

Rene Hurlemann

List of Publications by Citations

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181
papers

8,490
citations

49
h-index

88
g-index

217
ext. papers

10,023
ext. citations

5.1
avg. IF

6.11
L-index

#	Paper	IF	Citations
181	Oxytocin enhances amygdala-dependent, socially reinforced learning and emotional empathy in humans. <i>Journal of Neuroscience</i> , 2010 , 30, 4999-5007	6.6	590
180	Nucleus accumbens deep brain stimulation decreases ratings of depression and anxiety in treatment-resistant depression. <i>Biological Psychiatry</i> , 2010 , 67, 110-6	7.9	582
179	Elevated cerebrospinal fluid and blood concentrations of oxytocin following its intranasal administration in humans. <i>Scientific Reports</i> , 2013 , 3, 3440	4.9	324
178	Oxytocin enhances brain reward system responses in men viewing the face of their female partner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 20308-13	11.5	255
177	Oxytocin facilitates protective responses to aversive social stimuli in males. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 18144-9	11.5	228
176	An emotion-induced retrograde amnesia in humans is amygdala- and beta-adrenergic-dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 13626-31	11.5	227
175	Prosocial effects of oxytocin and clinical evidence for its therapeutic potential. <i>Frontiers in Neuroendocrinology</i> , 2011 , 32, 426-50	8.9	214
174	Fear and panic in humans with bilateral amygdala damage. <i>Nature Neuroscience</i> , 2013 , 16, 270-2	25.5	213
173	Oxytocin modulates social distance between males and females. <i>Journal of Neuroscience</i> , 2012 , 32, 16074-9	11.5	212
172	An oxytocin-induced facilitation of neural and emotional responses to social touch correlates inversely with autism traits. <i>Neuropsychopharmacology</i> , 2014 , 39, 2078-85	8.7	184
171	Oxytocin facilitates the extinction of conditioned fear in humans. <i>Biological Psychiatry</i> , 2015 , 78, 194-202	7.9	165
170	Ambiguous-cue interpretation is biased under stress- and depression-like states in rats. <i>Neuropsychopharmacology</i> , 2010 , 35, 1008-15	8.7	158
169	Noradrenergic modulation of emotion-induced forgetting and remembering. <i>Journal of Neuroscience</i> , 2005 , 25, 6343-9	6.6	141
168	Dissecting the Role of Oxytocin in the Formation and Loss of Social Relationships. <i>Biological Psychiatry</i> , 2016 , 79, 185-93	7.9	131
167	Noradrenergic enhancement of amygdala responses to fear. <i>Social Cognitive and Affective Neuroscience</i> , 2009 , 4, 119-26	4	129
166	Kinetics and Dose Dependency of Intranasal Oxytocin Effects on Amygdala Reactivity. <i>Biological Psychiatry</i> , 2017 , 82, 885-894	7.9	127
165	Oxytocin receptor gene methylation: converging multilevel evidence for a role in social anxiety. <i>Neuropsychopharmacology</i> , 2015 , 40, 1528-38	8.7	118

