Laurie Erb

List of Publications by Year
in descending order

57 papers	3,725 citations	94269 37 h-index	155451 55 g-index
58 all docs	58 docs citations	58 times ranked	3064 citing authors

#	Article	IF	Citations
1	P2Y2 receptors mediate nucleotide-induced EGFR phosphorylation and stimulate proliferation and tumorigenesis of head and neck squamous cell carcinoma cell lines. Oral Oncology, 2020, 109, 104808.	0.8	20
2	Purinergic signaling in Alzheimerâ€™s disease. Brain Research Bulletin, 2019, 151, 25-37.	1.4	20
3	Low-affinity binding incisto P2Y₂R mediates force-dependent integrin activation during hantavirus infection. Molecular Biology of the Cell, 2017, 28, 2887-2903.	0.9	18
4	P2X7 receptor antagonism prevents IL-1Î² release from salivary epithelial cells and reduces inflammation in a mouse model of autoimmune exocrinopathy. Journal of Biological Chemistry, 2017, 292, 16626-16637.	1.6	67
5	P2Y2 receptor modulates shear stress-induced cell alignment and actin stress fibers in human umbilical vein endothelial cells. Cellular and Molecular Life Sciences, 2017, 74, 731-746.	2.4	24
6	Purinergic receptors as potential therapeutic targets in Alzheimer's disease. Neuropharmacology, 2016, 104, 169-179.	2.0	91
7	P2Y receptors in Alzheimer's disease. Biology of the Cell, 2015, 107, 1-21.	0.7	38
8	Increased Expression of TGF-Î² Signaling Components in a Mouse Model of Fibrosis Induced by Submandibular Gland Duct Ligation. PLoS ONE, 2015, 10, e0123641.	1.1	45
9	P2Y₂nucleotide receptor activation enhances the aggregation and self-organization of dispersed salivary epithelial cells. American Journal of Physiology - Cell Physiology, 2014, 307, C83-C96.	2.1	13
10	Loss of P2Y2 Nucleotide Receptors Enhances Early Pathology in the TgCRND8 Mouse Model of Alzheimer's Disease. Molecular Neurobiology, 2014, 49, 1031-1042.	1.9	55
11	The P2Y₂ Receptor Interacts with VE-Cadherin and VEGF Receptor-2 to Regulate Rac1 Activity in Endothelial Cells. Journal of Biomedical Science and Engineering, 2014, 07, 1105-1121.	0.2	13
12	Upâ€regulation and activation of the P2Y₂ nucleotide receptor mediate neurite extension in <scp>IL</scp>â€1Î²â€treated mouse primary cortical neurons. Journal of Neurochemistry, 2013, 125, 885-896.	2.1	37
13	P2X7 receptor activation induces inflammatory responses in salivary gland epithelium. American Journal of Physiology - Cell Physiology, 2012, 303, C790-C801.	2.1	53
14	P2Y Receptors in the Mammalian Nervous System: Pharmacology, Ligands and Therapeutic Potential. CNS and Neurological Disorders - Drug Targets, 2012, 11, 722-738.	0.8	40
15	Coupling of P2Y receptors to G proteins and other signaling pathways. Environmental Sciences Europe, 2012, 1, 789-803.	2.6	163
16	P2 Receptors for Extracellular Nucleotides in the Central Nervous System: Role of P2X7 and P2Y2 Receptor Interactions in Neuroinflammation. Molecular Neurobiology, 2012, 46, 96-113.	1.9	76
17	Neuroprotective roles of the P2Y2 receptor. Purinergic Signalling, 2012, 8, 559-578.	1.1	45
18	Nucleotides released from AÎ²_{1â€“42}â€treated microglial cells increase cell migration and AÎ²_{1â€“42} uptake through P2Y₂ receptor activation. Journal of Neurochemistry, 2012, 121, 228-238.	2.1	67

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19	P2Y2 Nucleotide Receptor-Mediated Responses in Brain Cells. Molecular Neurobiology, 2010, 41, 356-366.	1.9	68
20	P2Y2 Nucleotide Receptors Mediate Metalloprotease-dependent Phosphorylation of Epidermal Growth Factor Receptor and ErbB3 in Human Salivary Gland Cells. Journal of Biological Chemistry, 2010, 285, 7545-7555.	1.6	45
21	Interleukinâ€1Î² enhances nucleotideâ€induced and Î±â€secretaseâ€dependent amyloid precursor protein processing in rat primary cortical neurons via upâ€regulation of the P2Y₂ receptor. Journal of Neurochemistry, 2009, 109, 1300-1310.	2.1	61
22	Regulated Catalysis of Extracellular Nucleotides by Vascular CD39/ENTPD1 Is Required for Liver Regeneration. Gastroenterology, 2008, 135, 1751-1760.	0.6	71
23	Proinflammatory cytokines tumor necrosis factor-Î± and interferon-Î³ alter tight junction structure and function in the rat parotid gland Par-C10 cell line. American Journal of Physiology - Cell Physiology, 2008, 295, C1191-C1201.	2.1	103
24	Binding of the P2Y ₂ Nucleotide Receptor to Filamin A Regulates Migration of Vascular Smooth Muscle Cells. Circulation Research, 2008, 102, 581-588.	2.0	61
25	The P2Y2 nucleotide receptor requires interaction with Î±v integrins to access and activate G12. Journal of Cell Science, 2007, 120, 1654-1662.	1.2	73
26	P2Y2 receptors induced cell surface redistribution of Î±v integrin is required for activation of ERK 1/2 in U937 cells. Journal of Cellular Physiology, 2007, 211, 410-422.	2.0	19
27	P2 receptors in atherosclerosis and postangioplasty restenosis. Purinergic Signalling, 2007, 3, 153-162.	1.1	17
28	P2 Receptors in Health and Disease. Biotechnology and Genetic Engineering Reviews, 2006, 22, 171-196.	2.4	9
29	P2 receptors in atherosclerosis and postangioplasty restenosis. Purinergic Signalling, 2006, 2, 471-480.	1.1	12
30	P2 receptors: intracellular signaling. Pflugers Archiv European Journal of Physiology, 2006, 452, 552-562.	1.3	207
31	Differential coupling of the P2Y1 receptor to GÎ±14 and GÎ±q/11 proteins during the development of the rat salivary gland. Archives of Oral Biology, 2006, 51, 359-370.	0.8	16
32	Mechanisms for Inhibition of P2 Receptors Signaling in Neural Cells. Molecular Neurobiology, 2005, 31, 065-080.	1.9	19
33	P2Y2 nucleotide receptor interaction with alphaV integrin mediates astrocyte migration. Journal of Neurochemistry, 2005, 95, 630-640.	2.1	90
34	P2X7 nucleotide receptors mediate caspase-8/9/3-dependent apoptosis in rat primary cortical neurons. Purinergic Signalling, 2005, 1, 337-347.	1.1	62
35	Modulation of endothelial cell migration by extracellular nucleotides. Thrombosis and Haemostasis, 2005, 93, 735-742.	1.8	95
36	The P2Y2 Nucleotide Receptor Interacts with Î±v Integrins to Activate Go and Induce Cell Migration. Journal of Biological Chemistry, 2005, 280, 39050-39057.	1.6	100

