

Howard C Cromwell

List of Publications by Year in descending order

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72
papers

2,900
citations

257357

24
h-index

175177

52
g-index

76
all docs

76
docs citations

76
times ranked

2490
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the brain basis of feelings, emotions and much more: A special issue focused on "The Human Affectome"™. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104672.	2.9	5
2	The Human Affectome Project: A dedication to Jaak Panksepp. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104693.	2.9	1
3	Sex differences in incentive contrast during game play: Contributions of personality and emotion. <i>Learning and Motivation</i> , 2022, 79, 101828.	0.6	0
4	Characterizing the Neural Substrate of Reward with the Use of Specific Brain Lesions. <i>NeuroMethods</i> , 2021, , 51-74.	0.2	1
5	Effort-reward balance and work motivation in rats: Effects of context and order of experience. <i>Behavioural Processes</i> , 2020, 181, 104239.	0.5	7
6	Exercise influences the impact of polychlorinated biphenyl exposure on immune function. <i>PLoS ONE</i> , 2020, 15, e0237705.	1.1	4
7	Mapping the interconnected neural systems underlying motivation and emotion: A key step toward understanding the human affectome. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 113, 204-226.	2.9	28
8	Exercise influences the impact of polychlorinated biphenyl exposure on immune function. , 2020, 15, e0237705.		0
9	Exercise influences the impact of polychlorinated biphenyl exposure on immune function. , 2020, 15, e0237705.		0
10	Exercise influences the impact of polychlorinated biphenyl exposure on immune function. , 2020, 15, e0237705.		0
11	Exercise influences the impact of polychlorinated biphenyl exposure on immune function. , 2020, 15, e0237705.		0
12	Translating striatal activity from brain slice to whole animal neurophysiology: A guide for neuroscience research integrating diverse levels of analysis. <i>Journal of Neuroscience Research</i> , 2019, 97, 1528-1545.	1.3	1
13	Influence of Perinatal Polychlorinated Biphenyl or Thiouracil on Dopamine Function. <i>Toxicology and Environmental Health Sciences</i> , 2019, 11, 283-294.	1.1	1
14	Climbing with Mike. <i>Journal of Neuroscience Research</i> , 2019, 97, 1750-1750.	1.3	0
15	An investigation of variety effects during operant responding in the rat utilizing different reward flavors. <i>Appetite</i> , 2019, 134, 50-58.	1.8	2
16	Neural encoding of choice during a delayed response task in primate striatum and orbitofrontal cortex. <i>Experimental Brain Research</i> , 2018, 236, 1679-1688.	0.7	16
17	Emotional State and Motivation Interactions: Ultrasonic Vocalizations During Incentive Contrast and Free Choice Paradigms. <i>Handbook of Behavioral Neuroscience</i> , 2018, 25, 267-277.	0.7	0
18	A possible social relative reward effect: Influences of outcome inequity between rats during operant responding. <i>Behavioural Processes</i> , 2018, 157, 459-469.	0.5	5

