

Nathalie Vergnolle

List of Publications by Year in descending order

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Version: 2024-02-01

233
papers

15,689
citations

10351

72
h-index

19136

118
g-index

242
all docs

242
docs citations

242
times ranked

12194
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut mucosa alterations and loss of segmented filamentous bacteria in type 1 diabetes are associated with inflammation rather than hyperglycaemia. <i>Gut</i> , 2022, 71, 296-308.	6.1	14
2	Abdominal pain in irritable bowel syndrome. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 350-350.	8.2	3
3	Increased Mucosal Thrombin is Associated with Crohn's Disease and Causes Inflammatory Damage through Protease-activated Receptors Activation. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 787-799.	0.6	19
4	GSK3 β , a Master Kinase in the Regulation of Adult Stem Cell Behavior. <i>Cells</i> , 2021, 10, 225.	1.8	12
5	Colitis Linked to Endoplasmic Reticulum Stress Induces Trypsin Activity Affecting Epithelial Functions. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1528-1541.	0.6	5
6	Pain Management in a Model of Interstitial Cystitis/Bladder Pain Syndrome by a Vaccinal Strategy. <i>Frontiers in Pain Research</i> , 2021, 2, 642706.	0.9	5
7	Epithelial production of elastase is increased in inflammatory bowel disease and causes mucosal inflammation. <i>Mucosal Immunology</i> , 2021, 14, 667-678.	2.7	17
8	Adipose-Derived Stem Cells in the Treatment of Perianal Fistulas in Crohn's Disease: Rationale, Clinical Results and Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9967.	1.8	14
9	Gastrointestinal biofilms in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 314-334.	8.2	124
10	The INSPIRE research initiative: a program for GeroScience and healthy aging research going from animal models to humans and the healthcare system. <i>Journal of Frailty & Aging, the</i> , 2021, 10, 1-8.	0.8	30
11	The INSPIRE Bio-resource Research Platform for Healthy Aging and Geroscience: Focus on the Human Translational Research Cohort (The INSPIRE-T Cohort). <i>Journal of Frailty & Aging, the</i> , 2021, 10, 1-11.	0.8	17
12	Towards a large-scale assessment of the relationship between biological and chronological aging: The INSPIRE Mouse Cohort. <i>Journal of Frailty & Aging, the</i> , 2021, 10, 1-11.	0.8	9
13	PAR-1 Antagonism to Promote Gut Mucosa Healing in Crohn's Disease Patients: A New Avenue for CVT120165. <i>Inflammatory Bowel Diseases</i> , 2021, 27, S33-S37.	0.9	5
14	REVISITING THE HALLMARKS OF AGING TO IDENTIFY MARKERS OF BIOLOGICAL AGE. <i>journal of prevention of Alzheimer's disease, The</i> , 2020, 7, 1-9.	1.5	56
15	Daphnanes diterpenes from the latex of <i>Hura crepitans</i> L. And activity against human colorectal cancer cells Caco-2. <i>Bioorganic Chemistry</i> , 2020, 103, 104132.	2.0	4
16	Culture of rabbit caecum organoids by reconstituting the intestinal stem cell niche in vitro with pharmacological inhibitors or L-WRN conditioned medium. <i>Stem Cell Research</i> , 2020, 48, 101980.	0.3	11
17	Colon-specific immune microenvironment regulates cancer progression versus rejection. <i>Oncolmmunology</i> , 2020, 9, 1790125.	2.1	17
18	Characterization and Validation of a Chronic Model of Cyclophosphamide-Induced Interstitial Cystitis/Bladder Pain Syndrome in Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 1305.	1.6	33