164	Hormonal contraceptives suppress oxytocin-induced brain reward responses to the partner's face. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 767-74	4	109
163	Human amygdala reactivity is diminished by the β -adrenergic antagonist propranolol. <i>Psychological Medicine</i> , 2010 , 40, 1839-48	6.9	109
162	Integrative approaches utilizing oxytocin to enhance prosocial behavior: from animal and human social behavior to autistic social dysfunction. <i>Journal of Neuroscience</i> , 2012 , 32, 14109-17	6.6	107
161	Oxytocin, the peptide that bonds the sexes also divides them. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7650-4	11.5	106
160	Selective processing of social stimuli in the superficial amygdala. <i>Human Brain Mapping</i> , 2009 , 30, 3332-8	5.9	104
159	Deep brain stimulation of the human reward system for major depression--rationale, outcomes and outlook. <i>Neuropsychopharmacology</i> , 2014 , 39, 1303-14	8.7	102
158	Fear processing and social networking in the absence of a functional amygdala. <i>Biological Psychiatry</i> , 2012 , 72, 70-7	7.9	97
157	Modeling a negative response bias in the human amygdala by noradrenergic-glucocorticoid interactions. <i>Journal of Neuroscience</i> , 2008 , 28, 12868-76	6.6	97
156	Comparative efficacy and acceptability of non-surgical brain stimulation for the acute treatment of major depressive episodes in adults: systematic review and network meta-analysis. <i>BMJ, The</i> , 2019 , 364, l1079	5.9	93
155	The Neuropeptide Oxytocin Induces a Social Altruism Bias. <i>Journal of Neuroscience</i> , 2015 , 35, 15696-701	6.6	85
154	Oxytocin facilitates the sensation of social stress. <i>Human Brain Mapping</i> , 2014 , 35, 4741-50	5.9	79
153	Neuropsychological safety of nucleus accumbens deep brain stimulation for major depression: effects of 12-month stimulation. <i>World Journal of Biological Psychiatry</i> , 2011 , 12, 516-27	3.8	79
152	Amygdala control of emotion-induced forgetting and remembering: evidence from Urbach-Wiethe disease. <i>Neuropsychologia</i> , 2007 , 45, 877-84	3.2	78
151	Opposing effects of oxytocin on moral judgment in males and females. <i>Human Brain Mapping</i> , 2014 , 35, 6067-76	5.9	77
150	Abnormalities of grey and white matter [^{11}C]flumazenil binding in temporal lobe epilepsy with normal MRI. <i>Brain</i> , 2002 , 125, 2257-71	11.2	77
149	Oxytocin enhances attractiveness of unfamiliar female faces independent of the dopamine reward system. <i>Psychoneuroendocrinology</i> , 2014 , 39, 74-87	5	76
148	Oxytocin Facilitates Pavlovian Fear Learning in Males. <i>Neuropsychopharmacology</i> , 2016 , 41, 932-9	8.7	72
147	The N-methyl-D-aspartate receptor co-agonist D-cycloserine facilitates declarative learning and hippocampal activity in humans. <i>Biological Psychiatry</i> , 2010 , 67, 1205-11	7.9	72

146	Oxytocin facilitates social approach behavior in women. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 191	3.5	71
145	5-HT2A receptor density is decreased in the at-risk mental state. <i>Psychopharmacology</i> , 2008 , 195, 579-90	4.7	71
144	Oxytocin selectively facilitates learning with social feedback and increases activity and functional connectivity in emotional memory and reward processing regions. <i>Human Brain Mapping</i> , 2015 , 36, 2132-48	5.8	70
143	Grey and white matter flumazenil binding in neocortical epilepsy with normal MRI. A PET study of 44 patients. <i>Brain</i> , 2003 , 126, 1300-18	11.2	70
142	The human amygdala parametrically encodes the intensity of specific facial emotions and their categorical ambiguity. <i>Nature Communications</i> , 2017 , 8, 14821	17.4	67
141	Interrelated neuropsychological and anatomical evidence of hippocampal pathology in the at-risk mental state. <i>Psychological Medicine</i> , 2008 , 38, 843-51	6.9	65
140	Segregating intra-amygdalar responses to dynamic facial emotion with cytoarchitectonic maximum probability maps. <i>Journal of Neuroscience Methods</i> , 2008 , 172, 13-20	3	60
139	Dissociating intentional learning from relative novelty responses in the medial temporal lobe. <i>NeuroImage</i> , 2005 , 25, 51-62	7.9	59
138	Magnetic seizure therapy in treatment-resistant depression: clinical, neuropsychological and metabolic effects. <i>Psychological Medicine</i> , 2015 , 45, 1073-92	6.9	55
137	The influence of oxytocin on volitional and emotional ambivalence. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 987-93	4	55
136	Rationale and baseline characteristics of PREVENT: a second-generation intervention trial in subjects at-risk (prodromal) of developing first-episode psychosis evaluating cognitive behavior therapy, aripiprazole, and placebo for the prevention of psychosis. <i>Schizophrenia Bulletin</i> , 2011 , 37 Suppl 2, S111-21	1.3	55
135	Superolateral medial forebrain bundle deep brain stimulation in major depression: a gateway trial. <i>Neuropsychopharmacology</i> , 2019 , 44, 1224-1232	8.7	53
134	Automatic relevance detection in the absence of a functional amygdala. <i>Neuropsychologia</i> , 2011 , 49, 1302-1305	3.2	51
133	A human tendency to anthropomorphize is enhanced by oxytocin. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1817-23	1.2	50
132	Oxytocin differentially alters resting state functional connectivity between amygdala subregions and emotional control networks: Inverse correlation with depressive traits. <i>NeuroImage</i> , 2017 , 149, 458-467	7.9	48
131	Emotion regulation deficits in regular marijuana users. <i>Human Brain Mapping</i> , 2017 , 38, 4270-4279	5.9	47
130	Noradrenergic-glucocorticoid modulation of emotional memory encoding in the human hippocampus. <i>Psychological Medicine</i> , 2011 , 41, 2167-76	6.9	45
129	Modulating amygdala responses to emotion: evidence from pharmacological fMRI. <i>Neuropsychologia</i> , 2011 , 49, 706-17	3.2	45