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19	Jaak Panksepp (1943–2017).. American Psychologist, 2018, 73, 202-202.	3.8	1
20	Effects of anandamide administration on components of reward processing during free choice. Pharmacology Biochemistry and Behavior, 2017, 158, 14-21.	1.3	7
21	The effects of ethanol on diverse components of choice in the rat: reward discrimination, preference and relative valuation. European Journal of Neuroscience, 2017, 46, 1837-1849.	1.2	4
22	Effects of striatal lesions on components of choice: Reward discrimination, preference, and relative valuation. Behavioural Brain Research, 2016, 315, 130-140.	1.2	9
23	Fractionating choice: A study on reward discrimination, preference, and relative valuation in the rat (Rattus norvegicus).. Journal of Comparative Psychology (Washington, D C: 1983), 2016, 130, 174-186.	0.3	15
24	Striatal Activity and Reward Relativity: Neural Signals Encoding Dynamic Outcome Valuation. ENeuro, 2016, 3, ENEURO.0022-16.2016.	0.9	15
25	Relative reward effects on operant behavior: Incentive contrast, induction and variety effects. Behavioural Processes, 2015, 116, 87-99.	0.5	24
26	Polychlorinated biphenyl exposure alters oxytocin receptor gene expression and maternal behavior in rat model. Endocrine Disruptors (Austin, Tex), 2015, 3, e979681.	1.1	5
27	Influence of emotional states on inhibitory gating: Animals models to clinical neurophysiology. Behavioural Brain Research, 2015, 276, 67-75.	1.2	18
28	Effects of polychlorinated biphenyl (PCB) exposure on response perseveration and ultrasonic vocalization emission in rat during development. Endocrine Disruptors (Austin, Tex), 2014, 2, e969608.	1.1	6
29	Emotion and relative reward processing: An investigation on instrumental successive negative contrast and ultrasonic vocalizations in the rat. Behavioural Processes, 2014, 107, 167-174.	0.5	22
30	Ultrasonic vocalizations, predictability and sensorimotor gating in the rat. Behavioural Brain Research, 2013, 253, 32-41.	1.2	12
31	Selective breeding for 50 kHz ultrasonic vocalization emission produces alterations in the ontogeny and regulation of rough-and-tumble play. Behavioural Brain Research, 2012, 229, 138-144.	1.2	36
32	Rethinking the cognitive revolution from a neural perspective: How overuse/misuse of the term "cognition" 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
33	Rat pup social motivation: A critical component of early psychological development. Neuroscience and Biobehavioral Reviews, 2011, 35, 1284-1290.	2.9	8
34	Perinatal exposure to polychlorinated biphenyls alters social behaviors in rats. Toxicology Letters, 2010, 199, 136-143.	0.4	56
35	Reduction of prelimbic inhibitory gating of auditory evoked potentials after fear conditioning.. Behavioral Neuroscience, 2009, 123, 315-327.	0.6	13
36	The effects of selective breeding for differential rates of 50kHz ultrasonic vocalizations on emotional behavior in rats. Developmental Psychobiology, 2009, 51, 34-46.	0.9	84

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37	Wistar Kyoto rats as an animal model of anxiety vulnerability: Support for a hypervigilance hypothesis. <i>Behavioural Brain Research</i> , 2009, 204, 162-168.	1.2	83
38	The effects of prenatal stress on motivation in the rat pup. <i>Stress</i> , 2009, 12, 250-258.	0.8	19
39	Rats selectively bred for low levels of 50 kHz ultrasonic vocalizations exhibit alterations in early social motivation. <i>Developmental Psychobiology</i> , 2008, 50, 322-331.	0.9	58
40	Sensory Gating: A Translational Effort from Basic to Clinical Science. <i>Clinical EEG and Neuroscience</i> , 2008, 39, 69-72.	0.9	158
41	Effects of polychlorinated biphenyls on maternal odor conditioning in rat pups. <i>Physiology and Behavior</i> , 2007, 91, 658-666.	1.0	27
42	Single unit and population responses during inhibitory gating of striatal activity in freely moving rats. <i>Neuroscience</i> , 2007, 146, 69-85.	1.1	29
43	Effects of restraint and haloperidol on sensory gating in the midbrain of awake rats. <i>Neuroscience</i> , 2007, 146, 515-524.	1.1	15
44	Inhibitory Gating of Single Unit Activity in Amygdala: Effects of Ketamine, Haloperidol, or Nicotine. <i>Biological Psychiatry</i> , 2007, 61, 880-889.	0.7	21
45	Auditory inhibitory gating in medial prefrontal cortex: Single unit and local field potential analysis. <i>Neuroscience</i> , 2006, 141, 47-65.	1.1	42
46	Auditory inhibitory gating in the amygdala: Single-unit analysis in the behaving rat. <i>Brain Research</i> , 2005, 1043, 12-23.	1.1	34
47	Relative reward processing in primate striatum. <i>Experimental Brain Research</i> , 2005, 162, 520-525.	0.7	111
48	The Role of the Basal Ganglia in the Expression of Stereotyped, Self-Injurious Behaviors in Developmental Disorders. <i>International Review of Research in Mental Retardation</i> , 2004, 29, 119-158.	0.7	5
49	Effects of Expectations for Different Reward Magnitudes on Neuronal Activity in Primate Striatum. <i>Journal of Neurophysiology</i> , 2003, 89, 2823-2838.	0.9	301
50	Influence of Expectation of Different Rewards on Behavior-Related Neuronal Activity in the Striatum. <i>Journal of Neurophysiology</i> , 2001, 85, 2477-2489.	0.9	222
51	Effect of the Noncompetitive NMDA Antagonists MK-801 and Ketamine on the Spastic Han-Wistar Mutant: A Rat Model of Excitotoxicity. <i>Developmental Neuroscience</i> , 2001, 23, 31-40.	1.0	24
52	Behavioral reactions reflecting differential reward expectations in monkeys. <i>Experimental Brain Research</i> , 2001, 140, 511-518.	0.7	108
53	Cortical Damage Enhances Pemoline-Induced Self-Injurious Behavior in Prepubertal Rats. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 62, 223-227.	1.3	25
54	Acetylcholine receptor activation enhances NMDA-mediated responses in the rat neostriatum. <i>Neurophysiologie Clinique</i> , 1999, 29, 482-489.	1.0	5