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19	Characterization of Human Colon Organoids From Inflammatory Bowel Disease Patients. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 363.	1.8	74
20	The Interplay Between Genetic Risk Factors and Proteolytic Dysregulation in the Pathophysiology of Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 1149-1161.	0.6	18
21	Mucosal Thrombin Alters Gut Microbiota Biofilms Structure And Promote Dispersion Of Bacteria With Aggressive Behavior. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
22	Therapeutic Intervention Targeting Mucosal Thrombin Or Protease-Activated Receptor 1 Are Protective Against Colitis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
23	A guardian of gut epithelial barrier from inflammation: the elastase inhibitor ELAFIN. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
24	Characterization of bladder organoid cultures from healthy and cancer tissues. <i>European Urology Supplements</i> , 2019, 18, e660.	0.1	0
25	Active thrombin produced by the intestinal epithelium controls mucosal biofilms. <i>Nature Communications</i> , 2019, 10, 3224.	5.8	39
26	Sexual dimorphism in PAR2-dependent regulation of primitive colonic cells. <i>Biology of Sex Differences</i> , 2019, 10, 47.	1.8	5
27	Duodenal bacterial proteolytic activity determines sensitivity to dietary antigen through protease-activated receptor-2. <i>Nature Communications</i> , 2019, 10, 1198.	5.8	102
28	Multi-hit early life adversity affects gut microbiota, brain and behavior in a sex-dependent manner. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 179-192.	2.0	102
29	Sustainable Positive Response to Sirolimus in Juvenile Polyposis of Infancy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, e38-e40.	0.9	5
30	Aluminum Ingestion Promotes Colorectal Hypersensitivity in Rodents. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 185-196.	2.3	19
31	FAK alternative splice mRNA variants expression pattern in colorectal cancer. <i>International Journal of Cancer</i> , 2019, 145, 494-502.	2.3	21
32	Protease-activated receptor 1 is implicated in irritable bowel syndrome mediators-induced signaling to thoracic human sensory neurons. <i>Pain</i> , 2018, 159, 1257-1267.	2.0	31
33	Mobilization of CD4+ T lymphocytes in inflamed mucosa reduces pain in colitis mice: toward a vaccinal strategy to alleviate inflammatory visceral pain. <i>Pain</i> , 2018, 159, 331-341.	2.0	22
34	5-oxoETE triggers nociception in constipation-predominant irritable bowel syndrome through MAS-related G protein-coupled receptor D. <i>Science Signaling</i> , 2018, 11, .	1.6	44
35	Young GI angle: My biggest (career) mistake. <i>United European Gastroenterology Journal</i> , 2018, 6, 1278-1279.	1.6	0
36	Su1168 - Microbial Proteases Increase Sensitivity to Dietary Antigen Through Par-2 Signaling. <i>Gastroenterology</i> , 2018, 154, S-491-S-492.	0.6	0

