

Yukihiko Sugimoto

List of Publications by Year in descending order

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191
papers

21,965
citations

12303

69
h-index

9073

144
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195
all docs

195
docs citations

195
times ranked

18377
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostanoid Receptors: Structures, Properties, and Functions. <i>Physiological Reviews</i> , 1999, 79, 1193-1226.	13.1	2,228
2	Free fatty acids regulate gut incretin glucagon-like peptide-1 secretion through GPR120. <i>Nature Medicine</i> , 2005, 11, 90-94.	15.2	1,298
3	Prostaglandin E Receptors. <i>Journal of Biological Chemistry</i> , 2007, 282, 11613-11617.	1.6	990
4	Altered pain perception and inflammatory response in mice lacking prostacyclin receptor. <i>Nature</i> , 1997, 388, 678-682.	13.7	732
5	Prostaglandin D2 as a Mediator of Allergic Asthma. <i>Science</i> , 2000, 287, 2013-2017.	6.0	699
6	Impaired febrile response in mice lacking the prostaglandin E receptor subtype EP3. <i>Nature</i> , 1998, 395, 281-284.	13.7	630
7	Acceleration of intestinal polyposis through prostaglandin receptor EP2 in Apc ^{fl} 716 knockout mice. <i>Nature Medicine</i> , 2001, 7, 1048-1051.	15.2	562
8	Alternative splicing of C-terminal tail of prostaglandin E receptor subtype EP3 determines G-protein specificity. <i>Nature</i> , 1993, 365, 166-170.	13.7	548
9	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2019, 176, S21-S141.	2.7	519
10	Prostaglandin E2-EP4 signaling promotes immune inflammation through TH1 cell differentiation and TH17 cell expansion. <i>Nature Medicine</i> , 2009, 15, 633-640.	15.2	498
11	Ligand binding specificities of the eight types and subtypes of the mouse prostanoid receptors expressed in Chinese hamster ovary cells. <i>British Journal of Pharmacology</i> , 1997, 122, 217-224.	2.7	474
12	Sensitization of TRPV1 by EP1 and IP Reveals Peripheral Nociceptive Mechanism of Prostaglandins. <i>Molecular Pain</i> , 2005, 1, 1744-8069-1-3.	1.0	460
13	The prostaglandin receptor EP4 suppresses colitis, mucosal damage and CD4 cell activation in the gut. <i>Journal of Clinical Investigation</i> , 2002, 109, 883-893.	3.9	374
14	Molecular mechanisms of diverse actions of prostanoid receptors. <i>Lipids and Lipid Metabolism</i> , 1995, 1259, 109-119.	2.6	355
15	The Role of Prostaglandin E Receptor Subtypes (EP1, EP2, EP3, and EP4) in Bone Resorption: An Analysis Using Specific Agonists for the Respective EPs. <i>Endocrinology</i> , 2000, 141, 1554-1559.	1.4	354
16	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2021, 178, S27-S156.	2.7	337
17	Prostaglandin E2-induced inflammation: Relevance of prostaglandin E receptors. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 414-421.	1.2	334
18	Gut Microbiota Promotes Obesity-Associated Liver Cancer through PGE2-Mediated Suppression of Antitumor Immunity. <i>Cancer Discovery</i> , 2017, 7, 522-538.	7.7	321

