

# Kent C Berridge

## List of Publications by Citations

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205  
papers

44,191  
citations

93  
h-index

210  
g-index

667  
ext. papers

48,599  
ext. citations

5.8  
avg, IF

8.29  
L-index

#	Paper	IF	Citations
205	The neural basis of drug craving: an incentive-sensitization theory of addiction. <i>Brain Research Reviews</i> , <b>1993</b> , 18, 247-91		5539
204	What is the role of dopamine in reward: hedonic impact, reward learning, or incentive salience?. <i>Brain Research Reviews</i> , <b>1998</b> , 28, 309-69		2996
203	The debate over dopamine's role in reward: the case for incentive salience. <i>Psychopharmacology</i> , <b>2007</b> , 191, 391-431	4.7	1619
202	Parsing reward. <i>Trends in Neurosciences</i> , <b>2003</b> , 26, 507-13	13.3	1505
201	Food reward: brain substrates of wanting and liking. <i>Neuroscience and Biobehavioral Reviews</i> , <b>1996</b> , 20, 1-25	9	1418
200	Addiction. <i>Annual Review of Psychology</i> , <b>2003</b> , 54, 25-53	26.1	1319
199	Dissecting components of reward: 'liking', 'wanting', and learning. <i>Current Opinion in Pharmacology</i> , <b>2009</b> , 9, 65-73	5.1	1246
198	Review. The incentive sensitization theory of addiction: some current issues. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2008</b> , 363, 3137-46	5.8	1131
197	The neuroscience of natural rewards: relevance to addictive drugs. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 3306-11	6.6	1119
196	Incentive-sensitization and addiction. <i>Addiction</i> , <b>2001</b> , 96, 103-14	4.6	995
195	Motivation concepts in behavioral neuroscience. <i>Physiology and Behavior</i> , <b>2004</b> , 81, 179-209	3.5	873
194	Affective neuroscience of pleasure: reward in humans and animals. <i>Psychopharmacology</i> , <b>2008</b> , 199, 457-80	4.9	828
193	Pleasure systems in the brain. <i>Neuron</i> , <b>2015</b> , 86, 646-64	13.9	744
192	'Liking' and 'wanting' food rewards: brain substrates and roles in eating disorders. <i>Physiology and Behavior</i> , <b>2009</b> , 97, 537-50	3.5	741
191	Intra-accumbens amphetamine increases the conditioned incentive salience of sucrose reward: enhancement of reward "wanting" without enhanced "liking" or response reinforcement. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 8122-30	6.6	645
190	The tempted brain eats: pleasure and desire circuits in obesity and eating disorders. <i>Brain Research</i> , <b>2010</b> , 1350, 43-64	3.7	611
189	Liking, wanting, and the incentive-sensitization theory of addiction. <i>American Psychologist</i> , <b>2016</b> , 71, 670-679	9.5	571

