Nigel W Bunnett

List of Publications by Year
in descending order

		8172	9090
217 papers	22,345 citations	76 h-index	144 g-index
220 all docs	220 docs citations	220 times ranked	16107 citing authors

#	Article	IF	Citations
1	Agonist that activates the Âμ-opioid receptor in acidified microenvironments inhibits colitis pain without side effects. Gut, 2022, 71, 695-704.	6.1	28
2	Contributions of bile acids to gastrointestinal physiology as receptor agonists and modifiers of ion channels. American Journal of Physiology - Renal Physiology, 2022, 322, G201-G222.	1.6	11
3	Mice expressing fluorescent PAR ₂ reveal that endocytosis mediates colonic inflammation and pain. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
4	Schwann cell endosome CGRP signals elicit periorbital mechanical allodynia in mice. Nature Communications, 2022, 13, 646.	5.8	57
5	Oral cancer induced TRPV1 sensitization is mediated by PAR2 signaling in primary afferent neurons innervating the cancer microenvironment. Scientific Reports, 2022, 12, 4121.	1.6	17
6	Opioid-induced pronociceptive signaling in the gastrointestinal tract is mediated by delta-opioid receptor signaling.. Journal of Neuroscience, 2022, , JN-RM-2098-21.	1.7	3
7	Arrestin-mediated trafficking and compartmentalized biology of GPCRs. , 2022, , 9-24.		0
8	Sustained endosomal release of a neurokinin-1 receptor antagonist from nanostars provides long-lasting relief of chronic pain. Biomaterials, 2022, 285, 121536.	5.7	16
9	TGR5 agonists induce peripheral and central hypersensitivity to bladder distension. Scientific Reports, 2022, 12, .	1.6	2
10	Targeting G protein-coupled receptors for the treatment of chronic pain in the digestive system. Gut, 2021, 70, 970-981.	6.1	21
11	Legumain Induces Oral Cancer Pain by Biased Agonism of Protease-Activated Receptor-2. Journal of Neuroscience, 2021, 41, 193-210.	1.7	32
12	A lipid-anchored neurokinin 1 receptor antagonist prolongs pain relief by a three-pronged mechanism of action targeting the receptor at the plasma membrane and in endosomes. Journal of Biological Chemistry, 2021, 296, 100345.	1.6	17
13	Peripheral Nerve Resident Macrophages and Schwann Cells Mediate Cancer-Induced Pain. Cancer Research, 2021, 81, 3387-3401.	0.4	27
14	Serotonin-induced vascular permeability is mediated by transient receptor potential vanilloid 4 in the airways and upper gastrointestinal tract of mice. Laboratory Investigation, 2021, 101, 851-864.	1.7	8
15	Nanotechnology for pain management: Current and future therapeutic interventions. Nano Today, 2021, 39, 101223.	6.2	27
16	Cathepsin S Evokes PAR2-Dependent Pain in Oral Squamous Cell Carcinoma Patients and Preclinical Mouse Models. Cancers, 2021, 13, 4697.	1.7	17
17	Bile acids inhibit cholinergic constriction in proximal and peripheral airways from humans and rodents. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L264-L275.	1.3	10
18	The transient receptor potential vanilloid 4 (TRPV4) ion channel mediates protease activated receptor 1 (PAR1)-induced vascular hyperpermeability. Laboratory Investigation, 2020, 100, 1057-1067.	1.7	11

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19	Endosomal signaling of delta opioid receptors is an endogenous mechanism and therapeutic target for relief from inflammatory pain. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15281-15292.	3.3	72
20	Application of a Sulfoxonium Ylide Electrophile to Generate Cathepsin X-Selective Activity-Based Probes. ACS Chemical Biology, 2020, 15, 718-727.	1.6	17
21	A pH-responsive nanoparticle targets the neurokinin 1 receptor in endosomes to prevent chronic pain. Nature Nanotechnology, 2019, 14, 1150-1159.	15.6	103
22	Application of a chemical probe to detect neutrophil elastase activation during inflammatory bowel disease. Scientific Reports, 2019, 9, 13295.	1.6	22
