Jaak Panksepp

List of Publications by Year
in descending order

387 papers	33,496 citations	4345 89 h-index	5244 171 g-index
403 all docs	403 docs citations	403 times ranked	19344 citing authors

#	Article	IF	Citations
1	Personality Neuroscience: Why It Is of Importance to Consider Primary Emotional Systems!. , 2020, , 3830-3840.		3
2	Effects of early-life FGF2 on ultrasonic vocalizations (USVs) and the mu-opioid receptor in male Sprague-Dawley rats selectively-bred for differences in their response to novelty. Brain Research, 2019, 1715, 106-114.	1.1	9
3	Neuro-Evolutionary Foundations of Infant Minds: From Psychoanalytic Visions of How Primal Emotions Guide Constructions of Human Minds toward Affective Neuroscientific Understanding of Emotions and Their Disorders. Psychoanalytic Inquiry, 2019, 39, 36-51.	0.0	11
4	Drug-sensitive Reward in Crayfish: Exploring the Neural Basis of Addiction with Automated Learning Paradigms. Behavioural Processes, 2018, 152, 47-53.	0.5	12
5	High ANGER and low agreeableness predict vengefulness in German and Chinese participants. Personality and Individual Differences, 2018, 121, 184-192.	1.6	32
6	Rat 22-kHz Ultrasonic Vocalizations as a Measure of Emotional Set Point During Social Interactions. Handbook of Behavioral Neuroscience, 2018, , 261-265.	0.7	5
7	Tickling, a Technique for Inducing Positive Affect When Handling Rats. Journal of Visualized Experiments, 2018, , .	0.2	23
8	Individual differences in Affective Neuroscience Personality Scale (ANPS) primary emotional traits and depressive tendencies. Comprehensive Psychiatry, 2017, 73, 136-142.	1.5	63
9	Reconciling cognitive and affective neuroscience perspectives on the brain basis of emotional experience. Neuroscience and Biobehavioral Reviews, 2017, 76, 187-215.	2.9	98
10	Primary Emotional Systems and Personality: An Evolutionary Perspective. Frontiers in Psychology, 2017, 8, 464.	1.1	129
11	The Affective Core of the Self: A Neuro-Archetypical Perspective on the Foundations of Human (and) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	56
12	Personality Neuroscience: Why It Is of Importance to Consider Primary Emotional Systems!. , 2017, , 1-11.		6
13	Use of tramadol in psychiatric care: A comprehensive review and report of two cases. Swiss Medical Weekly, 2017, 147, w14428.	0.8	12
14	An Affective Neuroscience Framework for the Molecular Study of Internet Addiction. Frontiers in Psychology, 2016, 7, 1906.	1.1	74
15	Primary emotional traits in patients with personality disorders. Personality and Mental Health, 2016, 10, 261-273.	0.6	25
16	Primal emotional-affective expressive foundations of human facial expression. Motivation and Emotion, 2016, 40, 760-766.	0.8	32
17	The crossâ€mammalian neurophenomenology of primal emotional affects: From animal feelings to human therapeutics. Journal of Comparative Neurology, 2016, 524, 1624-1635.	0.9	42
18	The Psycho-Neurology of Cross-Species Affective/Social Neuroscience: Understanding Animal Affective States as a Guide to Development of Novel Psychiatric Treatments. Current Topics in Behavioral Neurosciences, 2016, 30, 109-125.	0.8	15

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19	Brain SEEKING Circuitry in Neuroeconomics: A Unifying Hypothesis for the Role of Dopamine-Energized Arousal of the Medial Forebrain Bundle in Enthusiasm-Guiding Decision-Making. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , 231-252.	0.1	5
20	Music chills: The eye pupil as a mirror to musicâ€™s soul. Consciousness and Cognition, 2016, 44, 161-178.	0.8	78
21	Etiological pathways toward autism and diversities of treatments: from unimodal to multidimensional approaches. Commentary on â€œAn integrative model of autism spectrum disorder: ASD as a neurobiological disorder of experienced environmental deprivation, early life stress, and allostatic overloadâ€• by William M. Singletary, M.D.. Neuropsychoanalysis, 2016, 18, 19-23.	0.1	2
22	Ultra-Low-Dose Buprenorphine as a Time-Limited Treatment for Severe Suicidal Ideation: A Randomized Controlled Trial. American Journal of Psychiatry, 2016, 173, 491-498.	4.0	233
