

J Patrick Card

List of Publications by Year in descending order

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68
papers

6,053
citations

70961

41
h-index

138251

58
g-index

69
all docs

69
docs citations

69
times ranked

4320
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of β -amyloid precursor protein in reactive astrocytes following neuronal damage. <i>Neuron</i> , 1989, 3, 275-285.	3.8	359
2	The retinohypothalamic tract originates from a distinct subset of retinal ganglion cells. <i>Journal of Comparative Neurology</i> , 1995, 352, 351-366.	0.9	317
3	Organization of lateral geniculate-hypothalamic connections in the rat. <i>Journal of Comparative Neurology</i> , 1989, 284, 135-147.	0.9	288
4	Ventral lateral geniculate nucleus efferents to the rat suprachiasmatic nucleus exhibit avian pancreatic polypeptide-like immunoreactivity. <i>Journal of Comparative Neurology</i> , 1982, 206, 390-396.	0.9	281
5	Anatomical substrates for the central control of sympathetic outflow to interscapular adipose tissue during cold exposure. <i>Journal of Comparative Neurology</i> , 2003, 460, 303-326.	0.9	276
6	Intergeniculate leaflet: An anatomically and functionally distinct subdivision of the lateral geniculate complex. <i>Journal of Comparative Neurology</i> , 1994, 344, 403-430.	0.9	267
7	Transneuronal Labeling of a Nociceptive Pathway, the Spino-(Trigemino-)Parabrachio-Amygdaloid, in the Rat. <i>Journal of Neuroscience</i> , 1997, 17, 3751-3765.	1.7	211
8	NADPH oxidase immunoreactivity in the mouse brain. <i>Brain Research</i> , 2003, 988, 193-198.	1.1	206
9	Characterization of the central nervous system innervation of the rat spleen using viral transneuronal tracing. <i>Journal of Comparative Neurology</i> , 2001, 439, 1-18.	0.9	203
10	Microglial activation precedes dopamine terminal pathology in methamphetamine-induced neurotoxicity. <i>Experimental Neurology</i> , 2004, 187, 47-57.	2.0	179
11	Identical immunoreactivity of afferents to the rat suprachiasmatic nucleus with antisera against avian pancreatic polypeptide, molluscan cardioexcitatory peptide and neuropeptide Y. <i>Cell and Tissue Research</i> , 1984, 236, 41-46.	1.5	171
12	Transneuronal labeling of neurons in the adult rat brainstem and spinal cord after injection of pseudorabies virus into the urethra. <i>Journal of Comparative Neurology</i> , 1995, 355, 629-640.	0.9	170
13	Interconnected Parallel Circuits between Rat Nucleus Accumbens and Thalamus Revealed by Retrograde Transynaptic Transport of Pseudorabies Virus. <i>Journal of Neuroscience</i> , 1997, 17, 2143-2167.	1.7	163
14	Comparative Anatomy of the Mammalian Hypothalamic Suprachiasmatic Nucleus. <i>Journal of Biological Rhythms</i> , 1988, 3, 71-91.	1.4	162
15	Immunocytochemical localization of the precursor protein for β -amyloid in the rat central nervous system. <i>Neuron</i> , 1988, 1, 835-846.	3.8	161
16	Efferent projections of rat rostroventrolateral medulla C1 catecholamine neurons: Implications for the central control of cardiovascular regulation. <i>Journal of Comparative Neurology</i> , 2006, 499, 840-859.	0.9	155
17	Visual Pathways and the Entrainment of Circadian Rhythms. <i>Annals of the New York Academy of Sciences</i> , 1985, 453, 123-133.	1.8	152
18	Dopamine Terminals in the Rat Prefrontal Cortex Synapse on Pyramidal Cells that Project to the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 1999, 19, 11049-11060.	1.7	147