23	Protein kinase D and GÎ²Î³ mediate sustained nociceptive signaling by biased agonists of protease-activated receptor-2. Journal of Biological Chemistry, 2019, 294, 10649-10662.	1.6	10
24	Effects of Serotonin and Slow-Release 5-Hydroxytryptophan on Gastrointestinal Motility in a Mouse Model of Depression. Gastroenterology, 2019, 157, 507-521.e4.	0.6	103
25	G-Proteinâ€"Coupled Receptors Are Dynamic Regulators of Digestion and Targets for Digestive Diseases. Gastroenterology, 2019, 156, 1600-1616.	0.6	22
26	Sez6 levels are elevated in cerebrospinal fluid of patients with inflammatory painâ€"associated conditions. Pain Reports, 2019, 4, e719.	1.4	4
27	Activation of pruritogenic TGR5, MrgprA3, and MrgprC11 on colon-innervating afferents induces visceral hypersensitivity. JCI Insight, 2019, 4, .	2.3	59
28	Schwann cells expressing nociceptive channel TRPA1 orchestrate ethanol-evoked neuropathic pain in mice. Journal of Clinical Investigation, 2019, 129, 5424-5441.	3.9	60
29	Revised guidelines to enhance the rigor and reproducibility of research published in American Physiological Society journals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R1251-R1253.	0.9	21
30	Therapeutic Targeting of Endosomal G-Protein-Coupled Receptors. Trends in Pharmacological Sciences, 2018, 39, 879-891.	4.0	103
31	Protease-activated receptor-2 in endosomes signals persistent pain of irritable bowel syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7438-E7447.	3.3	128
32	TRPA1/NOX in the soma of trigeminal ganglion neurons mediates migraine-related pain of glyceryl trinitrate in mice. Brain, 2018, 141, 2312-2328.	3.7	101
33	Inflammation-associated changes in DOR expression and function in the mouse colon. American Journal of Physiology - Renal Physiology, 2018, 315, G544-G559.	1.6	20
34	Stress activates pronociceptive endogenous opioid signalling in DRG neurons during chronic colitis. Gut, 2017, 66, 2121-2131.	6.1	30
35	Neurokinin 1 receptor signaling in endosomes mediates sustained nociception and is a viable therapeutic target for prolonged pain relief. Science Translational Medicine, 2017, 9, .	5.8	158
36	G-CSF Receptor Blockade Ameliorates Arthritic Pain and Disease. Journal of Immunology, 2017, 198, 3565-3575.	0.4	28

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37	Endosomal signaling of the receptor for calcitonin gene-related peptide mediates pain transmission. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12309-12314.	3.3	136
38	Schwann cell TRPA1 mediates neuroinflammation that sustains macrophage-dependent neuropathic pain in mice. Nature Communications, 2017, 8, 1887.	5.8	165
39	G Protein-Coupled Receptor Trafficking and Signalling in the Enteric Nervous System: The Past, Present and Future. Advances in Experimental Medicine and Biology, 2016, 891, 145-152.	0.8	9
40	Distribution and trafficking of the Î¼-opioid receptor in enteric neurons of the guinea pig. American Journal of Physiology - Renal Physiology, 2016, 311, G252-G266.	1.6	21
41	Neurotensin-induced miR-133Î± expression regulates neurotensin receptor 1 recycling through its downstream target aftiphilin. Scientific Reports, 2016, 6, 22195.	1.6	11
42	Prognostic and mechanistic potential of progesterone sulfates in intrahepatic cholestasis of pregnancy and pruritus gravidarum. Hepatology, 2016, 63, 1287-1298.	3.6	85
43	Protein Kinase D and GÎ²Î³ Subunits Mediate Agonist-evoked Translocation of Protease-activated Receptor-2 from the Golgi Apparatus to the Plasma Membrane. Journal of Biological Chemistry, 2016, 291, 11285-11299.	1.6	19
44	Legumain is activated in macrophages during pancreatitis. American Journal of Physiology - Renal Physiology, 2016, 311, G548-G560.	1.6	35
45	Plasma membrane localization of the Î¼-opioid receptor controls spatiotemporal signaling. Science Signaling, 2016, 9, ra16.	1.6	61