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19	Host Prostaglandin E2-EP3 Signaling Regulates Tumor-Associated Angiogenesis and Tumor Growth. <i>Journal of Experimental Medicine</i> , 2003, 197, 221-232.	4.2	316
20	Stimulation of bone formation and prevention of bone loss by prostaglandin E EP4 receptor activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4580-4585.	3.3	306
21	Patent Ductus Arteriosus and Neonatal Death in Prostaglandin Receptor EP4-Deficient Mice. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 7-12.	1.0	305
22	Involvement of prostaglandin E receptor subtype EP(4) in colon carcinogenesis. <i>Cancer Research</i> , 2002, 62, 28-32.	0.4	286
23	Gut microbiota confers host resistance to obesity by metabolizing dietary polyunsaturated fatty acids. <i>Nature Communications</i> , 2019, 10, 4007.	5.8	231
24	<i>In situ</i> hybridization studies of prostacyclin receptor mRNA expression in various mouse organs. <i>British Journal of Pharmacology</i> , 1995, 116, 2828-2837.	2.7	226
25	The prostaglandin receptor EP4 suppresses colitis, mucosal damage and CD4 cell activation in the gut. <i>Journal of Clinical Investigation</i> , 2002, 109, 883-893.	3.9	219
26	Suppression of allergic inflammation by the prostaglandin E receptor subtype EP3. <i>Nature Immunology</i> , 2005, 6, 524-531.	7.0	215
27	Perivascular leukocyte clusters are essential for efficient activation of effector T cells in the skin. <i>Nature Immunology</i> , 2014, 15, 1064-1069.	7.0	211
28	Impaired Bone Resorption to Prostaglandin E2 in Prostaglandin E Receptor EP4-knockout Mice. <i>Journal of Biological Chemistry</i> , 2000, 275, 19819-19823.	1.6	193
29	The Role of Prostaglandin E Receptor Subtypes (EP1, EP2, EP3, and EP4) in Bone Resorption: An Analysis Using Specific Agonists for the Respective EPs. , 0, .		169
30	Distribution and function of prostanoid receptors: studies from knockout mice. <i>Progress in Lipid Research</i> , 2000, 39, 289-314.	5.3	168
31	Characterization of EP receptor subtypes responsible for prostaglandin E2 -induced pain responses by use of EP1 and EP3 receptor knockout mice. <i>British Journal of Pharmacology</i> , 2001, 133, 438-444.	2.7	166
32	Regulation of TNF α and interleukin-10 production by prostaglandins I2 and E2: studies with prostaglandin receptor-deficient mice and prostaglandin E-receptor subtype-selective synthetic agonists. <i>Biochemical Pharmacology</i> , 2001, 61, 1153-1160.	2.0	162
33	Third isoform of the prostaglandin-E-receptor EP3 subtype with different C-terminal tail coupling to both stimulation and inhibition of adenylate cyclase. <i>FEBS Journal</i> , 1993, 217, 313-318.	0.2	159
34	Mouse thromboxane A2 receptor: cDNA cloning, expression and Northern blot analysis. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 1197-1203.	1.0	158
35	Molecular mechanisms underlying prostaglandin E2-exacerbated inflammation and immune diseases. <i>International Immunology</i> , 2019, 31, 597-606.	1.8	153
36	Characteristics of thermoregulatory and febrile responses in mice deficient in prostaglandin EP1 and EP3 receptors. <i>Journal of Physiology</i> , 2003, 551, 945-954.	1.3	153