128	A Fear Memory Engram and Its Plasticity in the Hypothalamic Oxytocin System. <i>Neuron</i> , 2019 , 103, 133-146	4.8	44
127	Oxytocin Enhancement of Emotional Empathy: Generalization Across Cultures and Effects on Amygdala Activity. <i>Frontiers in Neuroscience</i> , 2018 , 12, 512	5.1	44
126	Genetic variation in dopaminergic activity is associated with the risk for psychiatric side effects of levetiracetam. <i>Epilepsia</i> , 2013 , 54, 36-44	6.4	43
125	Emotion-induced retrograde amnesia varies as a function of noradrenergic-glucocorticoid activity. <i>Psychopharmacology</i> , 2007 , 194, 261-9	4.7	43
124	Alzheimer's disease-associated (hydroxy)methylomic changes in the brain and blood. <i>Clinical Epigenetics</i> , 2019 , 11, 164	7.7	41
123	Smaller amygdala and medial prefrontal cortex predict escalating stimulant use. <i>Brain</i> , 2015 , 138, 2074-86	6.2	40
122	Motion artifact reduction on parametric PET images of neuroreceptor binding. <i>Journal of Nuclear Medicine</i> , 2005 , 46, 1059-65	8.9	40
121	How the brain codes intimacy: The neurobiological substrates of romantic touch. <i>Human Brain Mapping</i> , 2017 , 38, 4525-4534	5.9	39
120	Oxytocin enhances cognitive control of food craving in women. <i>Human Brain Mapping</i> , 2016 , 37, 4276-4285	5.9	39
119	Noradrenergic-glucocorticoid mechanisms in emotion-induced amnesia: from adaptation to disease. <i>Psychopharmacology</i> , 2008 , 197, 13-23	4.7	38
118	Aberrant NMDA receptor DNA methylation detected by epigenome-wide analysis of hippocampus and prefrontal cortex in major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015 , 265, 331-41	5.1	37
117	Impaired threat prioritisation after selective bilateral amygdala lesions. <i>Cortex</i> , 2015 , 63, 206-13	3.8	37
116	A negative emotional and economic judgment bias in major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013 , 263, 675-83	5.1	36
115	Panic Anxiety in Humans with Bilateral Amygdala Lesions: Pharmacological Induction via Cardiorespiratory Interoceptive Pathways. <i>Journal of Neuroscience</i> , 2016 , 36, 3559-66	6.6	35
114	Decreased prefrontal 5-HT _{2A} receptor binding in subjects at enhanced risk for schizophrenia. <i>Anatomy and Embryology</i> , 2005 , 210, 519-23		35
113	Shifted balance of dorsal versus ventral striatal communication with frontal reward and regulatory regions in cannabis-dependent males. <i>Human Brain Mapping</i> , 2018 , 39, 5062-5073	5.9	35
112	Amygdala Lesions Reduce Anxiety-like Behavior in a Human Benzodiazepine-Sensitive Approach-Avoidance Conflict Test. <i>Biological Psychiatry</i> , 2017 , 82, 522-531	7.9	34
111	Oxytocin facilitates reciprocity in social communication. <i>Social Cognitive and Affective Neuroscience</i> , 2017 , 12, 1325-1333	4	33