188	Comparative expression of hedonic impact: affective reactions to taste by human infants and other primates. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2001</b> , 25, 53-74	9	534
187	Measuring hedonic impact in animals and infants: microstructure of affective taste reactivity patterns. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2000</b> , 24, 173-98	9	525
186	Hedonic hot spot in nucleus accumbens shell: where do mu-opioids cause increased hedonic impact of sweetness?. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 11777-86	6.6	510
185	Unconscious affective reactions to masked happy versus angry faces influence consumption behavior and judgments of value. <i>Personality and Social Psychology Bulletin</i> , <b>2005</b> , 31, 121-35	4.1	471
184	The psychology and neurobiology of addiction: an incentive-sensitization view. <i>Addiction</i> , <b>2000</b> , 95 Suppl 2, S91-117	4.6	463
183	Pleasures of the brain. <i>Brain and Cognition</i> , <b>2003</b> , 52, 106-28	2.7	451
182	From prediction error to incentive salience: mesolimbic computation of reward motivation. <i>European Journal of Neuroscience</i> , <b>2012</b> , 35, 1124-43	3.5	448
181	Towards a functional neuroanatomy of pleasure and happiness. <i>Trends in Cognitive Sciences</i> , <b>2009</b> , 13, 479-87	14	440
180	Hyperdopaminergic mutant mice have higher "wanting" but not "liking" for sweet rewards. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 9395-402	6.6	418
179	Psychoactive drug use in evolutionary perspective. <i>Science</i> , <b>1997</b> , 278, 63-6	33.3	368
178	Incentive sensitization by previous amphetamine exposure: increased cue-triggered "wanting" for sucrose reward. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 7831-40	6.6	361
177	Neurobiology of rodent self-grooming and its value for translational neuroscience. <i>Nature Reviews Neuroscience</i> , <b>2016</b> , 17, 45-59	13.5	359
176	Unconscious Emotion. <i>Current Directions in Psychological Science</i> , <b>2004</b> , 13, 120-123	6.5	357
175	Opioid limbic circuit for reward: interaction between hedonic hotspots of nucleus accumbens and ventral pallidum. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 1594-605	6.6	340
174	Positive and negative motivation in nucleus accumbens shell: bivalent rostrocaudal gradients for GABA-elicited eating, taste "liking"/"disliking" reactions, place preference/avoidance, and fear. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 7308-20	6.6	340
173	Ventral pallidum roles in reward and motivation. <i>Behavioural Brain Research</i> , <b>2009</b> , 196, 155-67	3.4	338
172	Neuroscience of affect: brain mechanisms of pleasure and displeasure. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 294-303	7.6	333
171	Opioid site in nucleus accumbens shell mediates eating and hedonic 'liking' for food: map based on microinjection Fos plumes. <i>Brain Research</i> , <b>2000</b> , 863, 71-86	3.7	326

170	The ventral pallidum and hedonic reward: neurochemical maps of sucrose "liking" and food intake. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 8637-49	6.6	284
169	Hedonic hot spots in the brain. <i>Neuroscientist</i> , <b>2006</b> , 12, 500-11	7.6	280
168	Disentangling pleasure from incentive salience and learning signals in brain reward circuitry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E255-64	11.5	278
167	Endocannabinoid hedonic hotspot for sensory pleasure: anandamide in nucleus accumbens shell enhances 'liking' of a sweet reward. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 2267-78	8.7	269
166	Opioid hedonic hotspot in nucleus accumbens shell: mu, delta, and kappa maps for enhancement of sweetness "liking" and "wanting". <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 4239-50	6.6	253
165	Taste reactivity analysis of 6-hydroxydopamine-induced aphagia: Implications for arousal and anhedonia hypotheses of dopamine function.. <i>Behavioral Neuroscience</i> , <b>1989</b> , 103, 36-45	2.1	251
164	Ventral pallidal neurons code incentive motivation: amplification by mesolimbic sensitization and amphetamine. <i>European Journal of Neuroscience</i> , <b>2005</b> , 22, 2617-34	3.5	235
163	What psychological process mediates feeding evoked by electrical stimulation of the lateral hypothalamus?. <i>Behavioral Neuroscience</i> , <b>1991</b> , 105, 3-14	2.1	230
162	Instant transformation of learned repulsion into motivational "wanting". <i>Current Biology</i> , <b>2013</b> , 23, 282-93	9.3	226
161	What is an unconscious emotion?(The case for unconscious "liking"). <i>Cognition and Emotion</i> , <b>2003</b> , 17, 181-211	2.3	225
160	Coding of serial order by neostriatal neurons: a "natural action" approach to movement sequence. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 2777-87	6.6	212
159	A neural computational model of incentive salience. <i>PLoS Computational Biology</i> , <b>2009</b> , 5, e1000437	5	208
158	Sodium depletion enhances salt palatability in rats.. <i>Behavioral Neuroscience</i> , <b>1984</b> , 98, 652-660	2.1	207
157	Neural correlates of social and nonsocial emotions: An fMRI study. <i>NeuroImage</i> , <b>2006</b> , 31, 397-409	7.9	206
156	Sequential super-stereotypy of an instinctive fixed action pattern in hyper-dopaminergic mutant mice: a model of obsessive compulsive disorder and Tourette's. <i>BMC Biology</i> , <b>2005</b> , 3, 4	7.3	204
155	Fear and feeding in the nucleus accumbens shell: rostrocaudal segregation of GABA-elicited defensive behavior versus eating behavior. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 3261-70	6.6	204
154	Model-based and model-free Pavlovian reward learning: revaluation, revision, and revelation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2014</b> , 14, 473-92	3.5	203
153	The psychology and neurobiology of addiction: an incentive-sensitization view. <i>Addiction</i> , <b>2000</b> , 95, 91-117	7.6	203