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37	The mouse prostaglandin E receptor EP2 subtype: cloning, expression, and Northern blot analysis. <i>FEBS Letters</i> , 1995, 372, 151-156.	1.3	148
38	Chronic activation of the prostaglandin receptor EP4 promotes hyaluronan-mediated neointimal formation in the ductus arteriosus. <i>Journal of Clinical Investigation</i> , 2006, 116, 3026-3034.	3.9	146
39	Prostanoid receptor subtypes. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 68-69, 535-556.	1.0	145
40	Prostanoid receptors and their biological actions. <i>Progress in Lipid Research</i> , 1993, 32, 417-434.	5.3	135
41	Identification of prostaglandin E receptor ϵ -EP2 TM cloned from mastocytoma cells as EP4 subtype. <i>FEBS Letters</i> , 1995, 364, 339-341.	1.3	135
42	Mast cell maturation is driven via a group III phospholipase A2-prostaglandin D2 ϵ -DP1 receptor paracrine axis. <i>Nature Immunology</i> , 2013, 14, 554-563.	7.0	122
43	Prostaglandin E2 ϵ -EP3 Signaling Induces Inflammatory Swelling by Mast Cell Activation. <i>Journal of Immunology</i> , 2014, 192, 1130-1137.	0.4	120
44	Prostaglandin F2 \pm -induced Expression of 20 β -Hydroxysteroid Dehydrogenase Involves the Transcription Factor NUR77. <i>Journal of Biological Chemistry</i> , 2000, 275, 37202-37211.	1.6	118
45	Olfactory receptor for prostaglandin F2 \pm mediates male fish courtship behavior. <i>Nature Neuroscience</i> , 2016, 19, 897-904.	7.1	114
46	Prostaglandin Receptors: Advances in the Study of EP3 Receptor Signaling. <i>Journal of Biochemistry</i> , 2002, 131, 781-784.	0.9	112
47	Crucial Involvement of the EP4 Subtype of Prostaglandin E Receptor in Osteoclast Formation by Proinflammatory Cytokines and Lipopolysaccharide. <i>Journal of Bone and Mineral Research</i> , 2010, 15, 218-227.	3.1	112
48	The Expression of Prostaglandin E Receptors EP2 and EP4 and Their Different Regulation by Lipopolysaccharide in C3H/HeN Peritoneal Macrophages. <i>Journal of Immunology</i> , 2001, 166, 4689-4696.	0.4	111
49	Increased Bleeding Tendency and Decreased Susceptibility to Thromboembolism in Mice Lacking the Prostaglandin E Receptor Subtype EP ₃ . <i>Circulation</i> , 2001, 104, 1176-1180.	1.6	108
50	Coiled-Coil Tag \sim Probe System for Quick Labeling of Membrane Receptors in Living Cells. <i>ACS Chemical Biology</i> , 2008, 3, 341-345.	1.6	108
51	Competition for Mitogens Regulates Spermatogenic Stem Cell Homeostasis in an Open Niche. <i>Cell Stem Cell</i> , 2019, 24, 79-92.e6.	5.2	105
52	Impaired duodenal bicarbonate secretion and mucosal integrity in mice lacking prostaglandin E ϵ -receptor subtype EP3. <i>Gastroenterology</i> , 1999, 117, 1128-1135.	0.6	101
53	12-hydroxyheptadecatrienoic acid promotes epidermal wound healing by accelerating keratinocyte migration via the BLT2 receptor. <i>Journal of Experimental Medicine</i> , 2014, 211, 1063-1078.	4.2	101
54	Roles of prostaglandin receptors in female reproduction. <i>Journal of Biochemistry</i> , 2015, 157, 73-80.	0.9	100