110	Autism spectrum disorder, but not amygdala lesions, impairs social attention in visual search. <i>Neuropsychologia</i> , 2014 , 63, 259-74	3.2	31
109	Magnetoencephalography (MEG) determined temporal modulation of visual and auditory sensory processing in the context of classical conditioning to faces. <i>NeuroImage</i> , 2006 , 32, 778-89	7.9	31
108	Framing effect following bilateral amygdala lesion. <i>Neuropsychologia</i> , 2010 , 48, 1823-7	3.2	29
107	Comparable seizure characteristics in magnetic seizure therapy and electroconvulsive therapy for major depression. <i>European Neuropsychopharmacology</i> , 2013 , 23, 1541-50	1.2	28
106	Oxytocin-enforced norm compliance reduces xenophobic outgroup rejection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 9314-9319	11.5	28
105	Cue Reactivity in the Ventral Striatum Characterizes Heavy Cannabis Use, Whereas Reactivity in the Dorsal Striatum Mediates Dependent Use. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 751-762	3.4	27
104	The Effect of Oxytocin on Third-Party Altruistic Decisions in Unfair Situations: An fMRI Study. <i>Scientific Reports</i> , 2016 , 6, 20236	4.9	27
103	Facilitation of learning by social-emotional feedback in humans is beta-noradrenergic-dependent. <i>Neuropsychologia</i> , 2010 , 48, 3168-72	3.2	27
102	Kinetics of oxytocin effects on amygdala and striatal reactivity vary between women and men. <i>Neuropsychopharmacology</i> , 2020 , 45, 1134-1140	8.7	27
101	Effects of electroconvulsive therapy and magnetic seizure therapy on acute memory retrieval. <i>Journal of ECT</i> , 2015 , 31, 13-9	2	26
100	Oxytocin enhances the pain-relieving effects of social support in romantic couples. <i>Human Brain Mapping</i> , 2019 , 40, 242-251	5.9	25
99	Altered amygdala function in nicotine addiction: insights from human neuroimaging studies. <i>Neuropsychologia</i> , 2012 , 50, 1719-29	3.2	24
98	Reduced 5-HT(2A) receptor signaling following selective bilateral amygdala damage. <i>Social Cognitive and Affective Neuroscience</i> , 2009 , 4, 79-84	4	24
97	Altered orbitofrontal activity and dorsal striatal connectivity during emotion processing in dependent marijuana users after 28 days of abstinence. <i>Psychopharmacology</i> , 2018 , 235, 849-859	4.7	23
96	A Precision Medicine Approach to Oxytocin Trials. <i>Current Topics in Behavioral Neurosciences</i> , 2018 , 35, 559-590	3.4	22
95	Amygdala lesion profoundly alters altruistic punishment. <i>Biological Psychiatry</i> , 2012 , 72, e5-7	7.9	22
94	A matter of distance-The effect of oxytocin on social discounting is empathy-dependent. <i>Psychoneuroendocrinology</i> , 2017 , 78, 229-232	5	19
93	Amygdala lesions do not compromise the cortical network for false-belief reasoning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4827-32	11.5	19