23	Brain Emotion Systems, Personality, Hopelessness, Self/Other Perception, and Gambling Cognition: A Structural Equation Model. Journal of Gambling Studies, 2016, 32, 157-169.	1.1	11
24	The Role of Nature and Nurture for Individual Differences in Primary Emotional Systems: Evidence from a Twin Study. PLoS ONE, 2016, 11, e0151405.	1.1	26
25	Positive Emotional Learning Induces Resilience to Depression: A Role for NMDA Receptor-mediated Synaptic Plasticity. Current Neuropharmacology, 2016, 15, 3-10.	1.4	26
26	Top-down versus bottom-up perspectives on clinically significant memory reconsolidation. Behavioral and Brain Sciences, 2015, 38, e16.	0.4	0
27	Rewarding and punishing properties of deep brain stimulation: The most promising entry points for constitutive studies of affective experiences in other animals...with profound psychiatric implications for human consciousness and psychiatric therapeutics.. Psychology of Consciousness: Theory Research, and Practice, 2015, 2, 24-29.	0.3	2
28	Intranasal adminsitration of oxytocin in postnatal depression: implications for psychodynamic psychotherapy from a randomized double-blind pilot study. Frontiers in Psychology, 2015, 06, 426.	1.1	34
29	Improved memory for reward cues following acute buprenorphine administration in humans. Psychoneuroendocrinology, 2015, 53, 10-15.	1.3	25
30	Playful handling of laboratory rats is more beneficial when applied before than after routine injections. Applied Animal Behaviour Science, 2015, 164, 81-90.	0.8	15
31	Do brain lesions in stroke affect basic emotions and attachment?. Journal of Clinical and Experimental Neuropsychology, 2015, 37, 595-613.	0.8	17
32	Resting-State Functional Connectivity of Antero-Medial Prefrontal Cortex Sub-Regions in Major Depression and Relationship to Emotional Intelligence. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	23
33	Evolutionary aspects of self- and world consciousness in vertebrates. Frontiers in Human Neuroscience, 2015, 9, 157.	1.0	62
34	Toward the Constitution of Emotional Feelings: Synergistic Lessons From Izardâ€™s Differential Emotions Theory and Affective Neuroscience. Emotion Review, 2015, 7, 110-115.	2.1	11
35	The neuroevolutionary sources of mind. Advances in Consciousness Research, 2015, , 226-259.	0.2	4
36	Affective preclinical modeling of psychiatric disorders: taking imbalanced primal emotional feelings of animals seriously in our search for novel antidepressants. Dialogues in Clinical Neuroscience, 2015, 17, 363-379.	1.8	23

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37	The Emergence of Primary Anoetic Consciousness in Episodic Memory. Frontiers in Behavioral Neuroscience, 2014, 7, 210.	1.0	48
38	Preclinical Modeling of Primal Emotional Affects (SEEKING, PANIC and PLAY): Gateways to the Development of New Treatments for Depression. Psychopathology, 2014, 47, 383-393.	1.1	33
39	Will better psychiatric treatments emerge from top-down or bottom-up neuroscientific studies of affect?. World Psychiatry, 2014, 13, 141-142.	4.8	5
40	Integrating bottom-up internalist views of emotional feelings with top-down externalist views: Might brain affective changes constitute reward and punishment effects within animal brains?. Cortex, 2014, 59, 208-213.	1.1	7
41	Affective Neuroscience Strategies for Understanding and Treating Depression. Clinical Psychological Science, 2014, 2, 472-494.	2.4	68
42	The emotional fundamentals of personality and the higher affective polarities of mind. Physics of Life Reviews, 2014, 11, 691-692.	1.5	2
43	Crossing the brain-mind rubicon: How might we scientifically understand basic human emotions and core affective feelings of other animals?. Neuropsychoanalysis, 2014, 16, 39-44.	0.1	2
44	Rats selectively bred for low levels of play-induced 50kHz vocalizations as a model for Autism Spectrum Disorders: A role for NMDA receptors. Behavioural Brain Research, 2013, 251, 18-24.	1.2	40
45	Playful handling as social enrichment for individually- and group-housed laboratory rats. Applied Animal Behaviour Science, 2013, 143, 85-95.	0.8	18
