List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Obesity risk is associated with altered cerebral glucose metabolism and decreased μ-opioid and CB1 receptor availability. International Journal of Obesity, 2022, 46, 400-407.	1.6	16
2	μ-opioid receptor availability is associated with sex drive in human males. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 281-290.	1.0	3
3	Classification of emotion categories based on functional connectivity patterns of the human brain. NeuroImage, 2022, 247, 118800.	2.1	17
4	Aberrant motor contagion of emotions in psychopathy and high-functioning autism. Cerebral Cortex, 2022, 33, 374-384.	1.6	2
5	Atlas of type 2 dopamine receptors in the human brain: Age and sex dependent variability in a large PET cohort. NeuroImage, 2022, 255, 119149.	2.1	8
6	Brain structural alterations in autism and criminal psychopathy. NeuroImage: Clinical, 2022, 35, 103116.	1.4	4
7	Brain insulin sensitivity is linked to body fat distribution—the positron emission tomography perspective. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 966-968.	3.3	8
8	Relationship-specific Encoding of Social Touch in Somatosensory and Insular Cortices. Neuroscience, 2021, 464, 105-116.	1.1	14
9	Adult Attachment System Links With Brain Mu Opioid Receptor Availability InÂVivo. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 360-369.	1.1	17
10	Insulin Resistance Is Associated With Enhanced Brain Glucose Uptake During Euglycemic Hyperinsulinemia: A Large-Scale PET Cohort. Diabetes Care, 2021, 44, 788-794.	4.3	31
11	Investigating the effects of perinatal status and gender on adults' responses to infant and adult facial emotion Emotion, 2021, 21, 337-349.	1.5	6
12	The Obesity Risk SNP (rs17782313) near the MC4R Gene Is Not Associated with Brain Glucose Uptake during Insulin Clamp—A Study in Finns. Journal of Clinical Medicine, 2021, 10, 1312.	1.0	1
13	Brain Basis of Psychopathy in Criminal Offenders and General Population. Cerebral Cortex, 2021, 31, 4104-4114.	1.6	19
14	Attentional bias towards interpersonal aggression in depression – an eye movement study. Scandinavian Journal of Psychology, 2021, 62, 639-647.	0.8	3
15	Mesolimbic opioid-dopamine interaction is disrupted in obesity but recovered by weight loss following bariatric surgery. Translational Psychiatry, 2021, 11, 259.	2.4	10
16	Preoperative brain μ-opioid receptor availability predicts weight development following bariatric surgery in women. JCI Insight, 2021, 6, .	2.3	3
17	Carnal pleasures. Current Opinion in Behavioral Sciences, 2021, 39, 85-92.	2.0	2
18	Secretin activates brown fat and induces satiation. Nature Metabolism, 2021, 3, 798-809.	5.1	41

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19	Reward and emotion: an affective neuroscience approach. Current Opinion in Behavioral Sciences, 2021, 39, 161-167.	2.0	31
20	Social pleasures of music. Current Opinion in Behavioral Sciences, 2021, 39, 196-202.	2.0	10
21	Cerebral grey matter density is associated with neuroreceptor and neurotransporter availability: A combined PET and MRI study. NeuroImage, 2021, 235, 117968.	2.1	9
22	Escitalopram enhances synchrony of brain responses during emotional narratives in patients with major depressive disorder. Neurolmage, 2021, 237, 118110.	2.1	9
23	Cerebral μ-opioid and CB1 receptor systems have distinct roles in human feeding behavior. Translational Psychiatry, 2021, 11, 442.	2.4	13
24	Decoding Music-Evoked Emotions in the Auditory and Motor Cortex. Cerebral Cortex, 2021, 31, 2549-2560.	1.6	31
25	Seasonal Variation in the Brain μ-Opioid Receptor Availability. Journal of Neuroscience, 2021, 41, 1265-1273.	1.7	14
26	Dissociable neural systems for unconditioned acute and sustained fear. NeuroImage, 2020, 216, 116522.	2.1	22
27	Automated segmentation of acute stroke lesions using a data-driven anomaly detection on diffusion weighted MRI. Journal of Neuroscience Methods, 2020, 333, 108575.	1.3	31
28	Statistical pattern recognition reveals shared neural signatures for displaying and recognizing specific facial expressions. Social Cognitive and Affective Neuroscience, 2020, 15, 803-813.	1.5	15
29	Brain substrate metabolism and ßâ€cell function in humans: A positron emission tomography study. Endocrinology, Diabetes and Metabolism, 2020, 3, e00136.	1.0	11