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55	COX-2 and Prostaglandin EP3/EP4 Signaling Regulate the Tumor Stromal Proangiogenic Microenvironment via CXCL12-CXCR4 Chemokine Systems. <i>American Journal of Pathology</i> , 2010, 176, 1469-1483.	1.9	97
56	Cloning and expression of a cDNA for the human prostacyclin receptor. <i>FEBS Letters</i> , 1994, 344, 74-78.	1.3	96
57	Characterization of the LPS-Stimulated Expression of EP2 and EP4 Prostaglandin E Receptors in Mouse Macrophage-like Cell Line, J774.1. <i>Biochemical and Biophysical Research Communications</i> , 1998, 251, 727-731.	1.0	91
58	Prostaglandin E2 Receptors, EP2 and EP4, Differentially Modulate TNF- α and IL-6 Production Induced by Lipopolysaccharide in Mouse Peritoneal Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 224-228.	1.0	89
59	Ligand binding to human prostaglandin E receptor EP4 at the lipid-bilayer interface. <i>Nature Chemical Biology</i> , 2019, 15, 18-26.	3.9	85
60	Uterine Expression of Prostaglandin H2Synthase in Late Pregnancy and during Parturition in Prostaglandin F Receptor-Deficient Mice ¹ . <i>Endocrinology</i> , 2000, 141, 315-324.	1.4	82
61	cDNA-derived amino acid sequence of L-histidine decarboxylase from mouse mastocytoma P-815 cells. <i>FEBS Letters</i> , 1990, 276, 214-218.	1.3	80
62	Distribution of prostaglandin E receptors in the rat gastrointestinal tract. <i>Prostaglandins</i> , 1997, 53, 199-216.	1.2	80
63	Impaired Bone Resorption by Lipopolysaccharide In Vivo in Mice Deficient in the Prostaglandin E Receptor EP4 Subtype. <i>Infection and Immunity</i> , 2000, 68, 6819-6825.	1.0	80
64	Prostanoid EP4 receptor is involved in suppression of 3T3-L1 adipocyte differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 1066-1072.	1.0	80
65	Selective Coupling of Prostaglandin E Receptor EP3D to Gi and Gs through Interaction of $\hat{\pm}$ -Carboxylic Acid of Agonist and Arginine Residue of Seventh Transmembrane Domain. <i>Journal of Biological Chemistry</i> , 1995, 270, 16122-16127.	1.6	78
66	Prostaglandin E receptors. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1995, 12, 379-391.	1.0	76
67	Birth Regulates the Initiation of Sensory Map Formation through Serotonin Signaling. <i>Developmental Cell</i> , 2013, 27, 32-46.	3.1	76
68	Major roles of prostanoid receptors IP and EP3 in endotoxin-induced enhancement of pain perception ¹¹ Abbreviations: prostaglandin E receptor subtype 1; IP, prostaglandin I receptor; LPS, lipopolysaccharide; and WT, wild-type mice.. <i>Biochemical Pharmacology</i> , 2001, 62, 157-160.	2.0	74
69	Role of cyclooxygenase-2-mediated prostaglandin E2-prostaglandin E receptor 4 signaling in cardiac reprogramming. <i>Nature Communications</i> , 2019, 10, 674.	5.8	74
70	Prostaglandin E ₂ Inhibits Elastogenesis in the Ductus Arteriosus via EP4 Signaling. <i>Circulation</i> , 2014, 129, 487-496.	1.6	73
71	Abnormal Epithelial Cell Polarity and Ectopic Epidermal Growth Factor Receptor (EGFR) Expression Induced in Emx2 KO Embryonic Gonads. <i>Endocrinology</i> , 2010, 151, 5893-5904.	1.4	72
72	Characterization of the signal transduction of prostaglandin E receptor EP1 subtype in cDNA-transfected Chinese hamster ovary cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1244, 41-48.	1.1	70