46	Oxytocin sharpens self-other perceptual boundary. Psychoneuroendocrinology, 2013, 38, 2996-3002.	1.3	48
47	SEEKING and depression in stroke patients: An exploratory study. Journal of Clinical and Experimental Neuropsychology, 2013, 35, 348-358.	0.8	20
48	Reduced fear-recognition sensitivity following acute buprenorphine administration in healthy volunteers. Psychoneuroendocrinology, 2013, 38, 166-170.	1.3	45
49	Responses of guinea pigs to brain stimulation during isolation: Examining the transition from â€œprotestâ€•to depressive-like behavior. Neurology Psychiatry and Brain Research, 2013, 19, 67-75.	2.0	2
50	Imaging the structure of the human anxious brain: a review of findings from neuroscientific personality psychology. Reviews in the Neurosciences, 2013, 24, 167-90.	1.4	70
51	Toward a cross-species understanding of empathy. Trends in Neurosciences, 2013, 36, 489-496.	4.2	230
52	Toward an Understanding of the Constitution of Consciousness Through the Laws of Affect. Neuropsychoanalysis, 2013, 15, 62-65.	0.1	1
53	Top-Down Causation in the Brain: Promises for Cognitive Psychology and Challenges for Research. , 2013, , 201-234.		0
54	Differential ultrasonic indices of separation distress in the presence and absence of maternal cues in infant rats bred for high and low positive social affect. Acta Neuropsychiatrica, 2013, 25, 289-296.	1.0	3

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55	Cross-Species Neuroaffective Parsing of Primal Emotional Desires and Aversions in Mammals. Emotion Review, 2013, 5, 235-240.	2.1	53
56	Human Medial Forebrain Bundle (MFB) and Anterior Thalamic Radiation (ATR): Imaging of Two Major Subcortical Pathways and the Dynamic Balance of Opposite Affects in Understanding Depression. Journal of Neuropsychiatry and Clinical Neurosciences, 2012, 24, 223-236.	0.9	300
57	The vicissitudes of preclinical psychiatric research: justified abandonment by big pharma?. Future Neurology, 2012, 7, 113-115.	0.9	15
58	The â€œIdâ€•Knows More than the â€œEgoâ€•Admits: Neuropsychoanalytic and Primal Consciousness Perspectives on the Interface Between Affective and Cognitive Neuroscience. Brain Sciences, 2012, 2, 147-175.	1.1	218
59	Playful handling by caretakers reduces fear of humans in the laboratory rat. Applied Animal Behaviour Science, 2012, 140, 161-171.	0.8	34
60	An Evolutionary Framework to Understand Foraging, Wanting, and Desire: The Neuropsychology of the SEEKING System. Neuropsychoanalysis, 2012, 14, 5-39.	0.1	109
61	What is neuropsychoanalysis? Clinically relevant studies of the minded brain. Trends in Cognitive Sciences, 2012, 16, 6-8.	4.0	108
62	Alteration of c-Fos mRNA in the accessory lobe of crayfish is associated with a conditioned-cocaine induced reward. Neuroscience Research, 2012, 72, 243-256.	1.0	18
63	Repeated cocaine treatments induce distinct locomotor effects in Crayfish. Brain Research Bulletin, 2012, 87, 328-333.	1.4	13
64	Is Fibromyalgia An Endocrine/Endorphin Deficit Disorder? Is Low Dose Naltrexone a New Treatment Option?. Psychosomatics, 2012, 53, 591-594.	2.5	21
65	Subliminal Affect Valence Words Change Conscious Mood Potency but Not Valence: Is This Evidence for Unconscious Valence Affect?. Brain Sciences, 2012, 2, 504-522.	1.1	12
66	What is an emotional feeling? Lessons about affective origins from cross-species neuroscience. Motivation and Emotion, 2012, 36, 4-15.	0.8	28
67	Acute effects of steroid hormones and neuropeptides on human socialâ€“emotional behavior: A review of single administration studies. Frontiers in Neuroendocrinology, 2012, 33, 17-35.	2.5	467
68	Reflections on Rough and Tumble Play, Social Development, and Attention-Deficit Hyperactivity Disorders. Issues in Children's and Families' Lives, 2012, , 23-40.	0.2	6
69	What is Basic about Basic Emotions? Lasting Lessons from Affective Neuroscience. Emotion Review, 2011, 3, 387-396.	2.1	251
70	Why Does Depression Hurt? Ancestral Primary-Process Separation-Distress (PANIC/GRIEF) and Diminished Brain Reward (SEEKING) Processes in the Genesis of Depressive Affect. Psychiatry (New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		0