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37	Functional Proteomic Profiling of Secreted Serine Proteases in Health and Inflammatory Bowel Disease. <i>Scientific Reports</i> , 2018, 8, 7834.	1.6	67
38	Thrombin modifies growth, proliferation and apoptosis of human colon organoids: a protease-activated receptor 1 and protease-activated receptor 4-dependent mechanism. <i>British Journal of Pharmacology</i> , 2018, 175, 3656-3668.	2.7	26
39	Neurons and Glia in the Enteric Nervous System and Epithelial Barrier Function. <i>Physiology</i> , 2018, 33, 269-280.	1.6	53
40	Pharmacological characterization of Protease-Activated Receptor signaling in the human enteric nervous system. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-5-26.	0.0	0
41	Protease-Activated Receptor 1 is implicated in irritable bowel syndrome mediators-induced signalling to human sensory neurons. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR3-3.	0.0	0
42	Thrombin modifies growth, proliferation and apoptosis of human colon organoids: a PAR1- and PAR4-dependent mechanism. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR21-2.	0.0	0
43	Apelin targets gut contraction to control glucose metabolism via the brain. <i>Gut</i> , 2017, 66, 258-269.	6.1	73
44	Epithelial expression and function of trypsin-3 in irritable bowel syndrome. <i>Gut</i> , 2017, 66, 1767-1778.	6.1	101
45	Protectin D1 _{n-3 DPA} and resolvin D5 _{n-3 DPA} are effectors of intestinal protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3963-3968.	3.3	134
46	Using murine colitis models to analyze probiotics-host interactions. <i>FEMS Microbiology Reviews</i> , 2017, 41, S49-S70.	3.9	47
47	Protease-activated receptor 2 contributes to <i>Toxoplasma gondii</i> -mediated gut inflammation. <i>Parasite Immunology</i> , 2017, 39, e12489.	0.7	12
48	Targeting fatty acid amide hydrolase and transient receptor potential vanilloid 1 simultaneously to modulate colonic motility and visceral sensation in the mouse: A pharmacological intervention with N-arachidonoylserotonin (AA ₅ HT). <i>Neurogastroenterology and Motility</i> , 2017, 29, e13148.	1.6	10
49	Effect of tryptase inhibition on joint inflammation: a pharmacological and lentivirus-mediated gene transfer study. <i>Arthritis Research and Therapy</i> , 2017, 19, 124.	1.6	15
50	Anti-inflammatory and anticancer effects of flavonol glycosides from <i>Diplotaxis harra</i> through GSK3 β regulation in intestinal cells. <i>Pharmaceutical Biology</i> , 2017, 55, 124-131.	1.3	19
51	Bladder telemetry: A new approach to evaluate micturition behavior under physiological and inflammatory conditions. <i>Neurourology and Urodynamics</i> , 2017, 36, 308-315.	0.8	10
52	Proteases. , 2017, , 727-766.		0
53	Gender specific behavioral alterations are associated with gut dysbiosis in mice exposed to multifactorial early-life adversity. <i>European Neuropsychopharmacology</i> , 2017, 27, S682-S683.	0.3	0
54	P100 Intestinal epithelial cells under endoplasmic reticulum stress boosts serine proteolytic activity and modulates barrier function. <i>Journal of Crohn's and Colitis</i> , 2017, 11, S127-S127.	0.6	2

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55	Endogenous analgesia mediated by CD4+ T lymphocytes is dependent on enkephalins in mice. <i>Journal of Neuroinflammation</i> , 2016, 13, 132.	3.1	40
56	Protease inhibition as new therapeutic strategy for GI diseases. <i>Gut</i> , 2016, 65, 1215-1224.	6.1	171
57	Sa1829 Increase of Cysteine Protease Activity Induced by Autophagy Alters the Intestinal Barrier Homeostasis. <i>Gastroenterology</i> , 2016, 150, S375.	0.6	0
58	Sa1828 Endoplasmic Reticulum Stress Alters the Gut Barrier Function by Modulating the Proteolytic Activity of Intestinal Epithelial Cells. <i>Gastroenterology</i> , 2016, 150, S375.	0.6	0
59	MP72-19 IMMUNOTHERAPEUTIC STRATEGY TO TREAT BLADDER PAINFUL SYNDROME IN A CHRONIC RAT MODEL. <i>Journal of Urology</i> , 2016, 195, .	0.2	0
60	Su1947 Mesotrypsin Evokes PAR2 Dependent Excitability of Nociceptive Dorsal Root Ganglia (DRG) Neurons. <i>Gastroenterology</i> , 2016, 150, S596.	0.6	1
61	Reply. <i>Gastroenterology</i> , 2016, 150, 777-778.	0.6	0
62	The Intestinal Microenvironment and Functional Gastrointestinal Disorders. <i>Gastroenterology</i> , 2016, 150, 1305-1318.e8.	0.6	243
63	Formyl Peptide Receptor 2 Plays a Deleterious Role During Influenza A Virus Infections. <i>Journal of Infectious Diseases</i> , 2016, 214, 237-247.	1.9	34
64	A novel orally administered trimebutine compound (<sc>GIC</sc>â€1001) is antiâ€nociceptive and features peripheral opioid agonistic activity and Hydrogen Sulphideâ€releasing capacity in mice. <i>European Journal of Pain</i> , 2016, 20, 723-730.	1.4	26
65	PAR₂-dependent activation of GSK3 ^{Î²} regulates the survival of colon stem/progenitor cells. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G221-G236.	1.6	23
66	F16357, a novel proteaseâ€activated receptor 1 antagonist, improves urodynamic parameters in a rat model of interstitial cystitis. <i>British Journal of Pharmacology</i> , 2016, 173, 2224-2236.	2.7	12
67	The arachidonic acid metabolite 11 ^{Î²} -ProstaglandinF2 ^{Î±} controls intestinal epithelial healing: deficiency in patients with Crohnâ€™s disease. <i>Scientific Reports</i> , 2016, 6, 25203.	1.6	35
68	184 Regulation of the Enteric Neuromotor and Sensory Functions in the Mouse With N-Arachidonoyl-Serotonin (AA-5-HT), a Dual Fatty Acid Amide Hydrolase (FAAH) Inhibitor and TRPV1 Antagonist. <i>Gastroenterology</i> , 2016, 150, S48.	0.6	0
69	Su1949 Protease-Activated Receptors Are Expressed and Can Be Activated in Human Sensory Neurons. <i>Gastroenterology</i> , 2016, 150, S596-S597.	0.6	2
70	Sacral nerve stimulation enhances early intestinal mucosal repair following mucosal injury in a pig model. <i>Journal of Physiology</i> , 2016, 594, 4309-4323.	1.3	26
71	Presence of commensal house dust mite allergen in human gastrointestinal tract: a potential contributor to intestinal barrier dysfunction. <i>Gut</i> , 2016, 65, 757-766.	6.1	64
72	Defects in 15-HETE Production and Control of Epithelial Permeability by Human Enteric Glial Cells From Patients With Crohnâ€™s Disease. <i>Gastroenterology</i> , 2016, 150, 168-180.	0.6	64