30	Interindividual variability and lateralization of μ-opioid receptors in the human brain. NeuroImage, 2020, 217, 116922.	2.1	60
31	Lowered endogenous mu-opioid receptor availability in subclinical depression and anxiety. Neuropsychopharmacology, 2020, 45, 1953-1959.	2.8	44
32	Magia: Robust Automated Image Processing and Kinetic Modeling Toolbox for PET Neuroinformatics. Frontiers in Neuroinformatics, 2020, 14, 3.	1.3	41
33	Imaging Real-Time Tactile Interaction With Two-Person Dual-Coil fMRI. Frontiers in Psychiatry, 2020, 11, 279.	1.3	13
34	Bodily maps of emotions are culturally universal Emotion, 2020, 20, 1127-1136.	1.5	43
35	Brain glucose uptake is associated with endogenous glucose production in obese patients before and after bariatric surgery and predicts metabolic outcome at followâ€up. Diabetes, Obesity and Metabolism, 2019, 21, 218-226.	2.2	36
36	Brain neurokinin-1 receptor availability in never-medicated patients with major depression – A pilot study. Journal of Affective Disorders, 2019, 242, 188-194.	2.0	6

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37	Emotions amplify speaker–listener neural alignment. Human Brain Mapping, 2019, 40, 4777-4788.	1.9	37
38	The opioid agonist remifentanil increases subjective pleasure. British Journal of Anaesthesia, 2019, 122, e216-e219.	1.5	4
39	Cross-cultural similarity in relationship-specific social touching. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190467.	1.2	59
40	Anomalous Bodily Maps of Emotions in Schizophrenia. Schizophrenia Bulletin, 2019, 45, 1060-1067.	2.3	35
41	Opioidergic Regulation of Emotional Arousal: A Combined PET–fMRI Study. Cerebral Cortex, 2019, 29, 4006-4016.	1.6	32
42	Emotions as discrete patterns of systemic activity. Neuroscience Letters, 2019, 693, 3-8.	1.0	50
43	Tracking multiple moving auditory targets. Journal of Vision, 2019, 19, 281a.	0.1	Ο
44	Sharing the social world via intersubject neural synchronisation. Current Opinion in Psychology, 2018, 24, 7-14.	2.5	91
45	μ-opioid receptor system mediates reward processing in humans. Nature Communications, 2018, 9, 1500.	5.8	76
46	Short-term escitalopram treatment normalizes aberrant self-referential processing in major depressive disorder. Journal of Affective Disorders, 2018, 236, 222-229.	2.0	50
47	Distributed affective space represents multiple emotion categories across the human brain. Social Cognitive and Affective Neuroscience, 2018, 13, 471-482.	1.5	105
48	Simultaneous PET-MRI Confirms That Cerebral Blood Flow Does Not Confound PET Neuroreceptor Activation Studies. ACS Chemical Neuroscience, 2018, 9, 159-161.	1.7	1
49	Binge eating disorder and morbid obesity are associated with lowered mu-opioid receptor availability in the brain. Psychiatry Research - Neuroimaging, 2018, 276, 41-45.	0.9	31
50	Opioid system and human emotions. British Journal of Pharmacology, 2018, 175, 2737-2749.	2.7	101
51	Angry faces are tracked more easily than neutral faces during multiple identity tracking. Cognition and Emotion, 2018, 32, 464-479.	1.2	8
52	Opioid Release after High-Intensity Interval Training in Healthy Human Subjects. Neuropsychopharmacology, 2018, 43, 246-254.	2.8	83
53	Opioidergic regulation of pain and pleasure in human social relationships. Neuropsychopharmacology, 2018, 43, 217-218.	2.8	4
54	A Partial Loss-of-Function Variant in <i>AKT2</i> Is Associated With Reduced Insulin-Mediated Glucose Uptake in Multiple Insulin-Sensitive Tissues: A Genotype-Based Callback Positron Emission Tomography Study. Diabetes, 2018, 67, 334-342.	0.3	37

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55	Maps of subjective feelings. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9198-9203.	3.3	126
56	Reproducibility of importance extraction methods in neural network based fMRI classification. NeuroImage, 2018, 181, 44-54.	2.1	11
57	Aberrant Cortical Integration in First-Episode Psychosis During Natural Audiovisual Processing. Biological Psychiatry, 2018, 84, 655-664.	0.7	26
58	Aerobic exercise modulates anticipatory reward processing via the μâ€opioid receptor system. Human Brain Mapping, 2018, 39, 3972-3983.	1.9	24
59	Social Laughter Triggers Endogenous Opioid Release in Humans. Journal of Neuroscience, 2017, 37, 6125-6131.	1.7	142
60	Dissociable Roles of Cerebral μ-Opioid and Type 2 Dopamine Receptors in Vicarious Pain: A Combined PET–fMRI Study. Cerebral Cortex, 2017, 27, 4257-4266.	1.6	51