71	The â€œDynamic Unconsciousâ€•May Be Experienced: Can We Discuss Unconscious Emotions When There Are no Adequate Measures of Affective Change?. Neuropsychoanalysis, 2011, 13, 51-59.	0.1	1
72	Exposure to Cocaine Alters Dynorphin-Mediated Regulation of Excitatory Synaptic Transmission in Nucleus Accumbens Neurons. Biological Psychiatry, 2011, 69, 228-235.	0.7	27

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73	Empathy and the Laws of Affect. Science, 2011, 334, 1358-1359.	6.0	76
74	Effects of intraaccumbens amphetamine on production of 50kHz vocalizations in three lines of selectively bred Long-Evans rats. Behavioural Brain Research, 2011, 217, 32-40.	1.2	42
75	Positive affective vocalizations during cocaine and sucrose self-administration: A model for spontaneous drug desire in rats. Neuropharmacology, 2011, 61, 268-275.	2.0	64
76	Brain responses to chronic social defeat stress: Effects on regional oxidative metabolism as a function of a hedonic trait, and gene expression in susceptible and resilient rats. European Neuropsychopharmacology, 2011, 21, 92-107.	0.3	55
77	Cross-Species Affective Neuroscience Decoding of the Primal Affective Experiences of Humans and Related Animals. PLoS ONE, 2011, 6, e21236.	1.1	248
78	Frequency-modulated 50 kHz ultrasonic vocalizations: a tool for uncovering the molecular substrates of positive affect. Neuroscience and Biobehavioral Reviews, 2011, 35, 1831-1836.	2.9	278
79	The â€˜resting-state hypothesisâ€™ of major depressive disorderâ€”A translational subcorticalâ€“cortical framework for a system disorder. Neuroscience and Biobehavioral Reviews, 2011, 35, 1929-1945.	2.9	189
80	Drug-sensitive reward in crayfish: An invertebrate model system for the study of SEEKING, reward, addiction, and withdrawal. Neuroscience and Biobehavioral Reviews, 2011, 35, 1847-1853.	2.9	54
81	Cross-species affective functions of the medial forebrain bundleâ€”Implications for the treatment of affective pain and depression in humans. Neuroscience and Biobehavioral Reviews, 2011, 35, 1971-1981.	2.9	227
82	Affective neuroscientific and neuropsychoanalytic approaches to two intractable psychiatric problems: Why depression feels so bad and what addicts really want. Neuroscience and Biobehavioral Reviews, 2011, 35, 2000-2008.	2.9	90
83	Rethinking the cognitive revolution from a neural perspective: How overuse/misuse of the term â€˜cognitionâ€™ and the neglect of affective controls in behavioral neuroscience could be delaying progress in understanding the BrainMind. Neuroscience and Biobehavioral Reviews, 2011, 35, 2026-2035.	2.9	99
84	Mirrors and feelings: Have you seen the actors outside?. Neuroscience and Biobehavioral Reviews, 2011, 35, 2009-2016.	2.9	13
85	Mapping patterns of depression-related brain regions with cytochrome oxidase histochemistry: Relevance of animal affective systems to human disorders, with a focus on resilience to adverse events. Neuroscience and Biobehavioral Reviews, 2011, 35, 1876-1889.	2.9	38
86	The SEEKING mind: Primal neuro-affective substrates for appetitive incentive states and their pathological dynamics in addictions and depression. Neuroscience and Biobehavioral Reviews, 2011, 35, 1805-1820.	2.9	193
87	In search of the neurobiological substrates for social playfulness in mammalian brains. Neuroscience and Biobehavioral Reviews, 2011, 35, 1821-1830.	2.9	158
88	Octodon degus. A useful animal model for social-affective neuroscience research: Basic description of separation distress, social attachments and play. Neuroscience and Biobehavioral Reviews, 2011, 35, 1854-1863.	2.9	67
89	A neurocognitive theory of higher mental emergence: From anoetic affective experiences to noetic knowledge and autonoetic awareness. Neuroscience and Biobehavioral Reviews, 2011, 35, 2017-2025.	2.9	69
90	The brain's emotional foundations of human personality and the Affective Neuroscience Personality Scales. Neuroscience and Biobehavioral Reviews, 2011, 35, 1946-1958.	2.9	202

