J-F Bouchard

List of Publications by Year
in descending order

67 papers	2,607 citations	230014 27 h-index	232693 48 g-index
69 all docs	69 docs citations	69 times ranked	4033 citing authors

#	Article	IF	Citations
1	Presence of the Endocannabinoid System in the Inferior Pulvinar of the Vervet Monkey. Brain Sciences, 2021, 11, 770.	1.1	2
2	Participation of L-Lactate and Its Receptor HCAR1/GPR81 in Neurovisual Development. Cells, 2021, 10, 1640.	1.8	17
3	AAV-mediated PEX1 gene augmentation improves visual function in the PEX1-Gly844Asp mouse model for mild Zellweger spectrum disorder. Molecular Therapy - Methods and Clinical Development, 2021, 23, 225-240.	1.8	9
4	The Inhibition of the Degrading Enzyme Fatty Acid Amide Hydrolase Alters the Activity of the Cone System in the Vervet Monkey Retina. Brain Sciences, 2021, 11, 1418.	1.1	0
5	The Vertical and Horizontal Pathways in the Monkey Retina Are Modulated by Typical and Atypical Cannabinoid Receptors. Cells, 2021, 10, 3160.	1.8	4
6	The Retina: A Window into the Brain. Cells, 2021, 10, 3269.	1.8	14
7	Transient receptor potential vanilloid type 1 is expressed in the horizontal pathway of the vervet monkey retina. Scientific Reports, 2020, 10, 12116.	1.6	11
8	Cannabinoids affect the mouse visual acuity via the cannabinoid receptor type 2. Scientific Reports, 2020, 10, 15819.	1.6	11
9	A longitudinal study of retinopathy in the PEX1-Gly844Asp mouse model for mild Zellweger Spectrum Disorder. Experimental Eye Research, 2019, 186, 107713.	1.2	19
10	Chitosan hydrogel micro-bio-devices with complex capillary patterns via reactive-diffusive self-assembly. Acta Biomaterialia, 2019, 99, 211-219.	4.1	7
11	Immunometabolic modulation of retinal inflammation by CD36 ligand. Scientific Reports, 2019, 9, 12903.	1.6	16
12	A novel GPR55-mediated satiety signal in the oval Bed Nucleus of the Stria Terminalis. Neuropsychopharmacology, 2019, 44, 1274-1283.	2.8	4
13	Estradiol potentiates inhibitory synaptic transmission in the oval bed nucleus of the striaterminalis of male and female rats. Psychoneuroendocrinology, 2019, 106, 102-110.	1.3	9
14	Shelf Life and Efficacy of Diagnostic Eye Drops. Optometry and Vision Science, 2018, 95, 947-952.	0.6	4
15	Retinal structure and function in monkeys with fetal alcohol exposure. Experimental Eye Research, 2018, 177, 55-64.	1.2	10
16	Receptors of intermediates of carbohydrate metabolism, GPR91 and GPR99, mediate axon growth. PLoS Biology, 2018, 16, e2003619.	2.6	17
17	Antenatal IL-1-dependent inflammation persists postnatally and causes retinal and sub-retinal vasculopathy in progeny. Scientific Reports, 2018, 8, 11875.	1.6	26
18	Expression and localization of CB1R, NAPE-PLD, and FAAH in the vervet monkey nucleus accumbens. Scientific Reports, 2018, 8, 8689.	1.6	9