152	Modulation of taste affect by hunger, caloric satiety, and sensory-specific satiety in the rat. <i>Appetite</i> , <b>1991</b> , 16, 103-20	4.5	202
151	Lateral hypothalamus, nucleus accumbens, and ventral pallidum roles in eating and hunger: interactions between homeostatic and reward circuitry. <i>Frontiers in Systems Neuroscience</i> , <b>2015</b> , 9, 90	3.5	201
150	Ventral pallidum firing codes hedonic reward: when a bad taste turns good. <i>Journal of Neurophysiology</i> , <b>2006</b> , 96, 2399-409	3.2	200
149	Emotional environments retune the valence of appetitive versus fearful functions in nucleus accumbens. <i>Nature Neuroscience</i> , <b>2008</b> , 11, 423-5	25.5	197
148	Implementation of action sequences by a neostriatal site: a lesion mapping study of grooming syntax. <i>Journal of Neuroscience</i> , <b>1996</b> , 16, 3444-58	6.6	190
147	Which cue to "want?" Central amygdala opioid activation enhances and focuses incentive salience on a prepotent reward cue. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 6500-13	6.6	178
146	The Mind of an Addicted Brain: Neural Sensitization of Wanting Versus Liking. <i>Current Directions in Psychological Science</i> , <b>1995</b> , 4, 71-75	6.5	172
145	Where does damage lead to enhanced food aversion: the ventral pallidum/substantia innominata or lateral hypothalamus?. <i>Brain Research</i> , <b>1993</b> , 624, 1-10	3.7	169
144	Dopamine or opioid stimulation of nucleus accumbens similarly amplify cue-triggered 'wanting' for reward: entire core and medial shell mapped as substrates for PIT enhancement. <i>European Journal of Neuroscience</i> , <b>2013</b> , 37, 1529-40	3.5	163
143	Relation of consummatory responses and preabsorptive insulin release to palatability and learned taste aversions. <i>Journal of Comparative and Physiological Psychology</i> , <b>1981</b> , 95, 363-82		151
142	Natural syntax rules control action sequence of rats. <i>Behavioural Brain Research</i> , <b>1987</b> , 23, 59-68	3.4	150
141	Mesolimbic dopamine in desire and dread: enabling motivation to be generated by localized glutamate disruptions in nucleus accumbens. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 7184-92	6.6	147
140	Cortex, striatum and cerebellum: control of serial order in a grooming sequence. <i>Experimental Brain Research</i> , <b>1992</b> , 90, 275-90	2.3	146
139	What and when to "want"? Amygdala-based focusing of incentive salience upon sugar and sex. <i>Psychopharmacology</i> , <b>2012</b> , 221, 407-26	4.7	135
138	Individual Differences in Cue-Induced Motivation and Striatal Systems in Rats Susceptible to Diet-Induced Obesity. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 2113-23	8.7	134
137	Nucleus accumbens corticotropin-releasing factor increases cue-triggered motivation for sucrose reward: paradoxical positive incentive effects in stress?. <i>BMC Biology</i> , <b>2006</b> , 4, 8	7.3	134
136	Optogenetic excitation of central amygdala amplifies and narrows incentive motivation to pursue one reward above another. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 16567-80	6.6	132
135	Mapping brain circuits of reward and motivation: in the footsteps of Ann Kelley. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 1919-31	9	130