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73	Quantification and Potential Functions of Endogenous Agonists of Transient Receptor Potential Channels in Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2015, 149, 433-444.e7.	0.6	116
74	Tu1829 Discovery of an Epithelial Form of Elastase in the Intestine That Participates to Mucosal Inflammation in IBD. <i>Gastroenterology</i> , 2015, 148, S-913-S-914.	0.6	0
75	613 Epithelial Mesotrypsin in IBS: Expression and Function. <i>Gastroenterology</i> , 2015, 148, S-120.	0.6	2
76	Su1217 Quantification of Mucosal Polyunsaturated Fatty Acid Metabolites: Association With Crohn's Disease Pathophysiology. <i>Gastroenterology</i> , 2015, 148, S-441.	0.6	0
77	Serine protease inhibitors protect better than IL-10 and TGF- β 2 anti-inflammatory cytokines against mouse colitis when delivered by recombinant lactococci. <i>Microbial Cell Factories</i> , 2015, 14, 26.	1.9	103
78	Protective effects of n-6 fatty acids-enriched diet on intestinal ischaemia/reperfusion injury involve lipoxin A4 and its receptor. <i>British Journal of Pharmacology</i> , 2015, 172, 910-923.	2.7	29
79	Effects of 1-week sacral nerve stimulation on the rectal intestinal epithelial barrier and neuromuscular transmission in a porcine model. <i>Neurogastroenterology and Motility</i> , 2015, 27, 40-50.	1.6	8
80	TRPV1 sensitization mediates postinflammatory visceral pain following acute colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G87-G99.	1.6	92
81	Activation of the endogenous nociceptin system by selective nociceptin receptor agonist SCH 221510 produces antitransit and antinociceptive effect: a novel strategy for treatment of diarrhoea-predominant IBS. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1539-1550.	1.6	16
82	Chronic stress mediators act synergistically on colonic nociceptive mouse dorsal root ganglia neurons to increase excitability. <i>Neurogastroenterology and Motility</i> , 2014, 26, 334-345.	1.6	27
83	TRPV4: New therapeutic target for inflammatory bowel diseases. <i>Biochemical Pharmacology</i> , 2014, 89, 157-161.	2.0	45
84	Novel Role of the Serine Protease Inhibitor Elafin in Gluten-Related Disorders. <i>American Journal of Gastroenterology</i> , 2014, 109, 748-756.	0.2	56
85	Endogenous Regulation of Visceral Pain via Production of Opioids by Colitogenic CD4+ T Cells in Mice. <i>Gastroenterology</i> , 2014, 146, 166-175.	0.6	80
86	Activated protein C based therapeutic strategies in chronic diseases. <i>Thrombosis and Haemostasis</i> , 2014, 111, 610-617.	1.8	27
87	LC-MS/MS method for rapid and concomitant quantification of pro-inflammatory and pro-resolving polyunsaturated fatty acid metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 123-133.	1.2	172
88	Engineering lactococci and lactobacilli for human health. <i>Current Opinion in Microbiology</i> , 2013, 16, 278-283.	2.3	148
89	Relevance of the cyclophosphamide-induced cystitis model for pharmacological studies targeting inflammation and pain of the bladder. <i>European Journal of Pharmacology</i> , 2013, 707, 32-40.	1.7	59
90	Mucosal targeting of therapeutic molecules using genetically modified lactic acid bacteria: an update. <i>FEMS Microbiology Letters</i> , 2013, 344, 1-9.	0.7	73

