

Peregrine B Osborne

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,360
citations

218662

26
h-index

206102

48
g-index

82
all docs

82
docs citations

82
times ranked

2109
citing authors

#	ARTICLE	IF	CITATIONS
1	Heteropolymeric potassium channels expressed in xenopus oocytes from cloned subunits. <i>Neuron</i> , 1990, 4, 405-411.	8.1	239
2	Opioid actions on single nucleus raphe magnus neurons from rat and guinea-pig in vitro.. <i>Journal of Physiology</i> , 1990, 427, 519-532.	2.9	182
3	Opioid Agonists Have Different Efficacy Profiles for G Protein Activation, Rapid Desensitization, and Endocytosis of Mu-opioid Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 18776-18784.	3.4	142
4	Interaction between tetraethylammonium and amino acid residues in the pore of cloned voltage-dependent potassium channels.. <i>Journal of Biological Chemistry</i> , 1991, 266, 7583-7587.	3.4	139
5	Where is the locus in opioid withdrawal?. <i>Trends in Pharmacological Sciences</i> , 1997, 18, 134-140.	8.7	122
6	Opioid inhibition of rat periaqueductal grey neurones with identified projections to rostral ventromedial medulla in vitro.. <i>Journal of Physiology</i> , 1996, 490, 383-389.	2.9	118
7	Coexpression of prodynorphin and corticotrophinâ€releasing hormone in the rat central amygdala: Evidence of two distinct endogenous opioid systems in the lateral division. <i>Journal of Comparative Neurology</i> , 2007, 504, 702-715.	1.6	112
8	Characterization of neurons in the rat central nucleus of the amygdala: Cellular physiology, morphology, and opioid sensitivity. <i>Journal of Comparative Neurology</i> , 2006, 497, 910-927.	1.6	110
9	Î¼ ⁴ -Opioid receptor desensitization: Is morphine different?. <i>British Journal of Pharmacology</i> , 2004, 143, 685-696.	5.4	99
10	17Î²-Estradiol Activates Estrogen Receptor Î²-Signalling and Inhibits Transient Receptor Potential Vanilloid Receptor 1 Activation by Capsaicin in Adult Rat Nociceptor Neurons. <i>Endocrinology</i> , 2008, 149, 5540-5548.	2.8	75
11	Characterization and functional expression of a rat genomic DNA clone encoding a lymphocyte potassium channel. <i>Journal of Immunology</i> , 1990, 144, 4841-50.	0.8	72
12	Localization of immunoreactivity for Deleted in Colorectal Cancer (DCC), the receptor for the guidance factor netrin-1, in ventral tier dopamine projection pathways in adult rodents. <i>Neuroscience</i> , 2005, 131, 671-681.	2.3	69
13	Electrophysiological Properties of Cholinergic and Noncholinergic Neurons in the Ventral Pallidal Region of the Nucleus Basalis in Rat Brain Slices. <i>Journal of Neurophysiology</i> , 2000, 83, 2649-2660.	1.8	55
14	Characterization and Functional Expression of Genomic DNA Encoding the Human Lymphocyte Type 1 Potassium Channel. <i>DNA and Cell Biology</i> , 1992, 11, 163-172.	1.9	52
15	Characterization of acute homologous desensitization of Î¼ ⁴ opioid receptorâ€induced currents in locus coeruleus neurones. <i>British Journal of Pharmacology</i> , 1995, 115, 925-932.	5.4	50
16	Galanin-like immunoreactivity in sympathetic and parasympathetic neurons of the toad <i>Bufo marinus</i> . <i>Neuroscience Letters</i> , 1989, 102, 142-148.	2.1	48
17	A Novel Small Molecule GDNF Receptor RET Agonist, BT13, Promotes Neurite Growth from Sensory Neurons in Vitro and Attenuates Experimental Neuropathy in the Rat. <i>Frontiers in Pharmacology</i> , 2017, 8, 365.	3.5	45
18	Above-level mechanical hyperalgesia in rats develops after incomplete spinal cord injury but not after cord transection, and is reversed by amitriptyline, morphine and gabapentin. <i>Pain</i> , 2010, 151, 184-193.	4.2	37