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19	The use of transdermal scopolamine to solve methodological issues raised by gender differences in susceptibility to simulator sickness. Transportation Research Part F: Traffic Psychology and Behaviour, 2017, 47, 42-58.	1.8	6
20	Enhancing data visualisation to capture the simulator sickness phenomenon: On the usefulness of radar charts. Data in Brief, 2017, 13, 301-305.	0.5	11
21	Effects of Prenatal Alcohol Exposure on the Visual System of Monkeys Measured at Different Stages of Development. , 2017, 58, 6282.		2
22	Retinal Cannabinoids â˜†. , 2017, , .		1
23	Expression and Function of the Endocannabinoid System in the Retina and the Visual Brain. Neural Plasticity, 2016, 2016, 1-14.	1.0	30
24	A Comparative Analysis of the Endocannabinoid System in the Retina of Mice, Tree Shrews, and Monkeys. Neural Plasticity, 2016, 2016, 1-13.	1.0	18
25	Cannabinoid Receptors CB1 and CB2 Modulate the Electroretinographic Waves in Vervet Monkeys. Neural Plasticity, 2016, 2016, 1-12.	1.0	16
26	Cannabinoids in the Brain: New Vistas on an Old Dilemma. Neural Plasticity, 2016, 2016, 1-3.	1.0	0
27	Scotopic vision in the monkey is modulated by the G protein-coupled receptor 55. Visual Neuroscience, 2016, 33, E006.	0.5	14
28	Impact of CB1 Receptor Deletion on Visual Responses and Organization of Primary Visual Cortex in Adult Mice. , 2015, 56, 7697.		11
29	The endocannabinoid system within the dorsal lateral geniculate nucleus of the vervet monkey. Neuroscience, 2015, 288, 135-144.	1.1	15
30	Role of GPR55 during Axon Growth and Target Innervation. ENeuro, 2015, 2, ENEURO.0011-15.2015.	0.9	43
31	Localization of diacylglycerol lipase alpha and monoacylglycerol lipase during postnatal development of the rat retina. Frontiers in Neuroanatomy, 2014, 8, 150.	0.9	15
32	Evaluation of the specificity of antibodies raised against cannabinoid receptor type 2 in the mouse retina. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 175-184.	1.4	62
33	Endocannabinoids decrease neuropathic pain-related behavior in mice through the activation of one or both peripheral CB1 and CB2 receptors. Neuropharmacology, 2014, 77, 441-452.	2.0	49
34	Involvement of cannabinoid receptors in peripheral and spinal morphine analgesia. Neuroscience, 2014, 261, 23-42.	1.1	44
35	Standardized Full-Field Electroretinography in the Green Monkey (Chlorocebus sabaeus). PLoS ONE, 2014, 9, e111569.	1.1	22
36	DCC Expression by Neurons Regulates Synaptic Plasticity in the Adult Brain. Cell Reports, 2013, 3, 173-185.	2.9	118

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37	Netrin-1 Promotes Excitatory Synaptogenesis between Cortical Neurons by Initiating Synapse Assembly. Journal of Neuroscience, 2013, 33, 17278-17289.	1.7	107
38	MÃ¼ller cells express the cannabinoid CB2 receptor in the vervet monkey retina. Journal of Comparative Neurology, 2013, 521, 2399-2415.	0.9	50
39	MÃ¼ller cells express the cannabinoid CB2 receptor in the vervet monkey retina. Journal of Comparative Neurology, 2013, 521, Spc1-Spc1.	0.9	0
40	Roles of Cannabinoid Receptors Type 1 and 2 on the Retinal Function of Adult Mice. , 2013, 54, 8079.		57
41	Cannabinoid Receptor CB2 Modulates Axon Guidance. PLoS ONE, 2013, 8, e70849.	1.1	57
42	Rod Photoreceptors Express GPR55 in the Adult Vervet Monkey Retina. PLoS ONE, 2013, 8, e81080.	1.1	28
43	Expression and localization of the cannabinoid receptor type 1 and the enzyme fatty acid amide hydrolase in the retina of vervet monkeys. Neuroscience, 2012, 202, 117-130.	1.1	38
44	Receptor protein tyrosine phosphatase sigma regulates synapse structure, function and plasticity. Journal of Neurochemistry, 2012, 122, 147-161.	2.1	52
45	Fatty acid amide hydrolase expression during retinal postnatal development in rats. Neuroscience, 2011, 195, 145-165.	1.1	16
46	Cannabinoid receptor type 1 expression during postnatal development of the rat retina. Journal of Comparative Neurology, 2011, 519, 1258-1280.	0.9	45
47	Concerted Action of CB1 Cannabinoid Receptor and Deleted in Colorectal Cancer in Axon Guidance. Journal of Neuroscience, 2011, 31, 1489-1499.	1.7	86
48	Effect of mechanical properties of hydrogel nanoparticles on macrophage cell uptake. Soft Matter, 2009, 5, 3984.	1.2	211
49	The Gateway to the Brain: Dissecting the Primate Eye. Journal of Visualized Experiments, 2009, , .	0.2	3
50	Depolarization recruits DCC to the plasma membrane of embryonic cortical neurons and enhances axon extension in response to netrinâ€1. Journal of Neurochemistry, 2008, 107, 398-417.	2.1	58
51	Selectins Ligand Decorated Drug Carriers for Activated Endothelial Cell Targeting. Bioconjugate Chemistry, 2008, 19, 2030-2039.	1.8	35
52	Methotrexate Loaded Polyether-Copolyester Dendrimers for the Treatment of Gliomas: Enhanced Efficacy and Intratumoral Transport Capability. Molecular Pharmaceutics, 2008, 5, 105-116.	2.3	211
53	Protein kinase A modulates retinal ganglion cell growth during development. Experimental Neurology, 2008, 211, 494-502.	2.0	13
54	Deleted in Colorectal Cancer Binding Netrin-1 Mediates Cell Substrate Adhesion and Recruits Cdc42, Rac1, Pak1, and N-WASP into an Intracellular Signaling Complex That Promotes Growth Cone Expansion. Journal of Neuroscience, 2005, 25, 3132-3141.	1.7	148