46	<scp>GPCR</scp>â€mediated <scp>EGF</scp> receptor transactivation regulates <scp>TRPV</scp>4 action in the vasculature. British Journal of Pharmacology, 2015, 172, 2493-2506.	2.7	49
47	Neutrophil Elastase Activates Protease-activated Receptor-2 (PAR2) and Transient Receptor Potential Vanilloid 4 (TRPV4) to Cause Inflammation and Pain. Journal of Biological Chemistry, 2015, 290, 13875-13887.	1.6	134
48	Quantification and Potential Functions of Endogenous Agonists of Transient Receptor Potential Channels in Patients With Irritable Bowel Syndrome. Gastroenterology, 2015, 149, 433-444.e7.	0.6	116
49	Fatty Acid-binding Proteins 1 and 2 Differentially Modulate the Activation of Peroxisome Proliferator-activated Receptor Î± in a Ligand-selective Manner. Journal of Biological Chemistry, 2015, 290, 13895-13906.	1.6	49
50	P2Y1 Receptor Activation of the TRPV4 Ion Channel Enhances Purinergic Signaling in Satellite Glial Cells. Journal of Biological Chemistry, 2015, 290, 29051-29062.	1.6	39
51	Targeting of Transient Receptor Potential Channels in Digestive Disease. , 2015, , 385-403.		2
52	Inflammation-induced abnormalities in the subcellular localization and trafficking of the neurokinin 1 receptor in the enteric nervous system. American Journal of Physiology - Renal Physiology, 2015, 309, G248-G259.	1.6	15
53	G Protein-Coupled Receptors: Dynamic Machines for Signaling Pain and Itch. Neuron, 2015, 88, 635-649.	3.8	115
54	The G Proteinâ€“Coupled Receptorâ€“Transient Receptor Potential Channel Axis: Molecular Insights for Targeting Disorders of Sensation and Inflammation. Pharmacological Reviews, 2015, 67, 36-73.	7.1	131

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55	Activation of Mu Opioid Receptors Sensitizes Transient Receptor Potential Vanilloid Type 1 (TRPV1) via Î²-Arrestin-2-Mediated Cross-Talk. PLoS ONE, 2014, 9, e93688.	1.1	39
56	Cathepsin S Causes Inflammatory Pain via Biased Agonism of PAR2 and TRPV4. Journal of Biological Chemistry, 2014, 289, 27215-27234.	1.6	153
57	Biased Signaling of Protease-Activated Receptors. Frontiers in Endocrinology, 2014, 5, 67.	1.5	201
58	Proteolytic Activation of the Human Epithelial Sodium Channel by Trypsin IV and Trypsin I Involves Distinct Cleavage Sites. Journal of Biological Chemistry, 2014, 289, 19067-19078.	1.6	31
59	Endothelin-converting Enzyme 1 and Î²-Arrestins Exert Spatiotemporal Control of Substance P-induced Inflammatory Signals. Journal of Biological Chemistry, 2014, 289, 20283-20294.	1.6	21
60	Neuroâ€humoral signalling by bile acids and the TGR5 receptor in the gastrointestinal tract. Journal of Physiology, 2014, 592, 2943-2950.	1.3	72
61	Tachykinins and Their Receptors: Contributions to Physiological Control and the Mechanisms of Disease. Physiological Reviews, 2014, 94, 265-301.	13.1	476
62	The Bile Acid Receptor TGR5 Activates the TRPA1 Channel to Induce Itch in Mice. Gastroenterology, 2014, 147, 1417-1428.	0.6	188
63	Localisation and activation of the neurokinin 1 receptor in the enteric nervous system of the mouse distal colon. Cell and Tissue Research, 2014, 356, 319-332.	1.5	11
64	Feeding-dependent activation of enteric cells and sensory neurons by lymphatic fluid: evidence for a neurolymphocrine system. American Journal of Physiology - Renal Physiology, 2014, 306, G686-G698.	1.6	10
65	Neural peptidase endothelin-converting enzyme 1 regulates endothelin 1â€“induced pruritus. Journal of Clinical Investigation, 2014, 124, 2683-2695.	3.9	81
66	The Bile Acid Receptor TGR5 Does Not Interact with Î²-Arrestins or Traffic to Endosomes but Transmits Sustained Signals from Plasma Membrane Rafts. Journal of Biological Chemistry, 2013, 288, 22942-22960.	1.6	78
67	The Receptor TGR5 Mediates the Prokinetic Actions of Intestinal Bile Acids and Is Required for Normal Defecation in Mice. Gastroenterology, 2013, 144, 145-154.	0.6	265