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91	Human brain EEG indices of emotions: Delineating responses to affective vocalizations by measuring frontal theta event-related synchronization. Neuroscience and Biobehavioral Reviews, 2011, 35, 1959-1970.	2.9	116
92	Glutamatergic modulation of separation distress: Profound emotional effects of excitatory amino acids in chicks. Neuroscience and Biobehavioral Reviews, 2011, 35, 1890-1901.	2.9	10
93	Emotional foundations of music as a non-pharmacological pain management tool in modern medicine. Neuroscience and Biobehavioral Reviews, 2011, 35, 1989-1999.	2.9	187
94	A novel NMDA receptor glycine-site partial agonist, GLYX-13, has therapeutic potential for the treatment of autism. Neuroscience and Biobehavioral Reviews, 2011, 35, 1982-1988.	2.9	74
95	The basic emotional circuits of mammalian brains: Do animals have affective lives?. Neuroscience and Biobehavioral Reviews, 2011, 35, 1791-1804.	2.9	461
96	Toward affective circuit-based preclinical models of depression: Sensitizing dorsal PAG arousal leads to sustained suppression of positive affect in rats. Neuroscience and Biobehavioral Reviews, 2011, 35, 1902-1915.	2.9	36
97	d-amphetamine stimulates unconditioned exploration/approach behaviors in crayfish: Towards a conserved evolutionary function of ancestral drug reward. Pharmacology Biochemistry and Behavior, 2011, 99, 75-80.	1.3	28
98	Motor and locomotor responses to systemic amphetamine in three lines of selectively bred Long-Evans rats. Pharmacology Biochemistry and Behavior, 2011, 100, 119-124.	1.3	20
99	The basic neuroscience of emotional experiences in mammals: The case of subcortical FEAR circuitry and implications for clinical anxiety. Applied Animal Behaviour Science, 2011, 129, 1-17.	0.8	48
100	Toward a crossâ€spécies neuroscientific understanding of the affective mind: do animals have emotional feelings?. American Journal of Primatology, 2011, 73, 545-561.	0.8	35
101	Brief periods of positive peer interactions mitigate the effects of total social isolation in youngOctodon degus. Developmental Psychobiology, 2011, 53, 280-290.	0.9	12
102	Analysis of the disruption of maternal social bonds inOctodon degus: Separation distress in restricted reunion tests. Developmental Psychobiology, 2011, 53, 657-669.	0.9	10
103	Spanish Validation of the Affective Neuroscience Personality Scales. Spanish Journal of Psychology, 2011, 14, 926-935.	1.1	35
104	The neurobiology of social loss in animals: Some keys to the puzzle of psychic pain in humans.. , 2011, , 11-51.		15
105	The Primary Process Affects in Human Development, Happiness, and Thriving. , 2011, , 51-86.		6
106	Infant-mother recognition in a social rodent (octodon degus).. Journal of Comparative Psychology (Washington, D C: 1983), 2010, 124, 166-175.	0.3	26
107	Is subcorticalâ€“cortical midline activity in depression mediated by glutamate and GABA? A cross-species translational approach. Neuroscience and Biobehavioral Reviews, 2010, 34, 592-605.	2.9	128
108	The Basic Affective Circuits of Mammalian Brains: Implications for Healthy Human Development and the Cultural Landscapes of ADHD. , 2010, , 470-502.		1

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109	Emotional causes and consequences of social-affective vocalization. Handbook of Behavioral Neuroscience, 2010, 19, 201-208.	0.7	20
110	Affective consciousness in animals: perspectives on dimensional and primary process emotion approaches. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2905-2907.	1.2	33
111	Inverse effects of oxytocin on attributing mental activity to others in depressed and healthy subjects: a double-blind placebo controlled fMRI study. Frontiers in Psychiatry, 2010, 1, 134.	1.3	71
112	Exposure to Cocaine Dynamically Regulates the Intrinsic Membrane Excitability of Nucleus Accumbens Neurons. Journal of Neuroscience, 2010, 30, 3689-3699.	1.7	108
113	Tractographic Analysis of Historical Lesion Surgery for Depression. Neuropsychopharmacology, 2010, 35, 2553-2563.	2.8	77
114	The Pleasures and Pains of Brain Regulatory Systems for Eating. , 2010, , 5-14.		1
115	Effects of a single and repeated morphine treatment on conditioned and unconditioned behavioral sensitization in Crayfish. Behavioural Brain Research, 2010, 207, 310-320.	1.2	29