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55	Protein Kinase A Activation Promotes Plasma Membrane Insertion of DCC from an Intracellular Pool: A Novel Mechanism Regulating Commissural Axon Extension. Journal of Neuroscience, 2004, 24, 3040-3050.	1.7	121
56	Endocannabinoids protect the rat isolated heart against ischaemia. British Journal of Pharmacology, 2003, 139, 805-815.	2.7	103
57	Contribution of endocannabinoids in the endothelial protection afforded by ischemic preconditioning in the isolated rat heart. Life Sciences, 2003, 72, 1859-1870.	2.0	76
58	Effects of chronic N-acetylcysteine treatment on the actions of peroxynitrite on aortic vascular reactivity in hypertensive rats. Journal of Hypertension, 2001, 19, 1233-1244.	0.3	61
59	Effect of antioxidant treatments on nitrate tolerance development in normotensive and hypertensive rats. Journal of Hypertension, 2000, 18, 187-196.	0.3	27
60	Heat stress-induced protection of endothelial function against ischaemic injury is abolished by ATP-sensitive potassium channel blockade in the isolated rat heart. British Journal of Pharmacology, 2000, 130, 345-350.	2.7	20
61	Participation of prostaglandin E2 in the endothelial protective effect of ischaemic preconditioning in isolated rat heart. Cardiovascular Research, 2000, 45, 418-427.	1.8	38
62	Identification and Characterization of a New Growth Hormoneâ€“Releasing Peptide Receptor in the Heart. Circulation Research, 1999, 85, 796-802.	2.0	108
63	Modification of vasodilator response in streptozotocin-induced diabetic rat. Canadian Journal of Physiology and Pharmacology, 1999, 77, 980-985.	0.7	19
64	Mechanisms of Protection Afforded by Cyclooxygenase Inhibitors to Endothelial Function Against Ischemic Injury in Rat Isolated Hearts. Journal of Cardiovascular Pharmacology, 1999, 34, 755-763.	0.8	17
65	Role of kinins in the endothelial protective effect of ischaemic preconditioning. British Journal of Pharmacology, 1998, 123, 413-420.	2.7	54
66	Protection afforded by preconditioning to the diabetic heart against ischaemic injury. Cardiovascular Research, 1998, 37, 82-90.	1.8	32
67	Evidence that prostaglandins I2, E2, and D2 may activate ATP sensitive potassium channels in the isolated rat heart. Cardiovascular Research, 1994, 28, 901-905.	1.8	49