

# Leanne Stokes

## List of Publications by Year in descending order

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53  
papers

2,448  
citations

257450

24  
h-index

197818

49  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3152  
citing authors

#	ARTICLE	IF	CITATIONS
1	The P2X7 Receptor Channel: Recent Developments and the Use of P2X7 Antagonists in Models of Disease. <i>Pharmacological Reviews</i> , 2014, 66, 638-675.	16.0	332
2	The human P2X7 receptor and its role in innate immunity. <i>Tissue Antigens</i> , 2011, 78, 321-332.	1.0	172
3	Two haplotypes of the P2X <sub>7</sub> receptor containing the Ala348 to Thr polymorphism exhibit a gain-of-function effect and enhanced interleukin-1 $\beta$ secretion. <i>FASEB Journal</i> , 2010, 24, 2916-2927.	0.5	155
4	P2X4 Receptor Function in the Nervous System and Current Breakthroughs in Pharmacology. <i>Frontiers in Pharmacology</i> , 2017, 8, 291.	3.5	125
5	Significance of P2X7 Receptor Variants to Human Health and Disease. <i>Recent Patents on DNA &amp; Gene Sequences</i> , 2011, 5, 41-54.	0.7	117
6	Characterization of a selective and potent antagonist of human P2X7 receptors, AZ11645373. <i>British Journal of Pharmacology</i> , 2006, 149, 880-887.	5.4	116
7	Genetics of the P2X7 receptor and human disease. <i>Purinergic Signalling</i> , 2009, 5, 257-262.	2.2	114
8	Inhibition of Neutrophil Apoptosis by ATP Is Mediated by the P2Y11 Receptor. <i>Journal of Immunology</i> , 2007, 179, 8544-8553.	0.8	106
9	Extracellular ATP dissociates nonmuscle myosin from P2X <sub>7</sub> complex: this dissociation regulates P2X <sub>7</sub> pore formation. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C430-C439.	4.6	79
10	Non-voltage-gated L-type Ca <sup>2+</sup> Channels in Human T Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 19566-19573.	3.4	65
11	Single-nucleotide polymorphisms in the P2X7 receptor gene are associated with post-menopausal bone loss and vertebral fractures. <i>European Journal of Human Genetics</i> , 2012, 20, 675-681.	2.8	63
12	Polymorphisms in the P2X7 receptor gene are associated with low lumbar spine bone mineral density and accelerated bone loss in post-menopausal women. <i>European Journal of Human Genetics</i> , 2012, 20, 559-564.	2.8	63
13	Probenecid Blocks Human P2X7 Receptor-Induced Dye Uptake via a Pannexin-1 Independent Mechanism. <i>PLoS ONE</i> , 2014, 9, e93058.	2.5	63
14	Neonatal overfeeding alters hypothalamic microglial profiles and central responses to immune challenge long-term. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 32-43.	4.1	63
15	P2X receptor characterization and IL-1/IL-1Ra release from human endothelial cells. <i>British Journal of Pharmacology</i> , 2007, 151, 96-108.	5.4	61
16	Calcium channels in lymphocytes. <i>Immunology</i> , 2001, 104, 119-126.	4.4	56
17	Dynamic regulation of the P2X <sub>4</sub> receptor in alveolar macrophages by phagocytosis and classical activation. <i>European Journal of Immunology</i> , 2009, 39, 986-995.	2.9	56
18	A Loss-of-Function Polymorphism in the Human P2X4 Receptor Is Associated With Increased Pulse Pressure. <i>Hypertension</i> , 2011, 58, 1086-1092.	2.7	52