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19	Numerous GABAergic Afferents to Locus Ceruleus in the Pericerulear Dendritic Zone: Possible Interneuronal Pool. <i>Journal of Neuroscience</i> , 2004, 24, 2313-2321.	1.7	137
20	Localization of vasopressin-, vasoactive intestinal polypeptide-, peptide histidine isoleucine-and somatostatin-mRNA in rat suprachiasmatic nucleus. <i>Cell and Tissue Research</i> , 1988, 252, 307-315.	1.5	110
21	Dual viral transneuronal tracing of central autonomic circuits involved in the innervation of the two kidneys in rat. <i>Journal of Comparative Neurology</i> , 2004, 471, 462-481.	0.9	102
22	Progressive Postnatal Assembly of Limbic Autonomic Circuits Revealed by Central Transneuronal Transport of Pseudorabies Virus. <i>Journal of Neuroscience</i> , 2000, 20, 2731-2741.	1.7	99
23	Experimental Biology 2000 Symposium on Differential Control of Sympathetic Outflow NEUROANATOMICAL SPECIFICITY OF THE CIRCUITS CONTROLLING SYMPATHETIC OUTFLOW TO DIFFERENT TARGETS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001, 28, 115-119.	0.9	93
24	Neuronal localization of prosomatostatin mRNA in the rat brain with in situ hybridization histochemistry. <i>Journal of Comparative Neurology</i> , 1988, 273, 558-572.	0.9	91
25	Early Experience Modifies the Postnatal Assembly of Autonomic Emotional Motor Circuits in Rats. <i>Journal of Neuroscience</i> , 2005, 25, 9102-9111.	1.7	89
26	Transneuronal Circuit Analysis With Pseudorabies Viruses. <i>Current Protocols in Neuroscience</i> , 1999, 9, Unit1.5.	2.6	84
27	Neuroinvasiveness of pseudorabies virus injected intracerebrally is dependent on viral concentration and terminal field density. , 1999, 407, 438-452.		83
28	Neuropeptide Y localization in the rat amygdaloid complex. <i>Journal of Comparative Neurology</i> , 1986, 251, 349-362.	0.9	77
29	Transneuronal Circuit Analysis with Pseudorabies Viruses. <i>Current Protocols in Neuroscience</i> , 2014, 68, 1.5.1-39.	2.6	75
30	Circuit-Specific Coinfection of Neurons in the Rat Central Nervous System with Two Pseudorabies Virus Recombinants. <i>Journal of Virology</i> , 1999, 73, 9521-9531.	1.5	73
31	Immunohistochemical localization of avian pancreatic polypeptide-like immunoreactivity in the rat hypothalamus. <i>Journal of Comparative Neurology</i> , 1983, 217, 123-136.	0.9	71
32	Different Patterns of Neuronal Infection after Intracerebral Injection of Two Strains of Pseudorabies Virus. <i>Journal of Virology</i> , 1998, 72, 4434-4441.	1.5	69
33	Recent advances in the use of neurotropic viruses for circuit analysis. <i>Current Opinion in Neurobiology</i> , 2003, 13, 603-606.	2.0	66
34	Microdissection of neural networks by conditional reporter expression from a Brainbow herpesvirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3377-3382.	3.3	64
35	Reactions of oligodendrocyte precursor cells to alpha herpesvirus infection of the central nervous system. <i>Glia</i> , 1998, 23, 316-328.	2.5	62
36	The neuroinvasive profiles of H129 (herpes simplex virus type 1) recombinants with putative anterograde-only transneuronal spread properties. <i>Brain Structure and Function</i> , 2015, 220, 1395-1420.	1.2	58