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91	TRPM8 activation attenuates inflammatory responses in mouse models of colitis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7476-7481.	3.3	147
92	A vasculo-protective circuit centered on lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 operative in murine microcirculation. Blood, 2013, 122, 608-617.	0.6	80
93	Modulation of Protease Activated Receptor 1 Influences Human Metapneumovirus Disease Severity in a Mouse Model. PLoS ONE, 2013, 8, e72529.	1.1	33
94	Polyunsaturated Fatty Acid Metabolism Signature in Ischemia Differs from Reperfusion in Mouse Intestine. PLoS ONE, 2013, 8, e75581.	1.1	16
95	A Spontaneous Mutation of the Rat Themis Gene Leads to Impaired Function of Regulatory T Cells Linked to Inflammatory Bowel Disease. PLoS Genetics, 2012, 8, e1002461.	1.5	32
96	Sex differences in the GSK3 β -mediated survival of adherent leukemic progenitors. Oncogene, 2012, 31, 694-705.	2.6	24
97	Serine Protease Inhibition Reduces Post-Ischemic Granulocyte Recruitment in Mouse Intestine. American Journal of Pathology, 2012, 180, 141-152.	1.9	31
98	Food-Grade Bacteria Expressing Elafin Protect Against Inflammation and Restore Colon Homeostasis. Science Translational Medicine, 2012, 4, 158ra144.	5.8	198
99	Mo1854 Quantification of Endogenous Agonist of Transient Receptor Potential (TRP) in Tissues From Irritable Bowel Syndrome (IBS) Patients. Gastroenterology, 2012, 142, S-700.	0.6	0
100	New neostigmine-based behavioral mouse model of abdominal pain. Pharmacological Reports, 2012, 64, 1146-1154.	1.5	11
101	Focal Adhesion Kinase Splice Variants Maintain Primitive Acute Myeloid Leukemia Cells Through Altered Wnt Signaling. Stem Cells, 2012, 30, 1597-1610.	1.4	41
102	Role of transient receptor potential vanilloid 4 in rat joint inflammation. Arthritis and Rheumatism, 2012, 64, 1848-1858.	6.7	39
103	Immune conditions associated with CD4+ T effector-induced opioid release and analgesia. Pain, 2012, 153, 485-493.	2.0	43
104	Inhibition of sensory afferents activation and visceral pain by a brominated algal diterpene. Neurogastroenterology and Motility, 2012, 24, e336-43.	1.6	10
105	Mediators of Chronic Stress and Tissue Proteases Interact to Potentiate the Excitability of Colonic Nociceptive Dorsal Root Ganglia Neurons in a Model of Post-Infectious IBS. Gastroenterology, 2011, 140, S-537.	0.6	0
106	Transient Receptor Potential Vanilloid 4 Activated Inflammatory Signals by Intestinal Epithelial Cells and Colitis in Mice. Gastroenterology, 2011, 140, 275-285.e3.	0.6	125
107	Modifying the Protease, Antiprotease Pattern by Elafin Overexpression Protects Mice From Colitis. Gastroenterology, 2011, 140, 1272-1282.	0.6	102
108	Brain-Gut Interactions Increase Peripheral Nociceptive Signaling in Mice With Postinfectious Irritable Bowel Syndrome. Gastroenterology, 2011, 141, 2098-2108.e5.	0.6	75