61	Neural mechanisms for integrating consecutive and interleaved natural events. Human Brain Mapping, 2017, 38, 3360-3376.	1.9	21
62	Single dose of mirtazapine modulates whole-brain functional connectivity during emotional narrative processing. Psychiatry Research - Neuroimaging, 2017, 263, 61-69.	0.9	7
63	Distributed neural signatures of natural audiovisual speech and music in the human auditory cortex. NeuroImage, 2017, 157, 108-117.	2.1	7
64	Feeding Releases Endogenous Opioids in Humans. Journal of Neuroscience, 2017, 37, 8284-8291.	1.7	64
65	Eye Contact Judgment Is Influenced by Perceivers' Social Anxiety But Not by Their Affective State. Frontiers in Psychology, 2017, 8, 373.	1.1	5
66	Brain-to-brain hyperclassification reveals action-specific motor mapping of observed actions in humans. PLoS ONE, 2017, 12, e0189508.	1.1	12
67	Cortical Circuit for Binding Object Identity and Location During Multiple-Object Tracking. Cerebral Cortex, 2017, 27, 162-172.	1.6	21
68	Bodily maps of emotions across child development. Developmental Science, 2016, 19, 1111-1118.	1.3	46
69	Behavioural activation system sensitivity is associated with cerebral μ-opioid receptor availability. Social Cognitive and Affective Neuroscience, 2016, 11, 1310-1316.	1.5	69
70	Attending to and neglecting people: bridging neuroscience, psychology and sociology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150365.	1.8	21
71	Topography of Human Erogenous Zones. Archives of Sexual Behavior, 2016, 45, 1207-1216.	1.2	26
72	Data-driven approaches in the investigation of social perception. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150367.	1.8	67

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73	Bariatric Surgery Induces White and Grey Matter Density Recovery in the Morbidly Obese: A Voxelâ€Based Morphometric Study. Human Brain Mapping, 2016, 37, 3745-3756.	1.9	77
74	Reorganization of functionally connected brain subnetworks in highâ€functioning autism. Human Brain Mapping, 2016, 37, 1066-1079.	1.9	110
75	Social touch modulates endogenous μ-opioid system activity in humans. Neurolmage, 2016, 138, 242-247.	2.1	143
76	A single dose of mirtazapine attenuates neural responses to self-referential processing. Journal of Psychopharmacology, 2016, 30, 23-32.	2.0	13
77	Discrete Neural Signatures of Basic Emotions. Cerebral Cortex, 2016, 26, 2563-2573.	1.6	303
78	Perceptual and affective mechanisms in facial expression recognition: An integrative review. Cognition and Emotion, 2016, 30, 1081-1106.	1.2	182
79	Hedonic context modulates risky choices and reward responses in amygdala and dorsal striatum Journal of Neuroscience, Psychology, and Economics, 2015, 8, 100-115.	0.4	16
80	Patients with complex regional pain syndrome overestimate applied force in observed hand actions. European Journal of Pain, 2015, 19, 1372-1381.	1.4	7
81	Affective Responses to Repeated Sessions of High-Intensity Interval Training. Medicine and Science in Sports and Exercise, 2015, 47, 2604-2611.	0.2	74
82	Adult attachment style is associated with cerebral μâ€opioid receptor availability in humans. Human Brain Mapping, 2015, 36, 3621-3628.	1.9	119
83	Neural Circuits for Cognitive Appetite Control in Healthy and Obese Individuals: An fMRI Study. PLoS ONE, 2015, 10, e0116640.	1.1	74
84	Obesity Is Associated with Decreased μ-Opioid But Unaltered Dopamine D ₂ Receptor Availability in the Brain. Journal of Neuroscience, 2015, 35, 3959-3965.	1.7	178
85	Affective processing requires awareness Journal of Experimental Psychology: General, 2015, 144, 339-365.	1.5	64
86	Facilitated early cortical processing of nude human bodies. Biological Psychology, 2015, 109, 103-110.	1.1	25
87	Dissociation between recognition and detection advantage for facial expressions: A meta-analysis Emotion, 2015, 15, 243-256.	1.5	89
88	Topography of social touching depends on emotional bonds between humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13811-13816.	3.3	252
89	Aberrant mesolimbic dopamine–opiate interaction in obesity. NeuroImage, 2015, 122, 80-86.	2.1	61
90	Cortical circuit for tracking dynamic object locations and identities. Journal of Vision, 2015, 15, 224.	0.1	0

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91	Mental Action Simulation Synchronizes Action–Observation Circuits across Individuals. Journal of Neuroscience, 2014, 34, 748-757.	1.7	48