68	Activation of G protein-coupled bile acid receptor, TGR5, induces smooth muscle relaxation via both Epac- and PKA-mediated inhibition of RhoA/Rho kinase pathway. American Journal of Physiology - Renal Physiology, 2013, 304, G527-G535.	1.6	65
69	Agonist-biased Trafficking of Somatostatin Receptor 2A in Enteric Neurons. Journal of Biological Chemistry, 2013, 288, 25689-25700.	1.6	35
70	Arresting inflammation: contributions of plasma membrane and endosomal signalling to neuropeptide-driven inflammatory disease. Biochemical Society Transactions, 2013, 41, 137-143.	1.6	13
71	Protease-activated Receptor 2 (PAR2) Protein and Transient Receptor Potential Vanilloid 4 (TRPV4) Protein Coupling Is Required for Sustained Inflammatory Signaling*. Journal of Biological Chemistry, 2013, 288, 5790-5802.	1.6	140
72	Sensitization of Peripheral Sensory Nerves by Mediators From Colonic Biopsies of Diarrhea-Predominant Irritable Bowel Syndrome Patients: A Role for PAR2. American Journal of Gastroenterology, 2013, 108, 1634-1643.	0.2	90

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73	The TGR5 receptor mediates bile acidâ€“induced itch and analgesia. Journal of Clinical Investigation, 2013, 123, 1513-1530.	3.9	301
74	Endothelin-Converting Enzyme-1 Actions Determine Differential Trafficking and Signaling of Corticotropin-Releasing Factor Receptor 1 at High Agonist Concentrations. Molecular Endocrinology, 2012, 26, 681-695.	3.7	30
75	Neurotensin-induced Proinflammatory Signaling in Human Colonocytes Is Regulated by Î²-Arrestins and Endothelin-converting Enzyme-1-dependent Endocytosis and Resensitization of Neurotensin Receptor 1. Journal of Biological Chemistry, 2012, 287, 15066-15075.	1.6	31
76	N-Glycosylation Determines Ionic Permeability and Desensitization of the TRPV1 Capsaicin Receptor. Journal of Biological Chemistry, 2012, 287, 21765-21772.	1.6	44
77	Proteolytic activation of the epithelial sodium channel (ENaC) by the cysteine protease cathepsin-S. Pflugers Archiv European Journal of Physiology, 2012, 464, 353-365.	1.3	54
78	Cathepsin S Is Activated During Colitis and Causes Visceral Hyperalgesia by a PAR2-Dependent Mechanism in Mice. Gastroenterology, 2011, 141, 1864-1874.e3.	0.6	76
79	Transient Receptor Potential Ankyrin 1 Is Expressed by Inhibitory Motoneurons of the Mouse Intestine. Gastroenterology, 2011, 141, 565-575.e4.	0.6	81
80	Localization and Regulation of Fluorescently Labeled Delta Opioid Receptor, Expressed in Enteric Neurons of Mice. Gastroenterology, 2011, 141, 982-991.e8.	0.6	58
81	CGRP induction in cystic fibrosis airways alters the submucosal gland progenitor cell niche in mice. Journal of Clinical Investigation, 2011, 121, 3144-3158.	3.9	40
82	Endothelinâ€converting enzymeâ€1 regulates trafficking and signalling of the neurokinin 1 receptor in endosomes of myenteric neurones. Journal of Physiology, 2011, 589, 5213-5230.	1.3	31
83	Serine proteases mediate inflammatory pain in acute pancreatitis. American Journal of Physiology - Renal Physiology, 2011, 300, G1033-G1042.	1.6	30
84	Protein phosphatase 2A mediates resensitization of the neurokinin 1 receptor. American Journal of Physiology - Cell Physiology, 2011, 301, C780-C791.	2.1	24
85	Localization and identification of protease activity in acute pancreatitis using in vivo molecular imaging. Journal of the American College of Surgeons, 2010, 211, S11-S12.	0.2	0
86	Pungent General Anesthetics Activate Transient Receptor Potential-A1 to Produce Hyperalgesia and Neurogenic Bronchoconstriction. Anesthesiology, 2010, 112, 1452-1463.	1.3	58
87	Transient receptor potential ion channels V4 and A1 contribute to pancreatitis pain in mice. American Journal of Physiology - Renal Physiology, 2010, 299, G556-G571.	1.6	76
88	Transient receptor potential ankyrin-1 has a major role in mediating visceral pain in mice. American Journal of Physiology - Renal Physiology, 2010, 298, G81-G91.	1.6	105
