

Hamid I Akbarali

List of Publications by Year in descending order

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127
papers

2,915
citations

136950

32
h-index

189892

50
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135
all docs

135
docs citations

135
times ranked

3187
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cannabinoid Receptor Type 1 Positive Allosteric Modulator ZCZ011 Attenuates Naloxone-Precipitated Diarrhea and Weight Loss in Oxycodone-Dependent Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2022, 380, 1-14.	2.5	7
2	Chronic Morphine Induces IL-18 in Ileum Myenteric Plexus Neurons Through Mu-opioid Receptor Activation in Cholinergic and VIPergic Neurons. <i>Journal of Neuroimmune Pharmacology</i> , 2022, 17, 111-130.	4.1	3
3	Chemotherapy induced gastrointestinal toxicities. <i>Advances in Cancer Research</i> , 2022, , 131-166.	5.0	24
4	Sex-specific role for serotonin 5-HT _{2A} receptor in modulation of opioid-induced antinociception and reward in mice. <i>Neuropharmacology</i> , 2022, 209, 108988.	4.1	7
5	Distinct Mechanisms of Morphine Tolerance in Enteric Neurons and Dorsal Root Ganglia Neurons: Role of β -arrestin-2. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
6	Methylnaltrexone crosses the blood-brain barrier and attenuates centrally-mediated behavioral effects of morphine and oxycodone in mice. <i>Neuropharmacology</i> , 2021, 185, 108437.	4.1	2
7	Editorial: The Gut Microbiota Orchestrates the Neuronal-Immune System. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 672685.	3.7	1
8	Role of β -arrestin-2 in short- and long-term opioid tolerance in the dorsal root ganglia. <i>European Journal of Pharmacology</i> , 2021, 899, 174007.	3.5	10
9	The Guts of the Opioid Crisis. <i>Physiology</i> , 2021, 36, 315-323.	3.1	6
10	Monoacylglycerol Lipase Inhibition: A Strategy to Treat Chronic Pain in a Humanized Sickle Cell Mouse Model. <i>Blood</i> , 2021, 138, 956-956.	1.4	0
11	Morphine Exacerbates Experimental Colitis-Induced Depression of Nesting in Mice. <i>Frontiers in Pain Research</i> , 2021, 2, 738499.	2.0	5
12	The "Culture" of Pain Control: A Review of Opioid-Induced Dysbiosis (OID) in Antinociceptive Tolerance. <i>Journal of Pain</i> , 2020, 21, 751-762.	1.4	5
13	Analysis of carbenoxolone by ultra-high-performance liquid chromatography tandem mass spectrometry in mouse brain and blood after systemic administration. <i>Biomedical Chromatography</i> , 2019, 33, e4465.	1.7	3
14	Gastrointestinal motility, dysbiosis and opioid-induced tolerance: is there a link?. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 323-324.	17.8	33
15	Characterization of 17-Cyclopropylmethyl-3,14 β -dihydroxy-4,5 α -epoxy-6 β -(indole-7-carboxamido)morphinan (NAN) as a Novel Opioid Receptor Modulator for Opioid Use Disorder Treatment. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2518-2532.	3.5	17
16	Experimental Colitis Enhances the Rate of Antinociceptive Tolerance to Morphine via Peripheral Opioid Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 504-513.	2.5	17
17	Structure-Activity Relationship Studies of 6 β - and 6 α -Indolylacetamidonaltrexamine Derivatives as Bitopic Mu Opioid Receptor Modulators and Elaboration of the "Message-Address Concept" To Comprehend Their Functional Conversion. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1075-1090.	3.5	28
18	Design, Synthesis, and Biological Evaluation of the Third Generation 17-Cyclopropylmethyl-3,14 β -dihydroxy-4,5 α -epoxy-6 β -(4-pyridyl)carboxamido]morphinan (NAP) Derivatives as μ / δ Opioid Receptor Dual Selective Ligands. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 561-574.	6.4	17