116	Foreword: Perspectives on Passages Toward an Affective Neurobiology of Mind?. , 2010, , xxii-xxix.		2
117	Why depression feels bad. Advances in Consciousness Research, 2010, , 169-178.	0.2	8
118	Affective neuroscience of the emotional BrainMind: evolutionary perspectives and implications for understanding depression. Dialogues in Clinical Neuroscience, 2010, 12, 533-545.	1.8	163
119	A non-reductive physicalist account of affective consciousness. , 2009, , 399-407.		0
120	A Proposal for a Coordinated Effort for the Determination of Brainwide Neuroanatomical Connectivity in Model Organisms at a Mesoscopic Scale. PLoS Computational Biology, 2009, 5, e1000334.	1.5	242
121	The emotional antecedents to the evolution of music and language. Musicae Scientiae, 2009, 13, 229-259.	2.2	35
122	Differential parametric modulation of selfâ€rrelatedness and emotions in different brain regions. Human Brain Mapping, 2009, 30, 369-382.	1.9	127
123	The effects of selective breeding for differential rates of 50â€kHz ultrasonic vocalizations on emotional behavior in rats. Developmental Psychobiology, 2009, 51, 34-46.	0.9	84
124	The trans-species core SELF: The emergence of active cultural and neuro-ecological agents through self-related processing within subcortical-cortical midline networks. Consciousness and Cognition, 2009, 18, 193-215.	0.8	123
125	The flow of anoetic to noetic and autonoetic consciousness: A vision of unknowing (anoetic) and knowing (noetic) consciousness in the remembrance of things past and imagined futures. Consciousness and Cognition, 2009, 18, 1018-1028.	0.8	78
126	Depression: An Evolutionarily Conserved Mechanism to Terminate Separation Distress? A Review of Aminergic, Peptidergic, and Neural Network Perspectives. Neuropsychoanalysis, 2009, 11, 7-51.	0.1	162

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127	Response to the Commentaries. Neuropsychoanalysis, 2009, 11, 87-109.	0.1	4
128	Drug-seeking behavior in an invertebrate system: Evidence of morphine-induced reward, extinction and reinstatement in crayfish. Behavioural Brain Research, 2009, 197, 331-338.	1.2	36
129	Validation of a novel social investigation task that may dissociate social motivation from exploratory activity. Behavioural Brain Research, 2009, 199, 326-333.	1.2	20
130	Low-dose naltrexone for disease prevention and quality of life. Medical Hypotheses, 2009, 72, 333-337.	0.8	79
131	Stress-induced, glucocorticoid-dependent strengthening of glutamatergic synaptic transmission in midbrain dopamine neurons. Neuroscience Letters, 2009, 452, 273-276.	1.0	40
132	Repeated cocaine exposure induces sensitization of ultrasonic vocalization in rats. Neuroscience Letters, 2009, 453, 31-35.	1.0	72
133	Primary Process Affects and Brain Oxytocin. Biological Psychiatry, 2009, 65, 725-727.	0.7	41
134	The Power of the Word May Reside in the Power of Affect. Integrative Psychological and Behavioral Science, 2008, 42, 47-55.	0.5	45
135	Affective reflections and refractions within the BrainMind. Netherlands Journal of Psychology, 2008, 64, 128-131.	0.5	0
136	Sleep as a fundamental property of neuronal assemblies. Nature Reviews Neuroscience, 2008, 9, 910-919.	4.9	520
137	The trans-species concept of self and the subcorticalâ€“cortical midline system. Trends in Cognitive Sciences, 2008, 12, 259-264.	4.0	200
138	Commentary on â€œIs There a Drive to Love?â€• Neuropsychoanalysis, 2008, 10, 166-169.	0.1	1
139	Ultrasonic vocalizations of rats (Rattus norvegicus) during mating, play, and aggression: Behavioral concomitants, relationship to reward, and self-administration of playback... Journal of Comparative Psychology (Washington, D C: 1983), 2008, 122, 357-367.	0.3	381
140	Cognitive Conceptualismâ€"Where Have All the Affects Gone? Additional Corrections for Barrett et al. (2007). Perspectives on Psychological Science, 2008, 3, 305-308.	5.2	33
141	Carving "natural" emotions: "Kindly" from bottom-up but not top-down.. Journal of Theoretical and Philosophical Psychology, 2008, 28, 395-422.	0.6	18