89	Trafficking and Signaling of G Protein-Coupled Receptors in the Nervous System: Implications for Disease and Therapy. CNS and Neurological Disorders - Drug Targets, 2010, 9, 539-556.	0.8	17
90	Endothelinâ€converting enzymeâ€1 (ECEâ€1)â€dependent trafficking of corticotropinâ€releasing factor receptor 1 (CRFâ€R 1).. FASEB Journal, 2010, 24, lb652.	0.2	0

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91	Endosomes: A legitimate platform for the signaling train. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17615-17622.	3.3	317
92	Endosomal Deubiquitinating Enzymes Control Ubiquitination and Down-regulation of Protease-activated Receptor 2. Journal of Biological Chemistry, 2009, 284, 28453-28466.	1.6	71
93	Endosomal Endothelin-converting Enzyme-1. Journal of Biological Chemistry, 2009, 284, 22411-22425.	1.6	56
94	Protein kinase D isoforms are expressed in rat and mouse primary sensory neurons and are activated by agonists of proteaseâ€activated receptor 2. Journal of Comparative Neurology, 2009, 516, 141-156.	0.9	29
95	Calcitonin receptorâ€like receptor (CLR), receptor activityâ€modifying protein 1 (RAMP1), and calcitonin geneâ€related peptide (CGRP) immunoreactivity in the rat trigeminovascular system: Differences between peripheral and central CGRP receptor distribution. Journal of Comparative Neurology, 2008, 507, 1277-1299.	0.9	287
96	Calcitonin receptor-like receptor (CLR), receptor activity-modifying protein 1 (RAMP1), and calcitonin gene-related peptide (CGRP) immunoreactivity in the rat trigeminovascular system: Differences between peripheral and central CGRP receptor distribution. Journal of Comparative Neurology, 2008, 507, spc1-spc1.	0.9	0
97	Calcitonin receptor-like receptor (CLR), receptor activity-modifying protein 1 (RAMP1), and calcitonin gene-related peptide (CGRP) immunoreactivity in the rat trigeminovascular system: Differences between peripheral and central CGRP receptor distribution. Journal of Comparative Neurology, 2008, 507, spc1-spc1.	0.9	0
98	Proteinase-activated Receptor-2 Induces Cyclooxygenase-2 Expression through Î²-Catenin and Cyclic AMP-response Element-binding Protein. Journal of Biological Chemistry, 2008, 283, 809-815.	1.6	42
99	Cox-dependent fatty acid metabolites cause pain through activation of the irritant receptor TRPA1. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12045-12050.	3.3	146
100	Endothelin-Converting Enzyme-1 Degrades Internalized Somatostatin-14. Endocrinology, 2008, 149, 2200-2207.	1.4	33
101	Transient receptor potential vanilloid 4 mediates protease activated receptor 2-induced sensitization of colonic afferent nerves and visceral hyperalgesia. American Journal of Physiology - Renal Physiology, 2008, 294, G1288-G1298.	1.6	127
102	Cigarette smokeâ€“induced neurogenic inflammation is mediated by Î±,Î²-unsaturated aldehydes and the TRPA1 receptor in rodents. Journal of Clinical Investigation, 2008, 118, 2574-82.	3.9	328
103	Hepatocyte Growth Factor-regulated Tyrosine Kinase Substrate (HRS) Mediates Post-endocytic Trafficking of Protease-activated Receptor 2 and Calcitonin Receptor-like Receptor. Journal of Biological Chemistry, 2007, 282, 29646-29657.	1.6	60
104	Agonists of protease-activated receptors 1 and 2 stimulate electrolyte secretion from mouse gallbladder. American Journal of Physiology - Renal Physiology, 2007, 293, G335-G346.	1.6	12
105	Endothelin-converting enzyme-1 regulates endosomal sorting of calcitonin receptor-like receptor and Î²-arrestins. Journal of Cell Biology, 2007, 179, 981-997.	2.3	91
106	Post-endocytic Sorting of Calcitonin Receptor-like Receptor and Receptor Activity-modifying Protein 1. Journal of Biological Chemistry, 2007, 282, 12260-12271.	1.6	66
107	4-Hydroxynonenal, an endogenous aldehyde, causes pain and neurogenic inflammation through activation of the irritant receptor TRPA1. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13519-13524.	3.3	655