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73	Expression of Messenger RNA for Prostaglandin E Receptor Subtypes EP4/EP2 and Cyclooxygenase Isozymes in Mouse Periovarian Follicles and Oviducts During Superovulation ¹ . <i>Biology of Reproduction</i> , 2003, 68, 804-811.	1.2	70
74	Roles of Prostanoids Revealed From Studies Using Mice Lacking Specific Prostanoid Receptors.. <i>The Japanese Journal of Pharmacology</i> , 2000, 83, 279-285.	1.2	67
75	The intrinsic prostaglandin E ₂ -EP4 system of the renal tubular epithelium limits the development of tubulointerstitial fibrosis in mice. <i>Kidney International</i> , 2012, 82, 158-171.	2.6	65
76	Involvement of Prostaglandin E ₂ in Production of Amyloid- β Peptides Both in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2007, 282, 32676-32688.	1.6	64
77	Inhibition of EP4 Signaling Attenuates Aortic Aneurysm Formation. <i>PLoS ONE</i> , 2012, 7, e36724.	1.1	63
78	Expressions of cyclooxygenase-2 and prostaglandin E-receptors in carcinoma of the gallbladder: crucial role of arachidonate metabolism in tumor growth and progression. <i>Clinical Cancer Research</i> , 2002, 8, 1157-67.	3.2	59
79	Roles of a prostaglandin E ₂ -type receptor, EP3, in upregulation of matrix metalloproteinase-9 and vascular endothelial growth factor during enhancement of tumor metastasis. <i>Cancer Science</i> , 2009, 100, 2318-2324.	1.7	56
80	Expression of messenger RNA for the prostaglandin D receptor in the leptomeninges of the mouse brain. <i>FEBS Letters</i> , 1997, 417, 53-56.	1.3	55
81	Prostaglandin E ₂ Stimulates the Production of Amyloid- β Peptides through Internalization of the EP4 Receptor. <i>Journal of Biological Chemistry</i> , 2009, 284, 18493-18502.	1.6	55
82	Timely interaction between prostaglandin and chemokine signaling is a prerequisite for successful fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14539-14544.	3.3	54
83	Contribution of the two G _s -coupled PGE ₂ -receptors EP2-receptor and EP4-receptor to the inhibition by PGE ₂ of the LPS-induced TNF α -formation in Kupffer cells from EP2-or EP4-receptor-deficient mice. Pivotal role for the EP4-receptor in wild type Kupffer cells. <i>Journal of Hepatology</i> , 2002, 36, 328-334.	1.8	52
84	Ca ²⁺ influx-mediated histamine synthesis and IL-6 release in mast cells activated by monomeric IgE. <i>European Journal of Immunology</i> , 2005, 35, 460-468.	1.6	47
85	Impaired Mast Cell Maturation and Degranulation and Attenuated Allergic Responses in <i>Ndr1</i> -Deficient Mice. <i>Journal of Immunology</i> , 2007, 178, 7042-7053.	0.4	47
86	Cloning and expression of a cDNA for rat prostaglandin F ₂ receptor. <i>Prostaglandins</i> , 1994, 48, 31-41.	1.2	46
87	Cooperative Therapeutic Action of Retinoic Acid Receptor and Retinoid X Receptor Agonists in a Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 587-605.	1.2	45
88	Parturition and Recruitment of Macrophages in Cervix of Mice Lacking the Prostaglandin F Receptor ¹ . <i>Biology of Reproduction</i> , 2008, 78, 438-444.	1.2	44
89	Autotaxin ³ -lysophosphatidic acid ³ signaling at the embryo-epithelial boundary controls decidualization pathways. <i>EMBO Journal</i> , 2017, 36, 2146-2160.	3.5	44
90	Roles of prostaglandin E receptors in mesangial cells under high-glucose conditions. <i>Kidney International</i> , 1999, 56, 589-600.	2.6	43

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91	Quantification of the number of EP3 receptors on a living CHO cell surface by the AFM. <i>Ultramicroscopy</i> , 2006, 106, 652-662.	0.8	42
92	cDNA cloning of a thromboxane A2 receptor from rat astrocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1265, 220-223.	1.9	39
93	Expression of L-histidine decarboxylase in granules of elicited mouse polymorphonuclear leukocytes. <i>European Journal of Immunology</i> , 2004, 34, 1472-1482.	1.6	39
94	Prostaglandin E2-EP4 signaling suppresses adipocyte differentiation in mouse embryonic fibroblasts via an autocrine mechanism. <i>Journal of Lipid Research</i> , 2011, 52, 1500-1508.	2.0	39
95	Establishment of the culture model system that reflects the process of terminal differentiation of connective tissue-type mast cells. <i>FEBS Letters</i> , 2008, 582, 1444-1450.	1.3	38
96	Activation of Histidine Decarboxylase through Post-translational Cleavage by Caspase-9 in a Mouse Mastocytoma P-815. <i>Journal of Biological Chemistry</i> , 2007, 282, 13438-13446.	1.6	37
97	Cutaneous p38 mitogen-activated protein kinase activation triggers psoriatic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1036-1049.	1.5	37
98	Distinct Cellular Localization of the Messenger Ribonucleic Acid for Prostaglandin E Receptor Subtypes in the Mouse Uterus during Pseudopregnancy. <i>Endocrinology</i> , 1997, 138, 344-350.	1.4	36
99	Host prostaglandin EP3 receptor signaling relevant to tumor-associated lymphangiogenesis. <i>Biomedicine and Pharmacotherapy</i> , 2010, 64, 101-106.	2.5	36
100	Eosinophils control the resolution of inflammation and draining lymph node hypertrophy through the proresolving mediators and CXCL13 pathway in mice. <i>FASEB Journal</i> , 2014, 28, 4036-4043.	0.2	36
101	Histamine synthesis is required for granule maturation in murine mast cells. <i>European Journal of Immunology</i> , 2014, 44, 204-214.	1.6	36
102	Epithelial TRAF6 drives IL-17-mediated psoriatic inflammation. <i>JCI Insight</i> , 2018, 3, .	2.3	36
103	Expression of the prostaglandin F receptor (FP) gene along the mouse genitourinary tract. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, F1164-F1170.	1.3	35
104	Direct Melanoma Cell Contact Induces Stromal Cell Autocrine Prostaglandin E2-EP4 Receptor Signaling That Drives Tumor Growth, Angiogenesis, and Metastasis. <i>Journal of Biological Chemistry</i> , 2015, 290, 29781-29793.	1.6	35
105	Expression of L-Histidine Decarboxylase in Mouse Male Germ Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 14211-14215.	1.6	34
106	Improvement of cognitive function in Alzheimer's disease model mice by genetic and pharmacological inhibition of the EP4 receptor. <i>Journal of Neurochemistry</i> , 2012, 120, 795-805.	2.1	34
107	Role of Prostaglandin H2 Synthase 2 in Murine Parturition: Study on Ovariectomy-Induced Parturition in Prostaglandin F Receptor-Deficient Mice. <i>Biology of Reproduction</i> , 2003, 69, 195-201.	1.2	33
108	Dermal V β 34 + γ T Cells Possess a Migratory Potency to the Draining Lymph Nodes and Modulate CD8 + T-Cell Activity through TNF- α Production. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1007-1015.	0.3	33