92	Enhanced emotion-induced amnesia in borderline personality disorder. <i>Psychological Medicine</i> , 2007 , 37, 971-81	6.9	18
91	Association of Childhood Maltreatment With Interpersonal Distance and Social Touch Preferences in Adulthood. <i>American Journal of Psychiatry</i> , 2020 , 177, 37-46	11.9	18
90	Disentangling Hippocampal and Amygdala Contribution to Human Anxiety-Like Behavior. <i>Journal of Neuroscience</i> , 2019 , 39, 8517-8526	6.6	17
89	Effect of specific psychotherapy for chronic depression on neural responses to emotional faces. <i>Journal of Affective Disorders</i> , 2014 , 166, 93-7	6.6	17
88	Deciphering the neural signature of conversion blindness. <i>American Journal of Psychiatry</i> , 2013 , 170, 121-2	11.9	17
87	Acute S-ketamine application does not alter cerebral [18F]altanserin binding: a pilot PET study in humans. <i>Journal of Neural Transmission</i> , 2007 , 114, 1433-42	4.3	17
86	From genes to psychoses and back: the role of the 5HT2alpha-receptor and prepulse inhibition in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008 , 258 Suppl 5, 40-3	5.1	17
85	Preferential attention to animals and people is independent of the amygdala. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 371-80	4	16
84	Unimpaired discrimination of fearful prosody after amygdala lesion. <i>Neuropsychologia</i> , 2013 , 51, 2070-4	3.2	16
83	A Review of Spinal and Peripheral Neuromodulation and Neuroinflammation: Lessons Learned Thus Far and Future Prospects of Biotype Development. <i>Neuromodulation</i> , 2019 , 22, 235-243	3.1	16
82	Inter-ictal assay of peripheral circulating inflammatory mediators in migraine patients under adjunctive cervical non-invasive vagus nerve stimulation (nVNS): A proof-of-concept study. <i>Brain Stimulation</i> , 2019 , 12, 643-651	5.1	15
81	Mirroring fear in the absence of a functional amygdala. <i>Biological Psychiatry</i> , 2013 , 73, e9-11	7.9	15
80	Selective L4 Dorsal Root Ganglion Stimulation Evokes Pain Relief and Changes of Inflammatory Markers: Part I Profiling of Saliva and Serum Molecular Patterns. <i>Neuromodulation</i> , 2019 , 22, 44-52	3.1	15
79	Oxytocin-Augmented Psychotherapy: Beware of Context. <i>Neuropsychopharmacology</i> , 2017 , 42, 377	8.7	14
78	Social cognition. <i>Handbook of Experimental Pharmacology</i> , 2015 , 228, 271-303	3.2	14
77	Oxytocin and Interpersonal Relationships. <i>Current Topics in Behavioral Neurosciences</i> , 2018 , 35, 389-420	3.4	13
76	Intact hippocampal gray matter in schizophrenia as revealed by automatized image analysis postmortem. <i>Anatomy and Embryology</i> , 2005 , 210, 513-7		13
75	Oxytocin reduces a chemosensory-induced stress bias in social perception. <i>Neuropsychopharmacology</i> , 2019 , 44, 281-288	8.7	13

74	Spotlight on cervical vagus nerve stimulation for the treatment of primary headache disorders: a review. <i>Journal of Pain Research</i> , 2018 , 11, 1613-1625	2.9	13
73	Emotional Dysregulation in Psychogenic Voice Loss. <i>Psychotherapy and Psychosomatics</i> , 2017 , 86, 121-123	3.4	12
72	Deciphering the modulatory role of oxytocin in human altruism. <i>Reviews in the Neurosciences</i> , 2017 , 28, 335-342	4.7	12
71	An Enhanced Default Approach Bias Following Amygdala Lesions in Humans. <i>Psychological Science</i> , 2015 , 26, 1543-55	7.9	12
70	Common and dissociable effects of oxytocin and lorazepam on the neurocircuitry of fear. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11781-11787	11.5	12
69	Oxytocin for learning calm and safety. <i>International Journal of Psychophysiology</i> , 2019 , 136, 5-14	2.9	12
68	Inferior frontal gyrus preserves working memory and emotional learning under conditions of impaired noradrenergic signaling. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 197	3.5	12
67	Nigrostriatal upregulation of 5-HT _{2A} receptors correlates with motor dysfunction in progressive supranuclear palsy. <i>Movement Disorders</i> , 2009 , 24, 1170-5	7	12
66	General and emotion-specific neural effects of ketamine during emotional memory formation. <i>NeuroImage</i> , 2017 , 150, 308-317	7.9	10
65	Altered striatal reward processing in abstinent dependent cannabis users: Social context matters. <i>European Neuropsychopharmacology</i> , 2019 , 29, 356-364	1.2	10
64	Imaging neuropeptide effects on human brain function. <i>Cell and Tissue Research</i> , 2019 , 375, 279-286	4.2	10
63	Modeling the development of panic disorder with interoceptive conditioning. <i>European Neuropsychopharmacology</i> , 2017 , 27, 59-69	1.2	10
62	Noradrenergic control of emotion-induced amnesia and hypermnesia. <i>Reviews in the Neurosciences</i> , 2006 , 17, 525-32	4.7	10
61	Oxytocin and the Neurobiology of Prosocial Behavior. <i>Neuroscientist</i> , 2021 , 27, 604-619	7.6	10
60	Unilateral L4-dorsal root ganglion stimulation evokes pain relief in chronic neuropathic postsurgical knee pain and changes of inflammatory markers: part II whole transcriptome profiling. <i>Journal of Translational Medicine</i> , 2019 , 17, 205	8.5	9
59	Diminished appetitive startle modulation following targeted inhibition of prefrontal cortex. <i>Scientific Reports</i> , 2015 , 5, 8954	4.9	9
58	Analysis of neuroreceptor PET-data based on cytoarchitectonic maximum probability maps: a feasibility study. <i>Anatomy and Embryology</i> , 2005 , 210, 447-53		9
57	Multimodal prevention of first psychotic episode through N-acetyl-l-cysteine and integrated preventive psychological intervention in individuals clinically at high risk for psychosis: Protocol of a randomized, placebo-controlled, parallel-group trial. <i>Microbial Biotechnology</i> , 2019 , 13, 1404-1415	3.3	8