108	Endothelin-converting enzyme 1 degrades neuropeptides in endosomes to control receptor recycling. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11838-11843.	3.3	70

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109	Mast Cell-Dependent Excitation of Visceral-Nociceptive Sensory Neurons in Irritable Bowel Syndrome. Gastroenterology, 2007, 132, 26-37.	0.6	668
110	Protease-Activated Receptor 2, Dipeptidyl Peptidase I, and Proteases Mediate Clostridium difficile Toxin A Enteritis. Gastroenterology, 2007, 132, 2422-2437.	0.6	47
111	Protease-activated receptor 2 sensitizes the transient receptor potential vanilloid 4 ion channel to cause mechanical hyperalgesia in mice. Journal of Physiology, 2007, 578, 715-733.	1.3	338
112	Mechanisms of protease-activated receptor 2-evoked hyperexcitability of nociceptive neurons innervating the mouse colon. Journal of Physiology, 2007, 580, 977-991.	1.3	53
113	Substance P released by TRPV1-expressing neurons produces reactive oxygen species that mediate ethanol-induced gastric injury. Free Radical Biology and Medicine, 2007, 43, 581-589.	1.3	77
114	Trypsin IV or Mesotrypsin and p23 Cleave Protease-activated Receptors 1 and 2 to Induce Inflammation and Hyperalgesia. Journal of Biological Chemistry, 2007, 282, 26089-26100.	1.6	92
115	Role for protease activity in visceral pain in irritable bowel syndrome. Journal of Clinical Investigation, 2007, 117, 636-647.	3.9	490
116	Expression of the neurokinin type 1 receptor in the human colon. Autonomic Neuroscience: Basic and Clinical, 2006, 124, 9-17.	1.4	16
117	Transmembrane Signaling by G Proteinâ€"Coupled Receptors. , 2006, , 63-90.		0
118	Protease-activated receptor-2 activation exaggerates TRPV1-mediated cough in guinea pigs. Journal of Applied Physiology, 2006, 101, 506-511.	1.2	75
119	Protease-activated receptor 2 sensitizes TRPV1 by protein kinase CÉ›- and A-dependent mechanisms in rats and mice. Journal of Physiology, 2006, 575, 555-571.	1.3	243
120	Protease-Activated Receptors: How Proteases Signal to Cells to Cause Inflammation and Pain. Seminars in Thrombosis and Hemostasis, 2006, 32, 039-048.	1.5	110
121	Neuronal Control of Skin Function: The Skin as a Neuroimmunoendocrine Organ. Physiological Reviews, 2006, 86, 1309-1379.	13.1	536
122	Transient receptor potential vanilloid 1, calcitonin gene-related peptide, and substance P mediate nociception in acute pancreatitis. American Journal of Physiology - Renal Physiology, 2006, 290, G959-G969.	1.6	90
123	Protease-Activated Receptors in Gastrointestinal Function and Disease. , 2006, , 1-31.		0
124	Ubiquitin-dependent Down-regulation of the Neurokinin-1 Receptor. Journal of Biological Chemistry, 2006, 281, 27773-27783.	1.6	58
125	Proteinase-activated Receptors, Targets for Kallikrein Signaling*. Journal of Biological Chemistry, 2006, 281, 32095-32112.	1.6	217
126	A role for proteinase-activated receptor-1 in inflammatory bowel diseases. Journal of Clinical Investigation, 2006, 116, 2056-2056.	3.9	5

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127	Transient Receptor Potential Vanilloid (TRPV-1) Promotes Neurogenic Inflammation in the Pancreas Via Activation of the Neurokinin-1 Receptor (NK-1R). Pancreas, 2005, 30, 260-265.	0.5	66
128	Protease-Activated Receptors: Regulation of Neuronal Function. NeuroMolecular Medicine, 2005, 7, 079-100.	1.8	59
129	Localization of calcitonin receptor-like receptor and receptor activity modifying protein 1 in enteric neurons, dorsal root ganglia, and the spinal cord of the rat. Journal of Comparative Neurology, 2005, 490, 239-255.	0.9	100
130	Mast Cell Tryptase Controls Paracellular Permeability of the Intestine. Journal of Biological Chemistry, 2005, 280, 31936-31948.	1.6	286
131	Pseudomonas aeruginosaElastase Disables Proteinase-Activated Receptor 2 in Respiratory Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 411-419.	1.4	120