142	Emotional feelings originate below the neocortex: Toward a neurobiology of the soul. Behavioral and Brain Sciences, 2007, 30, 101-103.	0.4	50
143	Opioids: From Physical Pain to the Pain of Social Isolation. CNS Spectrums, 2007, 12, 669-674.	0.7	53
144	Brain regional neuropeptide changes resulting from social defeat.. Behavioral Neuroscience, 2007, 121, 1364-1371.	0.6	34

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145	Neurologizing the Psychology of Affects: How Appraisal-Based Constructivism and Basic Emotion Theory Can Coexist. Perspectives on Psychological Science, 2007, 2, 281-296.	5.2	301
146	Neuroevolutionary sources of laughter and social joy: Modeling primal human laughter in laboratory rats. Behavioural Brain Research, 2007, 182, 231-244.	1.2	151
147	Neurobiology of 50-kHz ultrasonic vocalizations in rats: Electrode mapping, lesion, and pharmacology studies. Behavioural Brain Research, 2007, 182, 274-283.	1.2	316
148	Social defeat, a paradigm of depression in rats that elicits 22-kHz vocalizations, preferentially activates the cholinergic signaling pathway in the periaqueductal gray. Behavioural Brain Research, 2007, 182, 290-300.	1.2	72
149	Prior morphine experience induces long-term increases in social interest and in appetitive behavior for natural reward. Behavioural Brain Research, 2007, 181, 191-199.	1.2	36
150	Neuro-Psychoanalysis May Enliven the Mindbrain Sciences. Cortex, 2007, 43, 1106-1107.	1.1	11
151	Commentary on â€œToward a Neuroscience of Empathy: Integrating Affective and Cognitive Perspectivesâ€. Neuropsychoanalysis, 2007, 9, 141-146.	0.1	7
152	Criteria for basic emotions: Is DISGUST a primary â€œemotionâ€?. Cognition and Emotion, 2007, 21, 1819-1828.	1.2	56
153	Does any aspect of mind survive brain damage that typically leads to a persistent vegetative state? Ethical considerations. Philosophy, Ethics, and Humanities in Medicine, 2007, 2, 32.	0.7	42
154	Behavioral functions of the mesolimbic dopaminergic system: An affective neuroethological perspective. Brain Research Reviews, 2007, 56, 283-321.	9.1	481
155	The neuroevolutionary and neuroaffective psychobiology of the prosocial brain. , 2007, , .		8
156	Can PLAY diminish ADHD and facilitate the construction of the social brain?. Journal of the Canadian Academy of Child and Adolescent Psychiatry, 2007, 16, 57-66.	0.7	60
157	Self-referential processing in our brainâ€”A meta-analysis of imaging studies on the self. NeuroImage, 2006, 31, 440-457.	2.1	2,350
158	Regional brain cholecystokinin changes as a function of rough-and-tumble play behavior in adolescent rats. Peptides, 2006, 27, 172-177.	1.2	40
159	Play behavior in rats pretreated with scopolamine: Increased play solicitation by the non-injected partner. Physiology and Behavior, 2006, 87, 120-125.	1.0	10
160	Emotional endophenotypes in evolutionary psychiatry. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2006, 30, 774-784.	2.5	210
161	Are emotions more than learned behaviors?. Trends in Cognitive Sciences, 2006, 10, 96-97.	4.0	1
162	The affective neuroeconomics of social brains: One man's cruelty is another's suffering. Behavioral and Brain Sciences, 2006, 29, 234-235.	0.4	2

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163	The neurobiology of positive emotions. Neuroscience and Biobehavioral Reviews, 2006, 30, 173-187.	2.9	561
164	Toward a science of ultimate concern. Consciousness and Cognition, 2005, 14, 22-29.	0.8	4
165	Affective consciousness: Core emotional feelings in animals and humans. Consciousness and Cognition, 2005, 14, 30-80.	0.8	844
166	Breeding for 50-kHz Positive Affective Vocalization in Rats. Behavior Genetics, 2005, 35, 67-72.	1.4	101
167	Emotional dynamics of the organism and its parts. Behavioral and Brain Sciences, 2005, 28, 212-213.	0.4	1
168	Social Support and Pain. Journal of Cancer Pain and Symptom Palliation, 2005, 1, 59-65.	0.1	9
169	Commentary on â€œIntegrating the Psychoanalytic and Neurobiological Views of Panic Disorderâ€. Neuropsychoanalysis, 2005, 7, 145-150.	0.1	6
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