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55	Electrophysiological and Morphological Analyses of Cortical Neurons Obtained from Children with Catastrophic Epilepsy: Dopamine Receptor Modulation of Glutamatergic Responses. <i>Developmental Neuroscience</i> , 1999, 21, 223-235.	1.0	42
56	Action sequencing is impaired in D1A-deficient mutant mice. <i>European Journal of Neuroscience</i> , 1998, 10, 2426-2432.	1.2	75
57	Dopaminergic and Glutamatergic Interactions in the Expression of Self-Injurious Behavior. <i>Developmental Neuroscience</i> , 1998, 20, 180-187.	1.0	25
58	Pemoline Alters Dopamine Modulation of Synaptic Responses of Neostriatal Neurons in vitro. <i>Developmental Neuroscience</i> , 1997, 19, 497-504.	1.0	18
59	Haloperidol Decreases Hyperkinetic Paw Treading Induced by Globus Pallidus Lesions in the Rat. <i>Experimental Neurology</i> , 1997, 145, 288-294.	2.0	4
60	Neocortical damage alters synaptic responses of neostriatal neurons in vitro. <i>Neuroscience</i> , 1996, 75, 361-372.	1.1	9
61	Pemoline produces ipsilateral turning behavior in unilateral 6-OHDA-lesioned rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1996, 20, 503-514.	2.5	7
62	Implementation of Action Sequences by a Neostriatal Site: A Lesion Mapping Study of Grooming Syntax. <i>Journal of Neuroscience</i> , 1996, 16, 3444-3458.	1.7	219
63	Modulatory Actions of Dopamine on NMDA Receptor-Mediated Responses Are Reduced in D1A-Deficient Mutant Mice. <i>Journal of Neuroscience</i> , 1996, 16, 5870-5882.	1.7	158
64	Neuromodulatory actions of dopamine on synaptically-evoked neostriatal responses in slices. , 1996, 24, 60-64.		96
65	Neuromodulatory actions of dopamine on synaptically-evoked neostriatal responses in slices. <i>Synapse</i> , 1996, 24, 65-78.	0.6	150
66	Decortication decreases paired-pulse facilitation in the neostriatal slice of the rat. <i>Neuroscience Letters</i> , 1995, 192, 213-217.	1.0	17
67	Mapping of globus pallidus and ventral pallidum lesions that produce hyperkinetic treading. <i>Brain Research</i> , 1994, 668, 16-29.	1.1	26
68	Where does damage lead to enhanced food aversion: the ventral pallidum/substantia innominata or lateral hypothalamus?. <i>Brain Research</i> , 1994, 642, 355.	1.1	1
69	Where does damage lead to enhanced food aversion: the ventral pallidum/substantia innominata or lateral hypothalamus?. <i>Brain Research</i> , 1993, 624, 1-10.	1.1	193
70	Motivational-sensorimotor interaction controls aphagia and exaggerated treading after striatopallidal lesions.. <i>Behavioral Neuroscience</i> , 1990, 104, 778-795.	0.6	36
71	Motivational^sensorimotor interaction controls aphagia and exaggerated treading after striatopallidal lesions.. <i>Behavioral Neuroscience</i> , 1990, 104, 778-795.	0.6	18
72	Striatal implementation of action sequences and more: grooming chains, inhibitory gating, and the relative reward effect. , 0, , 156-183.		3