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19	Reversal of the Development of Antinociceptive Effects to Chronic Morphine in Mice by Fecal Microbiota Transplantation (FMT). <i>FASEB Journal</i> , 2019, 33, 1b80.	0.5	0
20	Ethanol Reversal of Oxycodone Tolerance in Dorsal Root Ganglia Neurons. <i>Molecular Pharmacology</i> , 2018, 93, 417-426.	2.3	5
21	Culture of Neurons and Smooth Muscle Cells from the Myenteric Plexus of Adult Mice. <i>Methods in Molecular Biology</i> , 2018, 1727, 119-125.	0.9	11
22	CCR5 mediates HIV-1 Tat-induced neuroinflammation and influences morphine tolerance, dependence, and reward. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 124-138.	4.1	41
23	Mo1578 - The Effect of a G-Protein Biased Ligand, TRV130, on Opioid-Induced Constipation. <i>Gastroenterology</i> , 2018, 154, S-758.	1.3	1
24	Tolerance to Morphine-Induced Inhibition of TTX-R Sodium Channels in Dorsal Root Ganglia Neurons Is Modulated by Gut-Derived Mediators. <i>IScience</i> , 2018, 2, 193-209.	4.1	30
25	Methylation Products of 6 ^{Î²} -N-Heterocyclic Substituted Naltrexamine Derivatives as Potential Peripheral Opioid Receptor Modulators. <i>ACS Chemical Neuroscience</i> , 2018, 9, 3028-3037.	3.5	6
26	The Effect of Colonic Inflammation on Morphine Induced Antinociceptive Tolerance. <i>FASEB Journal</i> , 2018, 32, 701.12.	0.5	0
27	Assessing Opioid Tolerance Mechanisms in an Isolated Murine Dorsal Root Ganglia Neuron Model. <i>FASEB Journal</i> , 2018, 32, 683.8.	0.5	0
28	The effect of gut microbiome on tolerance to morphine mediated antinociception in mice. <i>Scientific Reports</i> , 2017, 7, 42658.	3.3	95
29	Effects of acute and repeated treatment with the biased mu opioid receptor agonist TRV130 (oliceridine) on measures of antinociception, gastrointestinal function, and abuse liability in rodents. <i>Journal of Psychopharmacology</i> , 2017, 31, 730-739.	4.0	135
30	Connexin ⁴³ Purinergic signaling in enteric glia mediates the prolonged effect of morphine on constipation. <i>FASEB Journal</i> , 2017, 31, 2649-2660.	0.5	38
31	Nanoconjugated NAP as a Potent and Periphery Selective Mu Opioid Receptor Modulator To Treat Opioid-Induced Constipation. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 78-83.	2.8	3
32	Reversal of oxycodone and hydrocodone tolerance by diazepam. <i>Brain Research</i> , 2017, 1674, 84-90.	2.2	5
33	Ethanol Reversal of Tolerance to the Antinociceptive Effects of Oxycodone and Hydrocodone. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 45-52.	2.5	16
34	Î¼-Opioid Receptors Co-Expressed in Cholinergic Neurons of Mouse Ileum Myenteric Plexus Develop Tolerance to Chronic Morphine Exposure. <i>Gastroenterology</i> , 2017, 152, S710.	1.3	0
35	Colonic Supernatants from Chronic Morphine Exposed Mice Induce Morphine Tolerance in Na ⁺ ve Dorsal Root Ganglion Neurons that is Mitigated by Oral Vancomycin Delivery. <i>Gastroenterology</i> , 2017, 152, S730.	1.3	2
36	The gut-brain interaction in opioid tolerance. <i>Current Opinion in Pharmacology</i> , 2017, 37, 126-130.	3.5	37

