision making in humans. <i>PLoS Computational Biology</i> , 2021, 17, e1009217.	1.5	4
623	Functional imaging and the neurobiology of the psychoses. <i>Seminars in Neuroscience</i> , 1995, 7, 165-171.	2.3	3
624	Competition strength influences individual preferences in an auction game. <i>Cognition</i> , 2014, 133, 480-487.	1.1	3
625	Sharing a Context with Other Rewarding Events Increases the Probability that Neutral Events will be Recollected. <i>Frontiers in Human Neuroscience</i> , 2016, 9, 683.	1.0	3
626	Opportunities, risks and challenges in global mental health and population neuroscience: a case of Sino-German cooperation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1027-1034.	1.8	3
627	Dopamine Enhances Model-Free Credit Assignment Through Boosting of Retrospective Model-Based Inference. <i>Biological Psychiatry</i> , 2021, 89, S94.	0.7	3
628	Digital Phenotyping and Mobile Sensing in Addiction Psychiatry. <i>Pharmacopsychiatry</i> , 2021, 54, 287-288.	1.7	3
629	Opportunities for emotion and mental health research in the resource-rationality framework. <i>Behavioral and Brain Sciences</i> , 2020, 43, e21.	0.4	3
630	Assigning the right credit to the wrong action: compulsivity in the general population is associated with augmented outcome-irrelevant value-based learning. <i>Translational Psychiatry</i> , 2021, 11, 564.	2.4	3

#	ARTICLE	IF	CITATIONS
631	Synaptic Gain Abnormalities in Schizophrenia and the Potential Relevance for Cognition. <i>Biological Psychiatry</i> , 2022, 91, 167-169.	0.7	3
632	Re-construction of action awareness depends on an internal model of action-outcome timing. <i>Consciousness and Cognition</i> , 2014, 25, 11-16.	0.8	2
633	How beliefs about self-creation inflate value in the human brain. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 473.	1.0	2
634	Examining the relationship between altered brain functional connectome and disinhibition across 33 impulsive and compulsive behaviours. <i>British Journal of Psychiatry</i> , 2021, , 1-3.	1.7	2
635	Efficiency and prioritization of inference-based credit assignment. <i>Current Biology</i> , 2021, 31, 2747-2756.e6.	1.8	2
636	The body in the brain. <i>Daedalus</i> , 2006, 135, 78-85.	0.9	1
637	Better than expected: the influence of option expectations during decision-making. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182472.	1.2	1
638	Neural consequences of competing stimuli in both visual hemifields: A physiological basis for visual extinction. , 2000, 47, 440.		1
639	Relationship Between Replay-Associated Ripples and Hippocampal <i>N</i> -Methyl-D-Aspartate Receptors: Preliminary Evidence From a PET-MEG Study in Schizophrenia. <i>Schizophrenia Bulletin Open</i> , 2022, 3, .	0.9	1
640	Positron emission tomography in the study of neuropsychiatric disorders â€“ its uses and potential. <i>Irish Journal of Psychological Medicine</i> , 1989, 6, 81-88.	0.7	0
641	Feeling States in Emotion. , 2004, , 204-220.		0
642	Geneâ€“Brain Structure Relationships: Arbitrary Assumptions of Heterogeneity Generate Unfalsifiable Claimsâ€”Reply. <i>Archives of General Psychiatry</i> , 2007, 64, 1098.	13.8	0
643	Jon Driver (1962-2011). <i>Trends in Cognitive Sciences</i> , 2012, 16, 189-191.	4.0	0
644	S70. Endogenous Fluctuations in the Dopaminergic Midbrain Modulate Choice Behavior. <i>Biological Psychiatry</i> , 2018, 83, S374.	0.7	0
645	Dreading the pain of others? Altruistic responses to others' pain underestimate dread. <i>Journal of the Experimental Analysis of Behavior</i> , 2021, 116, 359-378.	0.8	0
646	The Origins of Forgetting in a Case of Isolated Retrograde Amnesia Following a Haemorrhage: Evidence From Functional Imaging. <i>Neurocase</i> , 1998, 4, 437-446.	0.2	0