134	Alternating ingestive and aversive consummatory responses suggest a two-dimensional analysis of palatability in rats.. <i>Behavioral Neuroscience</i> , <b>1983</b> , 97, 563-573	2.1	128
133	An orexin hotspot in ventral pallidum amplifies hedonic 'liking' for sweetness. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 1655-64	8.7	127
132	Glutamate motivational ensembles in nucleus accumbens: rostrocaudal shell gradients of fear and feeding. <i>European Journal of Neuroscience</i> , <b>2003</b> , 17, 2187-200	3.5	125
131	Ventral pallidal representation of pavlovian cues and reward: population and rate codes. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 1058-69	6.6	119
130	Opioid and orexin hedonic hotspots in rat orbitofrontal cortex and insula. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E9125-E9134	11.5	108
129	Building a neuroscience of pleasure and well-being. <i>Psychology of Well-being</i> , <b>2011</b> , 1, 1-3		108
128	Basal ganglia neural mechanisms of natural movement sequences. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2004</b> , 82, 732-9	2.4	108
127	Pimozide does not shift palatability: separation of anhedonia from sensorimotor suppression by taste reactivity. <i>Pharmacology Biochemistry and Behavior</i> , <b>1997</b> , 58, 801-11	3.9	107
126	Benzodiazepines, appetite, and taste palatability. <i>Neuroscience and Biobehavioral Reviews</i> , <b>1995</b> , 19, 121-31	3.1	107
125	Wanting and Liking: Observations from the Neuroscience and Psychology Laboratory. <i>Inquiry (United Kingdom)</i> , <b>2009</b> , 52, 378	0.5	105
124	Which cue to 'want'? Opioid stimulation of central amygdala makes goal-trackers show stronger goal-tracking, just as sign-trackers show stronger sign-tracking. <i>Behavioural Brain Research</i> , <b>2012</b> , 230, 399-408	3.4	103
123	DECISION UTILITY, THE BRAIN, AND PURSUIT OF HEDONIC GOALS. <i>Social Cognition</i> , <b>2008</b> , 26, 621-646	1.2	103
122	Morphine enhances hedonic taste palatability in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>1993</b> , 46, 745-9	3.9	103
121	Lesions of the central nucleus of the amygdala. I: Effects on taste reactivity, taste aversion learning and sodium appetite. <i>Behavioural Brain Research</i> , <b>1993</b> , 59, 11-7	3.4	102
120	Nucleus accumbens dopamine/glutamate interaction switches modes to generate desire versus dread: D(1) alone for appetitive eating but D(1) and D(2) together for fear. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 12866-79	6.6	101
119	The Affective Core of Emotion: Linking Pleasure, Subjective Well-Being, and Optimal Metastability in the Brain. <i>Emotion Review</i> , <b>2017</b> , 9, 191-199	4.6	100
118	Advances in the neurobiological bases for food 'liking' versus 'wanting'. <i>Physiology and Behavior</i> , <b>2014</b> , 136, 22-30	3.5	100
117	Reward uncertainty enhances incentive salience attribution as sign-tracking. <i>Behavioural Brain Research</i> , <b>2013</b> , 238, 53-61	3.4	99

116	The hedonic impact and intake of food are increased by midazolam microinjection in the parabrachial nucleus. <i>Brain Research</i> , <b>2000</b> , 877, 288-97	3.7	98
115	Dynamic computation of incentive salience: "wanting" what was never "liked". <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 12220-8	6.6	96
114	Evolving Concepts of Emotion and Motivation. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 1647	3.4	96
113	Chlordiazepoxide directly enhances positive ingestive reactions in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>1986</b> , 24, 217-21	3.9	94
112	Initial uncertainty in Pavlovian reward prediction persistently elevates incentive salience and extends sign-tracking to normally unattractive cues. <i>Behavioural Brain Research</i> , <b>2014</b> , 266, 119-30	3.4	92
111	Orexin in Rostral Hotspot of Nucleus Accumbens Enhances Sucrose 'Liking' and Intake but Scopolamine in Caudal Shell Shifts 'Liking' Toward 'Disgust' and 'Fear'. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 2101-11	8.7	90
110	A comparison of benzodiazepine, serotonin, and dopamine agents in the taste-reactivity paradigm. <i>Pharmacology Biochemistry and Behavior</i> , <b>1990</b> , 37, 451-6	3.9	88
109	Amphetamine-induced sensitization and reward uncertainty similarly enhance incentive salience for conditioned cues. <i>Behavioral Neuroscience</i> , <b>2015</b> , 129, 502-11	2.1	87
108	The functional neuroanatomy of pleasure and happiness. <i>Discovery Medicine</i> , <b>2010</b> , 9, 579-87	2.5	86
107	Enkephalin surges in dorsal neostriatum as a signal to eat. <i>Current Biology</i> , <b>2012</b> , 22, 1918-24	6.3	83
106	Contextual control of trigeminal sensorimotor function. <i>Journal of Neuroscience</i> , <b>1986</b> , 6, 325-30	6.6	83
105	Comparative Fine Structure of Action: Rules of Form and Sequence in the Grooming Patterns of Six Rodent Species. <i>Behaviour</i> , <b>1990</b> , 113, 21-56	1.4	81
104	Optogenetic Central Amygdala Stimulation Intensifies and Narrows Motivation for Cocaine. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 8330-8348	6.6	80
103	Current perspectives on incentive salience and applications to clinical disorders. <i>Current Opinion in Behavioral Sciences</i> , <b>2018</b> , 22, 59-69	4	79
102	Isohedonic tastes support a two-dimensional hypothesis of palatability. <i>Appetite</i> , <b>1984</b> , 5, 221-31	4.5	76
101	Reward learning: Reinforcement, incentives, and expectations. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , <b>2000</b> , 40, 223-278	1.4	75
100	Desire and dread from the nucleus accumbens: cortical glutamate and subcortical GABA differentially generate motivation and hedonic impact in the rat. <i>PLoS ONE</i> , <b>2010</b> , 5, e11223	3.7	75
99	Super-stereotypy I: enhancement of a complex movement I sequence by systemic dopamine D1 agonists. <i>Synapse</i> , <b>2000</b> , 37, 194-204	2.4	74