56	Nicotinic acetylcholine receptors contribute to learning-induced metaplasticity in the hippocampus. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 986-97	3.1	8
55	The neuropeptide oxytocin modulates consumer brand relationships. <i>Scientific Reports</i> , 2015 , 5, 14960	4.9	8
54	Loneliness and the Social Brain: How Perceived Social Isolation Impairs Human Interactions. <i>Advanced Science</i> , 2021 , 8, e2102076	13.6	8
53	Oxytocin and Schizophrenia Spectrum Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2018 , 35, 515-527	3.4	7
52	DNA methylation of DLG4 and GJA-1 of human hippocampus and prefrontal cortex in major depression is unchanged in comparison to healthy individuals. <i>Journal of Clinical Neuroscience</i> , 2017 , 43, 261-263	2.2	7
51	A human subcortical network underlying social avoidance revealed by risky economic choices. <i>ELife</i> , 2019 , 8,	8.9	7
50	Increased Temporal Discounting in Social Anxiety Disorder Normalizes after Oxytocin Treatment. <i>Psychotherapy and Psychosomatics</i> , 2019 , 88, 55-57	9.4	7
49	Saliva molecular inflammatory profiling in female migraine patients responsive to adjunctive cervical non-invasive vagus nerve stimulation: the MOXY Study. <i>Journal of Translational Medicine</i> , 2019 , 17, 53	8.5	6
48	Neural effects of methylphenidate and nicotine during smooth pursuit eye movements. <i>NeuroImage</i> , 2016 , 141, 52-59	7.9	6
47	Oxytocin drives prosocial biases in favor of attractive people. <i>Behavioral and Brain Sciences</i> , 2017 , 40, e30	0.9	5
46	Trauma Disclosure Moderates the Effects of Oxytocin on Intrusions and Neural Responses to Fear. <i>Psychotherapy and Psychosomatics</i> , 2019 , 88, 61-63	9.4	5
45	A Protective Mechanism against Illusory Perceptions Is Amygdala-Dependent. <i>Journal of Neuroscience</i> , 2019 , 39, 3301-3308	6.6	5
44	Differentiating anxiety from fear: an experimental-pharmacological approach. <i>Personality Neuroscience</i> , 2020 , 3, e6	1.5	5
43	Overnight deprivation from smoking disrupts amygdala responses to fear. <i>Human Brain Mapping</i> , 2012 , 33, 1407-16	5.9	5
42	Resting-state fMRI reveals increased functional connectivity in the cerebellum but decreased functional connectivity of the caudate nucleus in Parkinson's disease. <i>Neurological Research</i> , 2020 , 42, 62-67	2.7	5
41	Childhood Maltreatment Alters the Neural Processing of Chemosensory Stress Signals. <i>Frontiers in Psychiatry</i> , 2020 , 11, 783	5	5
40	Stochastic resonance therapy induces increased movement related caudate nucleus activity. <i>Journal of Rehabilitation Medicine</i> , 2016 , 48, 815-818	3.4	5
39	Limbic Neuropeptidergic Modulators of Emotion and Their Therapeutic Potential for Anxiety and Post-Traumatic Stress Disorder. <i>Journal of Neuroscience</i> , 2021 , 41, 901-910	6.6	5