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37	P2Y2 Nucleotide Receptors Enhance Î±-Secretase-dependent Amyloid Precursor Protein Processing. Journal of Biological Chemistry, 2005, 280, 18696-18702.	1.6	110
38	The P2Y2 Nucleotide Receptor Mediates Vascular Cell Adhesion Molecule-1 Expression through Interaction with VEGF Receptor-2 (KDR/Flk-1). Journal of Biological Chemistry, 2004, 279, 35679-35686.	1.6	133
39	Src Homology 3 Binding Sites in the P2Y2 Nucleotide Receptor Interact with Src and Regulate Activities of Src, Proline-rich Tyrosine Kinase 2, and Growth Factor Receptors. Journal of Biological Chemistry, 2004, 279, 8212-8218.	1.6	146
40	P2Y2 receptors activate neuroprotective mechanisms in astrocytic cells. Journal of Neurochemistry, 2004, 91, 119-132.	2.1	91
41	The P2Y2 Nucleotide Receptor Mediates UTP-induced Vascular Cell Adhesion Molecule-1 Expression in Coronary Artery Endothelial Cells. Journal of Biological Chemistry, 2003, 278, 24960-24965.	1.6	105
42	Functional P2Y 2 Nucleotide Receptors Mediate Uridine 5â€²-Triphosphateâ€“Induced Intimal Hyperplasia in Collared Rabbit Carotid Arteries. Circulation, 2002, 106, 2720-2726.	1.6	112
43	P2Y2nucleotide receptor signaling in human monocytic cells: Activation, desensitization and coupling to mitogen-activated protein kinases. Journal of Cellular Physiology, 2001, 187, 196-208.	2.0	58
44	An Rgd Sequence in the P2y2 Receptor Interacts with Î±VÎ²3 Integrins and Is Required for Go-Mediated Signal Transduction. Journal of Cell Biology, 2001, 153, 491-502.	2.3	150
45	Mechanisms of agonist-dependent and -independent desensitization of a recombinant P2Y2 nucleotide receptor. Molecular and Cellular Biochemistry, 2000, 205, 115-123.	1.4	46
46	P2Y nucleotide receptors in the immune system: Signaling by a P2Y2 receptor in U937 monocytes. Drug Development Research, 1998, 45, 222-228.	1.4	16
47	Structural Basis of Agonist-induced Desensitization and Sequestration of the P2Y2 Nucleotide Receptor. Journal of Biological Chemistry, 1998, 273, 29437-29444.	1.6	80
48	The Cloning and Expression of G Protein-Coupled P2Y Nucleotide Receptors. , 1998, , 63-79.		14
49	P2 Receptor Modeling and Identification of Ligand Binding Sites. , 1998, , 135-166.		8
50	PPADS and suramin as antagonists at cloned P_{2Y}â€•and P_{2U}â€purinoceptors. British Journal of Pharmacology, 1996, 118, 704-710.	2.7	131
51	Cloned and transfected P2Y₄ receptors: characterization of a suramin and PPADSâ€insensitive response to UTP. British Journal of Pharmacology, 1996, 119, 1301-1303.	2.7	85
52	P2U Purinoceptors: cDNA Cloning, Signal Transduction Mechanisms and Structureâ€“Function Analysis. Novartis Foundation Symposium, 1996, 198, 193-207.	1.2	4
53	Cloning, Expression, and Chromosomal Localization of the Human Uridine Nucleotide Receptor Gene. Journal of Biological Chemistry, 1995, 270, 30845-30848.	1.6	172
54	Site-directed Mutagenesis of P2U Purinoceptors. Journal of Biological Chemistry, 1995, 270, 4185-4188.	1.6	131

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55	Classification of P2 purinoceptors. Trends in Pharmacological Sciences, 1994, 15, 280.	4.0	8
56	Mechanisms by which extracellular ATP and UTP stimulate the release of prostacyclin from bovine pulmonary artery endothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1134, 61-72.	1.9	67
57	Permeabilization of transformed mouse fibroblasts by 3?-O-(4-benzoyl)benzoyl adenosine 5?-triphosphate and the desensitization of the process. Journal of Cellular Physiology, 1989, 139, 109-115.	2.0	45