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19	Opposing Electrophysiological Actions of 5-HT on Noncholinergic and Cholinergic Neurons in the Rat Ventral Pallidum In Vitro. <i>Journal of Neurophysiology</i> , 2004, 92, 433-443.	1.8	36
20	Expression of mRNA and functional alpha1 -adrenoceptors that suppress the GIRK conductance in adult rat locus coeruleus neurons. <i>British Journal of Pharmacology</i> , 2002, 135, 226-232.	5.4	29
21	Acute and chronic changes in dorsal horn innervation by primary afferents and descending supraspinal pathways after spinal cord injury. <i>Journal of Comparative Neurology</i> , 2007, 504, 238-253.	1.6	29
22	Developing a functional urinary bladder: a neuronal context. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 53.	3.7	29
23	Morphine-6 β -glucuronide has a higher efficacy than morphine as a mu-opioid receptor agonist in the rat locus coeruleus. <i>British Journal of Pharmacology</i> , 2000, 131, 1422-1428.	5.4	27
24	Effect of naloxone-precipitated morphine withdrawal on c-fos expression in rat corticotropin-releasing hormone neurons in the paraventricular hypothalamus and extended amygdala. <i>Neuroscience Letters</i> , 2004, 362, 39-43.	2.1	27
25	Spinal cord compression injury in adult rats initiates changes in dorsal horn remodeling that may correlate with development of neuropathic pain. <i>Journal of Comparative Neurology</i> , 2009, 513, 668-684.	1.6	27
26	Sciatic nerve injury in adult rats causes distinct changes in the central projections of sensory neurons expressing different glial cell line-derived neurotrophic factor family receptors. <i>Journal of Comparative Neurology</i> , 2010, 518, 3024-3045.	1.6	27
27	Postnatal Maturation Changes in Rat Pelvic Autonomic Ganglion Cells: A Mixture of Steroid-Dependent and -Independent Effects. <i>Journal of Neurophysiology</i> , 2003, 89, 315-323.	1.8	26
28	Forskolin enhancement of opioid currents in rat locus coeruleus neurons. <i>Journal of Neurophysiology</i> , 1996, 76, 1559-1565.	1.8	25
29	A pharmacological and immunohistochemical study of the splanchnic innervation of ileal longitudinal muscle in the toad <i>Bufo marinus</i> . <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1986, 334, 210-217.	3.0	24
30	Peripheral withdrawal recruits distinct central nuclei in morphine-dependent rats. <i>Neuropharmacology</i> , 2001, 41, 574-581.	4.1	23
31	Characterization of axons expressing the artemin receptor in the female rat urinary bladder: A comparison with other major neuronal populations. <i>Journal of Comparative Neurology</i> , 2014, 522, 3900-3927.	1.6	22
32	Characterization of bladder sensory neurons in the context of myelination, receptors for pain modulators, and acute responses to bladder inflammation. <i>Frontiers in Neuroscience</i> , 2013, 7, 206.	2.8	20
33	Transmitter regulation of voltage-dependent K ⁺ channels expressed in <i>Xenopus</i> oocytes. <i>Biochemical Journal</i> , 1991, 277, 899-902.	3.7	19
34	Induction of c-Fos and zif268 in the nociceptive amygdala parallel abstinence hyperalgesia in rats briefly exposed to morphine. <i>Neuropharmacology</i> , 2007, 53, 330-343.	4.1	19
35	Identification of a Sacral, Visceral Sensory Transcriptome in Embryonic and Adult Mice. <i>ENeuro</i> , 2020, 7, ENEURO.0397-19.2019.	1.9	19
36	Corneal tissue-resident memory T cells form a unique immune compartment at the ocular surface. <i>Cell Reports</i> , 2022, 39, 110852.	6.4	19