38	Effects of ketamine on brain function during response inhibition. <i>Psychopharmacology</i> , 2018 , 235, 3559-3571	4.7	5
37	Leptin and Associated Mediators of Immunometabolic Signaling: Novel Molecular Outcome Measures for Neurostimulation to Treat Chronic Pain. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
36	Incisionless MR-guided focused ultrasound: technical considerations and current therapeutic approaches in psychiatric disorders. <i>Expert Review of Neurotherapeutics</i> , 2020 , 20, 687-696	4.3	4
35	Insula reactivity mediates subjective isolation stress in alexithymia. <i>Scientific Reports</i> , 2021 , 11, 15326	4.9	4
34	Anthropomorphizing without Social Cues Requires the Basolateral Amygdala. <i>Journal of Cognitive Neuroscience</i> , 2019 , 31, 482-496	3.1	4
33	Molecular and neurocircuitry mechanisms of social avoidance. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 1163-1189	10.3	4
32	Opposing Association of Situational and Chronic Loneliness with Interpersonal Distance. <i>Brain Sciences</i> , 2021 , 11,	3.4	4
31	Impaired cognitive performance under psychosocial stress in cannabis-dependent men is associated with attenuated precuneus activity. <i>Journal of Psychiatry and Neuroscience</i> , 2020 , 45, 88-97	4.5	3
30	Effects of Rivastigmine on Patients with Spinocerebellar Ataxia Type 3: A Case Series of Five Patients. <i>Neurodegenerative Diseases</i> , 2020 , 20, 104-109	2.3	3
29	Loneliness and the social brain: how perceived social isolation impairs human interactions		3
28	Eye-Tracking Reveals a Role of Oxytocin in Attention Allocation Towards Familiar Faces. <i>Frontiers in Endocrinology</i> , 2021 , 12, 629760	5.7	2
27	Cognitive effects of non-surgical brain stimulation for major depressive disorder: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019 , 9, e023796	3	2
26	Treatment-Resistant Depression and Ketamine Response in a Patient With Bilateral Amygdala Damage. <i>American Journal of Psychiatry</i> , 2019 , 176, 982-986	11.9	2
25	Effects of lorazepam on prosaccades and saccadic adaptation. <i>Journal of Psychopharmacology</i> , 2021 , 35, 91-99	4.6	2
24	Sex differences in economic decision-making: Exogenous estradiol has opposing effects on fairness framing in women and men. <i>European Neuropsychopharmacology</i> , 2021 , 50, 46-54	1.2	2
23	Altered Reward Processing in Abstinent Dependent Cannabis Users: Social Context Matters		1
22	Oxytocin enhancement of emotional empathy: generalization across cultures and effects on amygdala activity		1
21	Unraveling the role of oxytocin in the motivational structure of conflict. <i>Behavioral and Brain Sciences</i> , 2019 , 42, e126	0.9	1

20	Interactions of noradrenaline and cortisol and the induction of indelible memories. <i>Behavioral and Brain Sciences</i> , 2016 , 39, e213	0.9	1
19	Effects of ketamine on brain function during metacognition of episodic memory. <i>Neuroscience of Consciousness</i> , 2021 , 2021, niaa028	3.3	1
18	Behavioral and neural dissociation of social anxiety and loneliness		1
17	Lonely in the Dark: Trauma Memory and Sex-Specific Dysregulation of Amygdala Reactivity to Fear Signals.. <i>Advanced Science</i> , 2022 , e2105336	13.6	1
16	Unraveling the Role of the Amygdala in Nicotine Addiction 2016 , 272-281		0
15	Individualized theta-burst stimulation modulates hippocampal activity and connectivity in patients with major depressive disorder. <i>Personalized Medicine in Psychiatry</i> , 2020 , 23-24, 100066	1.1	0
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