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109	The C-Terminus of the Prostaglandin-E-Receptor EP3 Subtype is Essential for Activation of GTP-Binding Protein. <i>FEBS Journal</i> , 1994, 224, 161-166.	0.2	32
110	Functional interaction of prostaglandin E receptor EP3 subtype with guanine nucleotide-binding proteins, showing low-affinity ligand binding. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1175, 343-350.	1.9	31
111	Mapping of the Genes Encoding Mouse Thromboxane A2 Receptor and Prostaglandin E Receptor Subtypes EP2 and EP3. <i>Genomics</i> , 1994, 19, 585-588.	1.3	31
112	Molecular biology of histidine decarboxylase and prostaglandin receptors. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2010, 86, 848-866.	1.6	31
113	Possible coupling of prostaglandin E receptor EP1 to TRP5 expressed in <i>Xenopus laevis</i> oocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 398-402.	1.0	30
114	RhoA/Rho Kinase Signaling in the Cumulus Mediates Extracellular Matrix Assembly. <i>Endocrinology</i> , 2009, 150, 3345-3352.	1.4	30
115	Prostaglandin E2-EP4 Axis Promotes Lipolysis and Fibrosis in Adipose Tissue Leading to Ectopic Fat Deposition and Insulin Resistance. <i>Cell Reports</i> , 2020, 33, 108265.	2.9	30
116	Characterization of the gene for the mouse prostaglandin E receptor subtype EP2: tissue-specific initiation of transcription in the macrophage and the uterus. <i>Biochemical Journal</i> , 1998, 330, 1115-1121.	1.7	29
117	Augmentation of Receptor-Mediated Adenylyl Cyclase Activity by Gi-Coupled Prostaglandin Receptor Subtype EP3 in a G β 3 Subunit-Independent Manner. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 162-168.	1.0	29
118	Microarray evaluation of EP4 receptor-mediated prostaglandin E2 suppression of 3T3-L1 adipocyte differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 911-917.	1.0	29
119	Copresence of prostaglandin EP2 and EP3 receptors on gastric enterochromaffin-like cell carcinoid in African rodents. <i>Gastroenterology</i> , 1995, 109, 341-347.	0.6	28
120	Expression of Prostaglandin E2 Receptor Subtypes in Mouse Hair Follicles. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 696-700.	1.0	28
121	Prostaglandin E receptor EP 3 deficiency modifies tumor outcome in mouse two-stage skin carcinogenesis. <i>Carcinogenesis</i> , 2005, 26, 2116-2122.	1.3	28
122	Involvement of cyclooxygenase-2 and EP prostaglandin receptor in acute herpetic but not postherpetic pain in mice. <i>Neuropharmacology</i> , 2005, 49, 283-292.	2.0	28
123	Effects of the Selective EP2 Receptor Agonist Omidenepag on Adipocyte Differentiation in 3T3-L1 Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2020, 36, 162-169.	0.6	27
124	Uterine Expression of Prostaglandin H2 Synthase in Late Pregnancy and during Parturition in Prostaglandin F Receptor-Deficient Mice. , 0, .		27
125	Characterization of the mouse prostaglandin F receptor gene: a transgenic mouse study of a regulatory region that controls its expression in the stomach and kidney but not in the ovary. <i>Genes To Cells</i> , 2003, 2, 571-580.	0.5	26
126	International Union of Basic and Clinical Pharmacology. CIX. Differences and Similarities between Human and Rodent Prostaglandin E ₂ Receptors (EP1-4) and Prostacyclin Receptor (IP): Specific Roles in Pathophysiologic Conditions. <i>Pharmacological Reviews</i> , 2020, 72, 910-968.	7.1	26