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37	Dissection of peripheral and central endogenous opioid modulation of systemic interleukin-1 ^β responses using c-expression in the rat brain. <i>Neuropharmacology</i> , 2005, 49, 230-242.	4.1	17
38	Neurite outgrowth in normal and injured primary sensory neurons reveals different regulation by nerve growth factor (NGF) and artemin. <i>Molecular and Cellular Neurosciences</i> , 2015, 65, 125-134.	2.2	17
39	Discovering the pharmacodynamics of conolidine and cannabidiol using a cultured neuronal network based workflow. <i>Scientific Reports</i> , 2019, 9, 121.	3.3	14
40	Co-Cultures Provide a New Tool to Probe Communication Between Adult Sensory Neurons and Urothelium. <i>Journal of Urology</i> , 2013, 190, 737-745.	0.4	12
41	Computational modelling of nerve stimulation and recording with peripheral visceral neural interfaces. <i>Journal of Neural Engineering</i> , 2021, 18, 066020.	3.5	11
42	Peripheral injury of pelvic visceral sensory nerves alters GFR α (GDNF family receptor alpha) localization in sensory and autonomic pathways of the sacral spinal cord. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 43.	1.7	10
43	Electrophysiological Properties of Anatomically Identified Ventral Pallidal Neurons in Rat Brain Slices. <i>Annals of the New York Academy of Sciences</i> , 1999, 877, 691-694.	3.8	9
44	Induction of Fos proteins in regions of the nucleus accumbens and ventrolateral striatum correlates with catalepsy and stereotypic behaviours induced by morphine. <i>Neuropharmacology</i> , 2009, 56, 798-807.	4.1	7
45	The distribution and colocalization of neuropeptides and 5-hydroxytryptamine in pelvic nerves supplying the posterior large intestine of the toad, <i>Bufo marinus</i> . <i>Cell and Tissue Research</i> , 1993, 274, 105-114.	2.9	6
46	Functional segregation within the pelvic nerve of male rats: a meso- and microscopic analysis. <i>Journal of Anatomy</i> , 2020, 237, 757-773.	1.5	6
47	Co-localization of calcitonin gene-related peptide- and substance P-like immunoreactivity in mucosal intra-epithelial nerves in the toad colon. <i>Neuroscience Letters</i> , 1990, 116, 7-11.	2.1	5
48	Functional coupling of β -receptor-Gi-tethered proteins in AtT20 cells. <i>NeuroReport</i> , 2008, 19, 1793-1796.	1.2	4
49	Axonal Injury Induces ATF3 in Specific Populations of Sacral Preganglionic Neurons in Male Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 766.	2.8	4
50	Sex differences in Fos and EGR1/Zif268 activity maps of rat sacral spinal cord following cystometry-induced micturition. <i>Journal of Comparative Neurology</i> , 2021, 529, 311-326.	1.6	4
51	Stimulating bioelectronic medicine discovery for urological disorders. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F1133-F1135.	2.7	3
52	Recording of Electrically Evoked Neural Activity and Bladder Pressure Responses in Awake Rats Chronically Implanted With a Pelvic Nerve Array. <i>Frontiers in Neuroscience</i> , 2020, 14, 619275.	2.8	3
53	Regional Targeting of Bladder and Urethra Afferents in the Lumbosacral Spinal Cord of Male and Female Rats: A Multiscale Analysis. <i>ENeuro</i> , 2021, 8, ENEURO.0364-21.2021.	1.9	2
54	Simulating bidirectional peripheral neural interfaces in EIDORS. , 2020, 2020, 2934-2937.		1

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55	Tetrahydro-9-aminoacridine has mixed actions on muscarinic currents and blocks opioid currents in rat locus ceruleus neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1996, 276, 137-42.	2.5	1
56	Distribution of substance P in the enteric plexuses of the small intestine of the platypus, <i>Ornithorhynchm anatinus</i> . <i>Cell and Tissue Research</i> , 1989, 255, 663-7.	2.9	0
57	Estrogen reduces TRPV1 but not ATP currents in adult female rat lumbo-sacral nociceptive neurons. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2007, 135, 87-88.	2.8	0
58	Autonomic Nervous System and Male Reproduction. , 2018, , 429-435.		0
59	Opioid Electrophysiology in PAG. , 2013, , 2419-2424.		0
60	SPARC: Minimally Invasive Recording of Neural Activity During Natural Voiding in Anaesthetized Rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
61	Opioid Electrophysiology in PAG. , 2007, , 1532-1534.		0