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37	Light-Dependent Induction of cFos during Subjective Day and Night in PACAP-Containing Ganglion Cells of the Retinohypothalamic Tract. <i>Journal of Biological Rhythms</i> , 2001, 16, 457-470.	1.4	57
38	Influence of infectious dose upon productive replication and transynaptic passage of pseudorabies virus in rat central nervous system. <i>Journal of NeuroVirology</i> , 1995, 1, 349-358.	1.0	53
39	Large Amplitude Miniature Excitatory Postsynaptic Currents in Hippocampal CA3 Pyramidal Neurons Are of Mossy Fiber Origin. <i>Journal of Neurophysiology</i> , 1997, 77, 1075-1086.	0.9	52
40	A Dual Infection Pseudorabies Virus Conditional Reporter Approach to Identify Projections to Collateralized Neurons in Complex Neural Circuits. <i>PLoS ONE</i> , 2011, 6, e21141.	1.1	50
41	Exploring brain circuitry with neurotropic viruses: New horizons in neuroanatomy. <i>The Anatomical Record</i> , 1998, 253, 176-185.	2.3	46
42	The motor trigeminal nucleus of the rat: Analysis of neuronal structure and the synaptic organization of noradrenergic afferents. <i>Journal of Comparative Neurology</i> , 1986, 250, 469-484.	0.9	43
43	Neuropeptide Y in the Circadian Timing System. <i>Annals of the New York Academy of Sciences</i> , 1990, 611, 247-257.	1.8	34
44	Quantitative morphometry of electrophysiologically identified CA3b interneurons reveals robust local geometry and distinct cell classes. <i>Journal of Comparative Neurology</i> , 2009, 515, 677-695.	0.9	33
45	Pseudorabies Virus and the Functional Architecture of the Circadian Timing System. <i>Journal of Biological Rhythms</i> , 2000, 15, 453-461.	1.4	29
46	Critical Involvement of Postsynaptic Protein Kinase Activation in Long-Term Potentiation at Hippocampal Mossy Fiber Synapses on CA3 Interneurons. <i>Journal of Neuroscience</i> , 2010, 30, 2844-2855.	1.7	29
47	Coincidence detection of convergent perforant path and mossy fibre inputs by CA3 interneurons. <i>Journal of Physiology</i> , 2008, 586, 2695-2712.	1.3	27
48	GLP-1 neurons form a local synaptic circuit within the rodent nucleus of the solitary tract. <i>Journal of Comparative Neurology</i> , 2018, 526, 2149-2164.	0.9	27
49	Differential tropism of pseudorabies virus for sensory neurons in the cat. <i>Journal of NeuroVirology</i> , 1997, 3, 49-61.	1.0	25
50	Plastic Reorganization of Hippocampal and Neocortical Circuitry in Experimental Traumatic Brain Injury in the Immature Rat. <i>Journal of Neurotrauma</i> , 2005, 22, 989-1002.	1.7	25
51	Ciliopathy Is Differentially Distributed in the Brain of a Bardet-Biedl Syndrome Mouse Model. <i>PLoS ONE</i> , 2014, 9, e93484.	1.1	25
52	Traumatic brain injury alters long-term hippocampal neuron morphology in juvenile, but not immature, rats. <i>Child's Nervous System</i> , 2014, 30, 1333-1342.	0.6	23
53	Pseudorabies Virus-Induced Leukocyte Trafficking into the Rat Central Nervous System. <i>Journal of Virology</i> , 1998, 72, 9181-9191.	1.5	23
54	Distribution and phenotype of Phox2b-containing neurons in the adult sprague-dawley rat. <i>Journal of Comparative Neurology</i> , 2010, 518, 2202-2220.	0.9	22

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55	Defensive Perimeter in the Central Nervous System: Predominance of Astrocytes and Astrogliosis during Recovery from Varicella-Zoster Virus Encephalitis. <i>Journal of Virology</i> , 2016, 90, 379-391.	1.5	13
56	Use and Visualization of Neuroanatomical Viral Transneuronal Tracers. <i>Neuromethods</i> , 2012, , 225-268.	0.2	10
57	Pseudorabies virus-induced expression of nitric oxide synthase isoforms. <i>Physiology and Behavior</i> , 2002, 77, 557-563.	1.0	9
58	The Hypothalamus. , 2013, , 717-727.		9
59	Characterization of the neuroinvasive profile of a pseudorabies virus recombinant expressing the mTurquoise2 reporter in single and multiple injection experiments. <i>Journal of Neuroscience Methods</i> , 2018, 308, 228-239.	1.3	9
60	New horizons for future research â€œ Critical issues to consider for maximizing research excellence and impact. <i>Molecular Metabolism</i> , 2018, 14, 53-59.	3.0	3
61	Reactions of oligodendrocyte precursor cells to alpha herpesvirus infection of the central nervous system. , 1998, 23, 316.		3
62	Anatomy of the Mammalian Circadian Timekeeping System. , 1998, , .		1
63	The Ne System as a Target for Hypocretin Neurons. , 2005, , 137-152.		0
64	Anterograde Tracing of A1 and A5 Efferents Using Phenotypically Restricted Lentivirus Vector Mediated Reporter Gene Expression. <i>FASEB Journal</i> , 2007, 21, A474.	0.2	0
65	Catecholamine Afferents to the Marginal Layer of Rat Medulla. <i>FASEB Journal</i> , 2007, 21, A469.	0.2	0
66	Origin of Catecholamine Afferents to Rat Rostral Ventrolateral Medulla (RVLM). <i>FASEB Journal</i> , 2007, 21, A474.	0.2	0
67	Central organization of sympathetic pathways controlling kidney or spleen revealed by transneuronal retrograde labeling with isogenic strains of pseudorabies virus. <i>FASEB Journal</i> , 2010, 24, 1050.5.	0.2	0
68	Common and targetâ€specific populations of CNS neurons control sympathetic outflow to bone marrow and spleen. <i>FASEB Journal</i> , 2011, 25, 1075.20.	0.2	0