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127	TEI-3356, a highly selective agonist for the prostaglandin EP3 receptor. <i>Prostaglandins</i> , 1994, 48, 275-283.	1.2	25
128	Attenuated Cyclooxygenase-2 Expression Contributes to Patent Ductus Arteriosus in Preterm Mice. <i>Pediatric Research</i> , 2006, 60, 669-674.	1.1	25
129	Bone marrow-derived EP3-expressing stromal cells enhance tumor-associated angiogenesis and tumor growth. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 720-725.	1.0	25
130	Functional evidence for interaction between prostaglandin EP3 and μ -opioid receptor pathways in tactile pain induced by human immunodeficiency virus type-1 (HIV-1) glycoprotein gp120. <i>Neuropharmacology</i> , 2003, 45, 96-105.	2.0	24
131	Mapping of the Genes Encoding Mouse Prostaglandin D, E, and F and Prostacyclin Receptors. <i>Genomics</i> , 1996, 32, 285-288.	1.3	22
132	Changes in the Expression of Steroidogenic and Antioxidant Genes in the Mouse Corpus Luteum During Luteolysis ¹ . <i>Biology of Reproduction</i> , 2005, 72, 1134-1141.	1.2	22
133	Identification and characterization of a novel progesterone receptor-binding element in the mouse prostaglandin E receptor subtype EP2 gene. <i>Genes To Cells</i> , 2003, 8, 747-758.	0.5	21
134	Prostanoid receptors and acute inflammation in skin. <i>Biochimie</i> , 2014, 107, 78-81.	1.3	21
135	Induction of Adherent Activity in Mastocytoma P-815 Cells by the Cooperation of Two Prostaglandin E2 Receptor Subtypes, EP3 and EP4. <i>Journal of Biological Chemistry</i> , 2003, 278, 17977-17981.	1.6	20
136	Prostaglandin E2 Stimulates Granulocyte Colony-Stimulating Factor Production via the Prostanoid EP2 Receptor in Mouse Peritoneal Neutrophils. <i>Journal of Immunology</i> , 2005, 175, 2606-2612.	0.4	19
137	Prostaglandin E2 Attenuates Preoptic Expression of GABAA Receptors via EP3 Receptors. <i>Journal of Biological Chemistry</i> , 2008, 283, 11064-11071.	1.6	19
138	Involvement of CD44 in mast cell proliferation during terminal differentiation. <i>Laboratory Investigation</i> , 2009, 89, 446-455.	1.7	19
139	Characterization of the prostaglandin E receptor expressed on a cultured mast cell line, BNu-2c13. <i>Biochemical Pharmacology</i> , 1993, 46, 863-869.	2.0	18
140	Apoptosis and Related Proteins in Placenta of Intrauterine Fetal Death in Prostaglandin F Receptor-Deficient Mice ¹ . <i>Biology of Reproduction</i> , 2003, 68, 1968-1974.	1.2	18
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