

Sebastien Talbot

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,937
citations

304743

22
h-index

265206

42
g-index

50
all docs

50
docs citations

50
times ranked

2895
citing authors

#	ARTICLE	IF	CITATIONS
1	Silencing Nociceptor Neurons Reduces Allergic Airway Inflammation. <i>Neuron</i> , 2015, 87, 341-354.	8.1	299
2	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , 2018, 563, 564-568.	27.8	174
3	Neuroimmunity: Physiology and Pathology. <i>Annual Review of Immunology</i> , 2016, 34, 421-447.	21.8	159
4	Substance P activates Mas-related G protein-coupled receptors to induce itch. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 447-453.e3.	2.9	131
5	Dual action of neurokinin-1 antagonists on Mas-related GPCRs. <i>JCI Insight</i> , 2016, 1, e89362.	5.0	125
6	Key role for spinal dorsal horn microglial kinin B1 receptor in early diabetic pain neuropathy. <i>Journal of Neuroinflammation</i> , 2010, 7, 36.	7.2	77
7	Kinin B1 Receptor Enhances the Oxidative Stress in a Rat Model of Insulin Resistance: Outcome in Hypertension, Allodynia and Metabolic Complications. <i>PLoS ONE</i> , 2010, 5, e12622.	2.5	57
8	Neurite Collapse and Altered ER Ca ²⁺ Control in Human Parkinson Disease Patient iPSC-Derived Neurons with LRRK2 G2019S Mutation. <i>Stem Cell Reports</i> , 2019, 12, 29-41.	4.8	57
9	Retinal plasma extravasation in streptozotocin-diabetic rats mediated by kinin B ₁ and B ₂ receptors. <i>British Journal of Pharmacology</i> , 2008, 154, 136-143.	5.4	56
10	Ocular Application of the Kinin B1 Receptor Antagonist LF22-0542 Inhibits Retinal Inflammation and Oxidative Stress in Streptozotocin-Diabetic Rats. <i>PLoS ONE</i> , 2012, 7, e33864.	2.5	55
11	Epineural optogenetic activation of nociceptors initiates and amplifies inflammation. <i>Nature Biotechnology</i> , 2021, 39, 179-185.	17.5	54
12	Sense and Immunity: Context-Dependent Neuro-Immune Interplay. <i>Frontiers in Immunology</i> , 2017, 8, 1463.	4.8	53
13	Blockade of sensory abnormalities and kinin B1 receptor expression by N-Acetyl-L-Cysteine and ramipril in a rat model of insulin resistance. <i>European Journal of Pharmacology</i> , 2008, 589, 66-72.	3.5	44
14	Effects of Alpha-Lipoic Acid on Oxidative Stress and Kinin Receptor Expression in Obese Zucker Diabetic Fatty Rats. <i>Journal of Diabetes & Metabolism</i> , 2015, 06, 1-7.	0.2	44
15	Activation of TRPV1 by capsaicin induces functional Kinin B1 receptor in rat spinal cord microglia. <i>Journal of Neuroinflammation</i> , 2012, 9, 16.	7.2	40
16	Neurons and Microglia; A Sickly-Sweet Duo in Diabetic Pain Neuropathy. <i>Frontiers in Neuroscience</i> , 2019, 13, 25.	2.8	38
17	Fc̳R1-expressing nociceptors trigger allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2330-2342.	2.9	36
18	Emerging role of microglial kinin B1 receptor in diabetic pain neuropathy. <i>Experimental Neurology</i> , 2012, 234, 373-381.	4.1	34