92	Fronto-parietal network supports context-dependent speech comprehension. Neuropsychologia, 2014, 63, 293-303.	0.7	31
93	Recognition of Facial Expressions of Emotion is Related to their Frequency in Everyday Life. Journal of Nonverbal Behavior, 2014, 38, 549-567.	0.6	58
94	Mapping neurotransmitter networks with PET: An example on serotonin and opioid systems. Human Brain Mapping, 2014, 35, 1875-1884.	1.9	45
95	Facial expression recognition in peripheral versus central vision: role of the eyes and the mouth. Psychological Research, 2014, 78, 180-195.	1.0	102
96	Bodily maps of emotions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 646-651.	3.3	586
97	Brown Adipose Tissue Function is Accompanied by Cerebral Activation in Lean But Not in Obese Humans. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1018-1023.	2.4	20
98	Synchronous brain activity across individuals underlies shared psychological perspectives. NeuroImage, 2014, 100, 316-324.	2.1	132
99	Additive effects of affective arousal and top-down attention on the event-related brain responses to human bodies. Biological Psychology, 2014, 103, 167-175.	1.1	24
100	Emotional speech synchronizes brains across listeners and engages large-scale dynamic brain networks. Neurolmage, 2014, 102, 498-509.	2.1	119
101	The brains of high functioning autistic individuals do not synchronize with those of others. NeuroImage: Clinical, 2013, 3, 489-497.	1.4	112
102	Synchrony of brains and bodies during implicit interpersonal interaction. Trends in Cognitive Sciences, 2013, 17, 105-106.	4.0	82
103	A smile biases the recognition of eye expressions: Configural projection from a salient mouth. Quarterly Journal of Experimental Psychology, 2013, 66, 1159-1181.	0.6	22
104	The Opponent Matters: Elevated fMRI Reward Responses to Winning Against a Human Versus a Computer Opponent During Interactive Video Game Playing. Cerebral Cortex, 2013, 23, 2829-2839.	1.6	84
105	Weight Loss After Bariatric Surgery Reverses Insulin-Induced Increases in Brain Glucose Metabolism of the Morbidly Obese. Diabetes, 2013, 62, 2747-2751.	0.3	53
106	Obesity is associated with white matter atrophy: A combined diffusion tensor imaging and voxelâ€based morphometric study. Obesity, 2013, 21, 2530-2537.	1.5	108
107	Just watching the game ain't enough: striatal fMRI reward responses to successes and failures in a video game during active and vicarious playing. Frontiers in Human Neuroscience, 2013, 7, 278.	1.0	55
108	Gender and Visibility of Sexual Cues Influence Eye Movements While Viewing Faces and Bodies. Archives of Sexual Behavior, 2012, 41, 1439-1451.	1.2	90

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109	Bilateral alterations in somatosensory cortical processing in hemiplegic cerebral palsy. Developmental Medicine and Child Neurology, 2012, 54, 361-367.	1.1	33
110	Emotions promote social interaction by synchronizing brain activity across individuals. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9599-9604.	3.3	408
111	Effect of afferent input on motor cortex excitability during stroke recovery. Clinical Neurophysiology, 2012, 123, 2429-2436.	0.7	58
112	Perceptual, categorical, and affective processing of ambiguous smiling facial expressions. Cognition, 2012, 125, 373-393.	1.1	55
113	Autism spectrum traits predict the neural response to eye gaze in typical individuals. NeuroImage, 2012, 59, 3356-3363.	2.1	59
114	Dorsal Striatum and Its Limbic Connectivity Mediate Abnormal Anticipatory Reward Processing in Obesity. PLoS ONE, 2012, 7, e31089.	1.1	182
115	Naturalistic fMRI Mapping Reveals Superior Temporal Sulcus as the Hub for the Distributed Brain Network for Social Perception. Frontiers in Human Neuroscience, 2012, 6, 233.	1.0	306
116	The Naked Truth: The Face and Body Sensitive N170 Response Is Enhanced for Nude Bodies. PLoS ONE, 2011, 6, e24408.	1.1	57
117	Food Catches the Eye but Not for Everyone: A BMI–Contingent Attentional Bias in Rapid Detection of Nutriments. PLoS ONE, 2011, 6, e19215.	1.1	78
118	Time course of discrimination between emotional facial expressions: The role of visual saliency. Vision Research, 2011, 51, 1751-1759.	0.7	57
119	Autism Spectrum Traits in the Typical Population Predict Structure and Function in the Posterior Superior Temporal Sulcus. Cerebral Cortex, 2011, 21, 493-500.	1.6	99