132	c-Cbl Mediates Ubiquitination, Degradation, and Down-regulation of Human Protease-activated Receptor 2. Journal of Biological Chemistry, 2005, 280, 16076-16087.	1.6	119
133	The stressed gut: Contributions of intestinal stress peptides to inflammation and motility. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7409-7410.	3.3	19
134	Neutral Endopeptidase Determines the Severity of Pancreatitis-Associated Lung Injury1. Journal of Surgical Research, 2005, 128, 21-27.	0.8	23
135	Trypsin IV, a Novel Agonist of Protease-activated Receptors 2 and 4. Journal of Biological Chemistry, 2004, 279, 13532-13539.	1.6	155
136	Cutaneous allergic contact dermatitis responses are diminished in mice deficient in neurokinin 1 receptors and augmented by neurokinin 2 receptor blockage. FASEB Journal, 2004, 18, 1007-1009.	0.2	48
137	Recycling and Resensitization of the Neurokinin 1 Receptor. Journal of Biological Chemistry, 2004, 279, 30670-30679.	1.6	74
138	Protease-Activated Receptors: Contribution to Physiology and Disease. Physiological Reviews, 2004, 84, 579-621.	13.1	1,012
139	Activated mast cells in proximity to colonic nerves correlate with abdominal pain in irritable bowel syndrome. Gastroenterology, 2004, 126, 693-702.	0.6	1,246
140	Protease-Activated Receptor 2 Sensitizes the Capsaicin Receptor Transient Receptor Potential Vanilloid Receptor 1 to Induce Hyperalgesia. Journal of Neuroscience, 2004, 24, 4300-4312.	1.7	381
141	A role for proteinase-activated receptorâ€“1 in inflammatory bowel diseases. Journal of Clinical Investigation, 2004, 114, 1444-1456.	3.9	82
142	Mast cell tryptase and proteinaseâ€activated receptor 2 induce hyperexcitability of guineaâ€pig submucosal neurons. Journal of Physiology, 2003, 547, 531-542.	1.3	151
143	Colitis induced by proteinase-activated receptor-2 agonists is mediated by a neurogenic mechanism. Canadian Journal of Physiology and Pharmacology, 2003, 81, 920-927.	0.7	81
144	Proinflammatory role of proteinaseâ€activated receptorâ€2 in humans and mice during cutaneous inflammation in vivo. FASEB Journal, 2003, 17, 1871-1885.	0.2	121

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145	Proteinase-Activated Receptor-2-Induced Colonic Inflammation in Mice: Possible Involvement of Afferent Neurons, Nitric Oxide, and Paracellular Permeability. Journal of Immunology, 2003, 170, 4296-4300.	0.4	133
146	Proteinase-Activated Receptor-2 and Human Lung Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 339-346.	1.4	122
147	Rab5a and rab11a mediate agonist-induced trafficking of protease-activated receptor 2. American Journal of Physiology - Cell Physiology, 2003, 284, C1319-C1329.	2.1	73
148	Human Corneal Epithelial Cells Express Functional PAR-1 and PAR-2. , 2003, 44, 99.		27
149	Proteinase-Activated Receptor-2: Physiological and Pathophysiological Roles. Current Medicinal Chemistry Cardiovascular and Hematological Agents, 2003, 1, 61-72.	1.7	40
150	The third intracellular loop and carboxyl tail of neurokinin 1 and 3 receptors determine interactions with Î²-arrestins. American Journal of Physiology - Cell Physiology, 2003, 285, C945-C958.	2.1	41
151	Stimulation of proteinase-activated receptor 2 excites jejunal afferent nerves in anaesthetised rats. Journal of Physiology, 2003, 552, 589-601.	1.3	44
152	Protease-Activated Receptor 2 Mediates Eosinophil Infiltration and Hyperreactivity in Allergic Inflammation of the Airway. Journal of Immunology, 2002, 169, 5315-5321.	0.4	306
153	Heterologous regulation of trafficking and signaling of G protein-coupled receptors: Â-Arrestin-dependent interactions between neurokinin receptors. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3324-3329.	3.3	65
154	Differences in Receptor Binding and Stability to Enzymatic Digestion Between CCK-8 and CCK-58. Pancreas, 2002, 25, e50-e55.	0.5	25
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