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109	Elafin Antiprotease Prevents the Development of Colitis in Mice by Inhibiting Two Neutrophil Serine Proteases: Elastase and Proteinase 3. <i>Gastroenterology</i> , 2011, 140, S-518.	0.6	1
110	Mesotrypsin/Trypsin IV Expression and Role of Serine Protease Activity in Response to Pathogenic or Commensal Forms of <i>E. coli</i> . <i>Gastroenterology</i> , 2011, 140, S-637.	0.6	0
111	Involvement of Transient Receptor Potential Vanilloid 4 (TRPV4) in Hypersensitivity Associated With Irritable Bowel Syndrome (IBS). <i>Gastroenterology</i> , 2011, 140, S-538.	0.6	0
112	Increased Proteolytic Activity at Mucosal Surfaces in IBD Patients: A Possible Role for Elafin. <i>Gastroenterology</i> , 2011, 140, S-695.	0.6	2
113	Protease-Activated Receptor 1, 2 but Not 4 Sensitizes Transient Receptor Potential Vanilloid 4 in Human Intestinal Epithelial Cells. <i>Gastroenterology</i> , 2011, 140, S-840.	0.6	0
114	811 ALTERATIONS IN INFLAMMATORY MEDIATORS IN A RAT MODEL OF CYCLOPHOSPHAMIDE-INDUCED ACUTE VISCERAL PAIN. <i>Journal of Urology</i> , 2011, 185, .	0.2	0
115	Mesalazine (5-aminosalicylic acid) alters faecal bacterial profiles, but not mucosal proteolytic activity in diarrhoea-predominant irritable bowel syndrome. <i>Alimentary Pharmacology and Therapeutics</i> , 2011, 34, 374-383.	1.9	82
116	Role of proteinase-activated receptor-2 in anti-bacterial and immunomodulatory effects of interferon- β on human neutrophils and monocytes. <i>Immunology</i> , 2011, 133, 329-339.	2.0	12
117	Proteases/Antiproteases in Inflammatory Bowel Diseases. , 2011, , 173-215.		3
118	Endogenous Opioid-Mediated Analgesia Is Dependent on Adaptive T Cell Response in Mice. <i>Journal of Immunology</i> , 2011, 186, 5078-5084.	0.4	60
119	Mechanisms Behind the Anti-inflammatory Actions of Insulin. <i>Critical Reviews in Immunology</i> , 2011, 31, 307-340.	1.0	34
120	Contribution of bone marrow-derived cells to the pro-inflammatory effects of protease-activated receptor-2 in colitis. <i>Inflammation Research</i> , 2010, 59, 699-709.	1.6	19
121	A role for transient receptor potential vanilloid 4 in tonic α -induced neurogenic inflammation. <i>British Journal of Pharmacology</i> , 2010, 159, 1161-1173.	2.7	85
122	Protease-activated Receptor-2 (par ₂) in Human Periodontitis. <i>Journal of Dental Research</i> , 2010, 89, 948-953.	2.5	39
123	Insulin Modulates Protease-Activated Receptor 2 Signaling: Implications for the Innate Immune Response. <i>Journal of Immunology</i> , 2010, 184, 2702-2709.	0.4	20
124	Potential of TRPV4 signalling by histamine and serotonin: an important mechanism for visceral hypersensitivity. <i>Gut</i> , 2010, 59, 481-488.	6.1	130
125	PAR ₂ and Temporomandibular Joint Inflammation in the Rat. <i>Journal of Dental Research</i> , 2010, 89, 1123-1128.	2.5	15
126	Visceral afferents: What role in post-inflammatory pain?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 153, 79-83.	1.4	10