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19	Mechanism of cigarette smoke-induced kinin B1 receptor expression in rat airways. <i>Peptides</i> , 2010, 31, 1940-1945.	2.4	30
20	Cellular localization of kinin B1 receptor in the spinal cord of streptozotocin-diabetic rats with a fluorescent [N ¹ ±-Bodipy]-des-Arg ⁹ -bradykinin. <i>Journal of Neuroinflammation</i> , 2009, 6, 11.	7.2	29
21	Effects of Angiotensin-1 Converting Enzyme Inhibition on Oxidative Stress and Bradykinin Receptor Expression During Doxorubicin-induced Cardiomyopathy in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 52, 278-285.	1.9	26
22	Novel charged sodium and calcium channel inhibitor active against neurogenic inflammation. <i>ELife</i> , 2019, 8, .	6.0	26
23	Cigarette smoke-induced kinin B1 receptor promotes NADPH oxidase activity in cultured human alveolar epithelial cells. <i>Peptides</i> , 2011, 32, 1447-1456.	2.4	24
24	Neuro-Immunity Controls Obesity-Induced Pain. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 181.	2.0	24
25	GRPR/PI3K β : Partners in Central Transmission of Itch. <i>Journal of Neuroscience</i> , 2015, 35, 16272-16281.	3.6	23
26	Neuronal Circuits Modulate Antigen Flow Through Lymph Nodes. <i>Bioelectronic Medicine</i> , 2016, 3, 18-28.	2.3	23
27	CNS Injury: IL-33 Sounds the Alarm. <i>Immunity</i> , 2015, 42, 403-405.	14.3	19
28	Inhibition of inflammatory pain and cough by a novel charged sodium channel blocker. <i>British Journal of Pharmacology</i> , 2021, 178, 3905-3923.	5.4	19
29	Profiling of how nociceptor neurons detect danger “ new and old foes. <i>Journal of Internal Medicine</i> , 2019, 286, 268-289.	6.0	18
30	An ex vivo approach to the differential parenchymal responses induced by cigarette whole smoke and its vapor phase. <i>Toxicology</i> , 2012, 293, 125-131.	4.2	17
31	Vagal sensory neurons drive mucous cell metaplasia. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1693-1696.e4.	2.9	17
32	Activation of kinin B1 receptor evokes hyperthermia through a vagal sensory mechanism in the rat. <i>Journal of Neuroinflammation</i> , 2012, 9, 214.	7.2	14
33	Beneficial effects of kinin B1 receptor antagonism on plasma fatty acid alterations and obesity in Zucker diabetic fatty rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 752-757.	1.4	12
34	Engineering immunoproteasome-expressing mesenchymal stromal cells: A potent cellular vaccine for lymphoma and melanoma in mice. <i>Cell Reports Medicine</i> , 2021, 2, 100455.	6.5	12
35	Nociceptor neurons promote IgE class switch in B cells. <i>JCI Insight</i> , 2021, 6, .	5.0	11
36	Oxidative Stress: Neuropathy, Excitability, and Neurodegeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	4.0	10

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37	Promoting antigen escape from dendritic cell endosomes potentiates anti-tumoral immunity. <i>Cell Reports Medicine</i> , 2022, 3, 100534.	6.5	7
38	Brain kinin B1 receptor contributes to the onset of stereotypic nocifensive behavior in rat. <i>Behavioural Brain Research</i> , 2013, 241, 17-26.	2.2	6
39	Downregulation of MHC Class II by Ubiquitination Is Required for the Migration of CD206+ Dendritic Cells to Skin-Draining Lymph Nodes. <i>Journal of Immunology</i> , 2019, 203, 2887-2898.	0.8	5
40	Endogenous T Cell Receptor Rearrangement Represses Aggressive Central Nervous System Autoimmunity in a TcR-Transgenic Model on the Non-Obese Diabetic Background. <i>Frontiers in Immunology</i> , 2019, 10, 3115.	4.8	5
41	LSD1 Inhibition Enhances the Immunogenicity of Mesenchymal Stromal Cells by Eliciting a dsRNA Stress Response. <i>Cells</i> , 2022, 11, 1816.	4.1	4
42	A Novel Sulfonyl-Based Small Molecule Exhibiting Anti-cancer Properties. <i>Frontiers in Pharmacology</i> , 2020, 11, 237.	3.5	3
43	Advancing Lung Immunology Research: An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, e1-18.	2.9	3
44	Nanophotonics Enable Targeted Photothermal Silencing of Nociceptor Neurons. <i>Small</i> , 2022, 18, e2103364.	10.0	2
45	Anatomical differences in nociceptor neurons sensitivity. <i>Bioelectronic Medicine</i> , 2022, 8, 7.	2.3	2
46	Kinin Receptors. , 2013, , 1519-1526.		1
47	Analysis of Airway Vagal Neurons. <i>Methods in Molecular Biology</i> , 2022, , 297-314.	0.9	1
48	Airway nociceptor neurons detect allergens after sensitization. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-4-29.	0.0	0