98	Excessive disgust caused by brain lesions or temporary inactivations: mapping hotspots of the nucleus accumbens and ventral pallidum. <i>European Journal of Neuroscience</i> , <b>2014</b> , 40, 3556-72	3.5	73
97	Neuronal Coding of Serial Order: Syntax of Grooming in the Neostriatum. <i>Psychological Science</i> , <b>1993</b> , 4, 391-395	7.9	72
96	Progressive degradation of serial grooming chains by descending decerebration. <i>Behavioural Brain Research</i> , <b>1989</b> , 33, 241-53	3.4	71
95	Pleasantness of a sweet taste during hunger and satiety: effects of gender and "sweet tooth". <i>Appetite</i> , <b>1993</b> , 21, 247-54	4.5	69
94	Action sequencing is impaired in D1A-deficient mutant mice. <i>European Journal of Neuroscience</i> , <b>1998</b> , 10, 2426-32	3.5	67
93	What psychological process mediates feeding evoked by electrical stimulation of the lateral hypothalamus?. <i>Behavioral Neuroscience</i> , <b>1991</b> , 105, 3-14	2.1	66
92	Is Addiction a Brain Disease?. <i>Neuroethics</i> , <b>2017</b> , 10, 29-33	1.2	63
91	Trigeminal-taste interaction in palatability processing. <i>Science</i> , <b>1985</b> , 228, 747-50	33.3	61
90	Affective valence in the brain: modules or modes?. <i>Nature Reviews Neuroscience</i> , <b>2019</b> , 20, 225-234	13.5	60
89	Prefrontal cortex modulates desire and dread generated by nucleus accumbens glutamate disruption. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 360-70	7.9	59
88	Sodium depletion enhances salt palatability in rats. <i>Behavioral Neuroscience</i> , <b>1984</b> , 98, 652-60	2.1	58
87	Ventral pallidal coding of a learned taste aversion. <i>Behavioural Brain Research</i> , <b>2016</b> , 300, 175-83	3.4	57
86	Dopamine receptor modulation of repetitive grooming actions in the rat: potential relevance for Tourette syndrome. <i>Brain Research</i> , <b>2010</b> , 1322, 92-101	3.7	51
85	Brainstem systems mediate the enhancement of palatability by chlordiazepoxide. <i>Brain Research</i> , <b>1988</b> , 447, 262-8	3.7	48
84	Food Addiction <b>2013</b> , 2833-2857		47
83	Irrational Wanting and Subrational Liking: How Rudimentary Motivational and Affective Processes Shape Preferences and Choices. <i>Political Psychology</i> , <b>2003</b> , 24, 657-680	3.6	46
82	Brainstem mediates diazepam enhancement of palatability and feeding: microinjections into fourth ventricle versus lateral ventricle. <i>Brain Research</i> , <b>1996</b> , 727, 22-30	3.7	46
81	Super-stereotypy II: enhancement of a complex movement sequence by intraventricular dopamine D1 agonists. <i>Synapse</i> , <b>2000</b> , 37, 205-15	2.4	45