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127	Protective Role for Protease-Activated Receptor-2 against Influenza Virus Pathogenesis via an IFN- β -Dependent Pathway. <i>Journal of Immunology</i> , 2009, 182, 7795-7802.	0.4	75
128	Thrombin receptor: An endogenous inhibitor of inflammatory pain, activating opioid pathways. <i>Pain</i> , 2009, 146, 121-129.	2.0	42
129	Protease-activated receptors as drug targets in inflammation and pain. , 2009, 123, 292-309.		113
130	Development, plasticity and modulation of visceral afferents. <i>Brain Research Reviews</i> , 2009, 60, 171-186.	9.1	76
131	Triggering of proteinase-activated receptor 4 leads to joint pain and inflammation in mice. <i>Arthritis and Rheumatism</i> , 2009, 60, 728-737.	6.7	66
132	Protease-activated receptor 4 (PAR ₄): a role as inhibitor of visceral pain and hypersensitivity. <i>Neurogastroenterology and Motility</i> , 2009, 21, 1189.	1.6	91
133	Analgesic properties of S100A9 C-terminal domain: a mechanism dependent on calcium channel inhibition. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 427-438.	1.0	14
134	700 Protease-Activated Receptor-4 (PAR4) Activation: Evidences for Its Role and Activation in the Pathogenesis of Colitis and in Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2009, 136, A-110.	0.6	1
135	W1712 Protease-Activated Receptor-4 (PAR4) Inhibits Pro-Nociceptive Signals and Visceral Hypersensitivity. <i>Gastroenterology</i> , 2009, 136, A-722.	0.6	0
136	Postinflammatory visceral sensitivity and pain mechanisms. <i>Neurogastroenterology and Motility</i> , 2008, 20, 73-80.	1.6	52
137	Mechanisms underlying the nociceptive and inflammatory responses induced by trypsin in the mouse paw. <i>European Journal of Pharmacology</i> , 2008, 581, 204-215.	1.7	34
138	Transient Receptor Potential Vanilloid-4 Has a Major Role in Visceral Hypersensitivity Symptoms. <i>Gastroenterology</i> , 2008, 135, 937-946.e2.	0.6	146
139	Protease Signaling to G Protein-Coupled Receptors: Implications for Inflammation and Pain. <i>Journal of Receptor and Signal Transduction Research</i> , 2008, 28, 29-37.	1.3	35
140	Protease-activated receptor-2 activation: a major actor in intestinal inflammation. <i>Gut</i> , 2008, 57, 1222-1229.	6.1	88
141	Proteinase-activated receptors (PARs) in infection and inflammation in the gut. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1219-1227.	1.2	27
142	T1456 Histamine and Serotonin Sensitizes the Transient Receptor Potential Vanilloid Receptor 4 to Induce Visceral Allodynia and Hyperalgesia. <i>Gastroenterology</i> , 2008, 134, A-559-A-560.	0.6	3
143	Intrathecal Administration of Proteinase-Activated Receptor-2 Agonists Produces Hyperalgesia by Exciting the Cell Bodies of Primary Sensory Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 224-233.	1.3	43
144	Derivatized 2-Furoyl-LIGRLO-amide, a Versatile and Selective Probe for Proteinase-Activated Receptor 2: Binding and Visualization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 453-462.	1.3	37

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145	Neutrophil-mediated Activation of Epithelial Protease-Activated Receptors-1 and -2 Regulates Barrier Function and Transepithelial Migration. <i>Journal of Immunology</i> , 2008, 181, 5702-5710.	0.4	94
146	Agonists of Proteinase-Activated Receptor-2 Enhance IFN- β -Inducible Effects on Human Monocytes: Role in Influenza A Infection. <i>Journal of Immunology</i> , 2008, 180, 6903-6910.	0.4	21
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