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19	Purinergic P2Y2 Receptors Induce Increased MCP-1/CCL2 Synthesis and Release from Rat Alveolar and Peritoneal Macrophages. <i>Journal of Immunology</i> , 2007, 179, 6016-6023.	0.8	50
20	Understanding the role of P2X7 in affective disorders—are glial cells the major players?. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 258.	3.7	46
21	Selected ginsenosides of the protopanaxadiol series are novel positive allosteric modulators of P2X7 receptors. <i>British Journal of Pharmacology</i> , 2015, 172, 3326-3340.	5.4	39
22	A non-voltage-gated calcium channel with L-type characteristics activated by B cell receptor ligation. <i>Biochemical Pharmacology</i> , 2003, 66, 2001-2009.	4.4	34
23	Store-Operated Ca <sup>2+</sup> Entry (SOCE) and Purinergic Receptor-Mediated Ca <sup>2+</sup> Homeostasis in Murine bv2 Microglia Cells: Early Cellular Responses to ATP-Mediated Microglia Activation. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 111.	2.9	31
24	Pharmacological Evaluation of Novel Bioisosteres of an Adamantanyl Benzamide P2X <sub>7</sub> Receptor Antagonist. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2374-2380.	3.5	30
25	To Inhibit or Enhance? Is There a Benefit to Positive Allosteric Modulation of P2X Receptors?. <i>Frontiers in Pharmacology</i> , 2020, 11, 627.	3.5	30
26	Positive allosteric modulation of P2X7 promotes apoptotic cell death over lytic cell death responses in macrophages. <i>Cell Death and Disease</i> , 2019, 10, 882.	6.3	27
27	Paroxetine suppresses recombinant human P2X7 responses. <i>Purinergic Signalling</i> , 2015, 11, 481-490.	2.2	26
28	Ginsenosides Act As Positive Modulators of P2X4 Receptors. <i>Molecular Pharmacology</i> , 2019, 95, 210-221.	2.3	23
29	Bug Off Pain: An Educational Virtual Reality Game on Spider Venoms and Chronic Pain for Public Engagement. <i>Journal of Chemical Education</i> , 2019, 96, 1486-1490.	2.3	20
30	Rac1 plays a role in CXCL12 but not CCL3-induced chemotaxis and Rac1 GEF inhibitor NSC23766 has off target effects on CXCR4. <i>Cellular Signalling</i> , 2018, 42, 88-96.	3.6	19
31	Mapping a novel positive allosteric modulator binding site in the central vestibule region of human P2X7. <i>Scientific Reports</i> , 2019, 9, 3231.	3.3	19
32	Epistasis with HLA DR3 implicates the P2X7 receptor in the pathogenesis of primary Sjögren's syndrome. <i>Arthritis Research and Therapy</i> , 2013, 15, R71.	3.5	17
33	Rab5 regulates internalisation of P2X4 receptors and potentiation by ivermectin. <i>Purinergic Signalling</i> , 2013, 9, 113-121.	2.2	16
34	CAY10593 inhibits the human P2X7 receptor independently of phospholipase D1 stimulation. <i>Purinergic Signalling</i> , 2013, 9, 609-619.	2.2	15
35	R270C polymorphism leads to loss of function of the canine P2X7 receptor. <i>Physiological Genomics</i> , 2014, 46, 512-522.	2.3	15
36	Functional significance of P2RX7 polymorphisms associated with affective mood disorders. <i>Journal of Psychiatric Research</i> , 2010, 44, 1116-1117.	3.1	14

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37	Inhibition of the human P2X7 receptor by a novel protein tyrosine kinase antagonist. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 515-520.	2.1	13
38	Pharmacological and genetic characterisation of the canine P2X4 receptor. <i>British Journal of Pharmacology</i> , 2020, 177, 2812-2829.	5.4	11
39	Nucleotides Regulate Secretion of the Inflammatory Chemokine CCL2 from Human Macrophages and Monocytes. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	3.0	10
40	Neonatal overfeeding by small litter rearing sensitises hippocampal microglial responses to immune challenge: Reversal with neonatal repeated injections of saline or minocycline. <i>Journal of Neuroendocrinology</i> , 2017, 29, e12540.	2.6	10
41	Probenecid directly impairs activation of the canine P2X7 receptor. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 736-744.	1.1	10
42	Development of High-Throughput Fluorescent-Based Screens to Accelerate Discovery of P2X Inhibitors from Animal Venoms. <i>Journal of Natural Products</i> , 2019, 82, 2559-2567.	3.0	10
43	A P2RX7 single nucleotide polymorphism haplotype promotes exon 7 and 8 skipping and disrupts receptor function. <i>FASEB Journal</i> , 2020, 34, 3884-3901.	0.5	10
44	Bombesin receptor-targeted liposomes for enhanced delivery to lung cancer cells. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2553-2562.	2.8	9
45	Insights into the Structure-Activity Relationship of Glycosides as Positive Allosteric Modulators Acting on P2X7 Receptors. <i>Molecular Pharmacology</i> , 2021, 99, 163-174.	2.3	8
46	Revisiting the Idea That Amyloid- $\beta$ Peptide Acts as an Agonist for P2X7. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 166.	2.9	7
47	Editorial: Neuroinflammation and Its Resolution: From Molecular Mechanisms to Therapeutic Perspectives. <i>Frontiers in Pharmacology</i> , 2020, 11, 480.	3.5	6
48	Editorial: Roles of Ion Channels in Immune Cells. <i>Frontiers in Immunology</i> , 2016, 7, 48.	4.8	5
49	Association of a P2RX7 gene missense variant with brachycephalic dog breeds. <i>Animal Genetics</i> , 2020, 51, 127-131.	1.7	4
50	P2X Receptor Antagonists and their Potential as Therapeutics: a patent review (2010 - 2021). <i>Expert Opinion on Therapeutic Patents</i> , 2022, , .	5.0	4
51	Correlation between thyroidal and peripheral blood total T cells, CD8+ T cells, and CD8+ T-regulatory cells and T-cell reactivity to calsequestrin and collagen XIII in patients with Graves' ophthalmopathy. <i>Endocrine Research</i> , 2018, 43, 264-274.	1.2	2
52	The extent and reasons for compliance failure with oral treatment regimens in haematology outpatients. <i>International Journal of Pharmacy Practice</i> , 2011, 10, R47-R47.	0.6	0
53	Recording P2X Receptors Using Whole-Cell Patch Clamp from Native Monocytes and Macrophages. <i>Methods in Molecular Biology</i> , 2020, 2041, 275-283.	0.9	0