80	'Liking' and 'wanting' in eating and food reward: Brain mechanisms and clinical implications. <i>Physiology and Behavior</i> , <b>2020</b> , 227, 113152	3.5	43
79	Optogenetic self-stimulation in the nucleus accumbens: D1 reward versus D2 ambivalence. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207694	3.7	43
78	Food intake after diazepam, morphine or muscimol: microinjections In the nucleus accumbens shell. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 66, 429-34	3.9	42
77	Differential subjective and psychophysiological responses to socially and nonsocially generated emotional stimuli. <i>Emotion</i> , <b>2006</b> , 6, 150-5	4.1	41
76	Incentive-sensitization and drug 'wanting'. <i>Psychopharmacology</i> , <b>2004</b> , 171, 352-353	4.7	41
75	Sensitization of Incentive Salience and the Transition to Addiction <b>2020</b> , 23-37		40
74	Rats learn to like the taste of morphine.. <i>Behavioral Neuroscience</i> , <b>1985</b> , 99, 290-300	2.1	39
73	Deafferentation does not disrupt natural rules of action syntax. <i>Behavioural Brain Research</i> , <b>1987</b> , 23, 69-76	3.4	37
72	Motivational-sensorimotor interaction controls aphagia and exaggerated treading after striatopallidal lesions.. <i>Behavioral Neuroscience</i> , <b>1990</b> , 104, 778-795	2.1	36
71	The direct enhancement of positive palatability by chlordiazepoxide is antagonized by Ro 15-1788 and CGS 8216. <i>Pharmacology Biochemistry and Behavior</i> , <b>1987</b> , 26, 709-14	3.9	36
70	Control of fluid palatability by exteroceptive Pavlovian signals.. <i>Journal of Experimental Psychology</i> , <b>1986</b> , 12, 143-152		35
69	The joyful mind. <i>Scientific American</i> , <b>2012</b> , 307, 40-5	0.5	34
68	Dorsolateral neostriatum contribution to incentive salience: opioid or dopamine stimulation makes one reward cue more motivationally attractive than another. <i>European Journal of Neuroscience</i> , <b>2016</b> , 43, 1203-18	3.5	34
67	Metabotropic glutamate receptor blockade in nucleus accumbens shell shifts affective valence towards fear and disgust. <i>European Journal of Neuroscience</i> , <b>2011</b> , 33, 736-47	3.5	31
66	Substantia nigra pars reticulata neurons code initiation of a serial pattern: implications for natural action sequences and sequential disorders. <i>European Journal of Neuroscience</i> , <b>2002</b> , 16, 1599-608	3.5	30
65	Nucleus accumbens GABAergic inhibition generates intense eating and fear that resists environmental retuning and needs no local dopamine. <i>European Journal of Neuroscience</i> , <b>2013</b> , 37, 1789-802	3.5	27
64	Endogenous opioids are necessary for benzodiazepine palatability enhancement: naltrexone blocks diazepam-induced increase of sucrose-'liking'. <i>Pharmacology Biochemistry and Behavior</i> , <b>2005</b> , 81, 657-63	3.9	27
63	Conditioned taste aversion in rats for a threonine-deficient diet: demonstration by the taste reactivity test. <i>Physiology and Behavior</i> , <b>2000</b> , 68, 423-9	3.5	26

62	Addiction Between Compulsion and Choice <b>2013</b> , 239-268		25
61	A Neurobehavioral Approach to Addiction: Implications for the Opioid Epidemic and the Psychology of Addiction. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , <b>2019</b> , 20, 96-127	18.6	24
60	Mapping of globus pallidus and ventral pallidum lesions that produce hyperkinetic treading. <i>Brain Research</i> , <b>1994</b> , 668, 16-29	3.7	24
59	Incentive Saliency and the Transition to Addiction <b>2013</b> , 391-399		23
58	The hunger games. <i>Cell</i> , <b>2015</b> , 160, 805-806	56.2	21
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