120	Effects of Insulin on Brain Glucose Metabolism in Impaired Glucose Tolerance. Diabetes, 2011, 60, 443-447.	0.3	94
121	Primacy of emotional vs. semantic scene recognition in peripheral vision. Cognition and Emotion, 2011, 25, 1358-1375.	1.2	5
122	The Existence of a Hypnotic State Revealed by Eye Movements. PLoS ONE, 2011, 6, e26374.	1.1	14
123	Semantic categorization precedes affective evaluation of visual scenes Journal of Experimental Psychology: General, 2010, 139, 222-246.	1.5	47
124	Differential activation of frontoparietal attention networks by social and symbolic spatial cues. Social Cognitive and Affective Neuroscience, 2010, 5, 432-440.	1.5	48
125	Connectivity Analysis Reveals a Cortical Network for Eye Gaze Perception. Cerebral Cortex, 2010, 20, 1780-1787.	1.6	71
126	Recognition advantage of happy faces in extrafoveal vision: Featural and affective processing. Visual Cognition, 2010, 18, 1274-1297.	0.9	55

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127	Enhanced Processing of Emotional Gist in Peripheral Vision. Spanish Journal of Psychology, 2009, 12, 414-423.	1.1	9
128	Lateralised covert attention in word identification. Laterality, 2009, 14, 178-195.	0.5	5
129	Eye-movement assessment of the time course in facial expression recognition: Neurophysiological implications. Cognitive, Affective and Behavioral Neuroscience, 2009, 9, 398-411.	1.0	70
130	Neural mechanisms of social attention. Trends in Cognitive Sciences, 2009, 13, 135-143.	4.0	346
131	I'll Walk This Way: Eyes Reveal the Direction of Locomotion and Make Passersby Look and Go the Other Way. Psychological Science, 2009, 20, 1454-1458.	1.8	67
132	Emotional scene content drives the saccade generation system reflexively Journal of Experimental Psychology: Human Perception and Performance, 2009, 35, 305-323.	0.7	80
133	How attentional systems process conflicting cues. The superiority of social over symbolic orienting revisited Journal of Experimental Psychology: Human Perception and Performance, 2009, 35, 1738-1754.	0.7	21
134	University students' emotions, interest and activities in a web-based learning environment. British Journal of Educational Psychology, 2008, 78, 163-178.	1.6	36
135	Automatic Activation of Adolescents' Peerâ€Relational Schemas: Evidence From Priming With Facial Identity. Child Development, 2008, 79, 1659-1675.	1.7	25
136	Visuospatial attention shifts by gaze and arrow cues: An ERP study. Brain Research, 2008, 1215, 123-136.	1.1	90
137	Is emotional contagion special? An fMRI study on neural systems for affective and cognitive empathy. NeuroImage, 2008, 43, 571-580.	2.1	294
138	Detection of emotional faces: Salient physical features guide effective visual search Journal of Experimental Psychology: General, 2008, 137, 471-494.	1.5	336
139	Emotional scenes in peripheral vision: Selective orienting and gist processing, but not content identification Emotion, 2008, 8, 68-80.	1.5	56
140	Visual Search of Emotional Faces. Experimental Psychology, 2008, 55, 359-370.	0.3	44
141	Processing of unattended emotional visual scenes Journal of Experimental Psychology: General, 2007, 136, 347-369.	1.5	78
142	Short Article: Emotional and Neutral Scenes in Competition: Orienting, Efficiency, and Identification. Quarterly Journal of Experimental Psychology, 2007, 60, 1585-1593.	0.6	38
143	Face Cells: Separate Processing of Expression and Gaze in the Amygdala. Current Biology, 2007, 17, R371-R372.	1.8	7
144	Eye movement assessment of selective attentional capture by emotional pictures Emotion, 2006, 6, 257-268.	1.5	345

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145	Automatic attention orienting by social and symbolic cues activates different neural networks: An fMRI study. NeuroImage, 2006, 33, 406-413.	2.1	147
146	Gaze distractors influence saccadic curvature: Evidence for the role of the oculomotor system in gaze-cued orienting. Vision Research, 2006, 46, 3674-3680.	0.7	35
147	How undergraduate students meet a new learning environment?. Computers in Human Behavior, 2004, 20, 763-777.	5.1	31
148	Experienced emotions, emotion regulation and student activity in a web-based learning environment. European Journal of Psychology of Education, 2004, 19, 423-436.	1.3	39
149	Inducing affective states with success-failure manipulations: A meta-analysis Emotion, 2004, 4, 207-214.	1.5	124