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37	Sex Differences and Drug Dose Influence the Role of the $\alpha 7$ Nicotinic Acetylcholine Receptor in the Mouse Dextran Sodium Sulfate-Induced Colitis Model. <i>Nicotine and Tobacco Research</i> , 2017, 19, 460-468.	2.6	17
38	Prolonged Opioid Use Increases Risk of Surgical Complications of Diverticular Disease in Patients with Colorectal Cancer. <i>American Journal of Gastroenterology</i> , 2016, 111, S96.	0.4	0
39	HIV-1 Tat exacerbates lipopolysaccharide-induced cytokine release via TLR4 signaling in the enteric nervous system. <i>Scientific Reports</i> , 2016, 6, 31203.	3.3	16
40	Su1940 The Role of the Gastrointestinal Microbiota in Opioid-Induced Analgesic Tolerance. <i>Gastroenterology</i> , 2016, 150, S594-S595.	1.3	0
41	Enhanced Sensitivity of $\alpha 4$ Nicotinic Receptors in Enteric Neurons after Long-Term Morphine: Implication for Opioid-Induced Constipation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 520-528.	2.5	4
42	6 β -N-Heterocyclic Substituted Naltrexamine Derivative BNAP: A Peripherally Selective Mixed MOR/KOR Ligand. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1120-1129.	3.5	12
43	Su1955 Characterization of Calcium Ion Channels in DRG Neurons Regulated by BDNF and Colitis. <i>Gastroenterology</i> , 2016, 150, S598.	1.3	0
44	The Selective Monoacylglycerol Lipase Inhibitor MJN110 Produces Opioid-Sparing Effects in a Mouse Neuropathic Pain Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 145-156.	2.5	52
45	17-Cyclopropylmethyl-3,14 β -dihydroxy-4,5 β -epoxy-6 β -(4-pyridylcarboxamido)morphinan (NAP) Modulating the Mu Opioid Receptor in a Biased Fashion. <i>ACS Chemical Neuroscience</i> , 2016, 7, 297-304.	3.5	14
46	Sex Differences and Drug Dose Influence the Role of the $\alpha 7$ Nicotinic Acetylcholine Receptor in the Mouse Dextran Sodium Sulfate-Induced Colitis Model. <i>American Journal of Gastroenterology</i> , 2015, 110, S776.	0.4	2
47	Interaction between hydrogen sulfide-induced sulphydration and tyrosine nitration in the K _{ATP} channel complex. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G532-G539.	3.4	40
48	Posttranslational Modification of Ion Channels in Colonic Inflammation. <i>Current Neuropharmacology</i> , 2015, 13, 234-238.	2.9	5
49	The Role of Toll-Like Receptor 4 in Enteric Glia. <i>FASEB Journal</i> , 2015, 29, 628.6.	0.5	1
50	Chronic but Not Acute Exposure to Morphine Enhances nAChR Mediated Responses in Enteric Neurons. <i>FASEB Journal</i> , 2015, 29, 628.12.	0.5	0
51	HIV-1 Tat Sensitizes Enteric Neurons to Bacterial Proteins. <i>FASEB Journal</i> , 2015, 29, 628.13.	0.5	0
52	Effects of HIV-1 Tat on Enteric Neuropathogenesis. <i>Journal of Neuroscience</i> , 2014, 34, 14243-14251.	3.6	33
53	Interactive HIV-1 Tat and Morphine-Induced Synaptodendritic Injury Is Triggered through Focal Disruptions in Na ⁺ Influx, Mitochondrial Instability, and Ca ²⁺ Overload. <i>Journal of Neuroscience</i> , 2014, 34, 12850-12864.	3.6	73
54	Morphine dependence in single enteric neurons from the mouse colon requires deletion of β -arrestin2. <i>Physiological Reports</i> , 2014, 2, e12140.	1.7	7

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55	Site and mechanism of morphine tolerance in the gastrointestinal tract. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1361-1367.	3.0	51
56	Oxidative Stress and Ion Channels. , 2014, , 355-373.		7
57	Brain-derived neurotrophic factor enhances cholinergic contraction of longitudinal muscle of rabbit intestine via activation of phospholipase C. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G328-G337.	3.4	36
58	Molecular Physiology of Enteric Opioid Receptors. <i>American Journal of Gastroenterology Supplements (Print)</i> , 2014, 2, 17-21.	0.7	105
59	Specific Localization of β -Arrestin2 in Myenteric Plexus of Mouse Gastrointestinal Tract. <i>PLoS ONE</i> , 2014, 9, e103894.	2.5	9
60	Electrophysiological Characteristics of Enteric Neurons Isolated from the Immortomouse. <i>Digestive Diseases and Sciences</i> , 2013, 58, 1516-1527.	2.3	8
61	Novel Insights on the Effect of Nicotine in a Murine Colitis Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 344, 207-217.	2.5	39
62	Increased PDE5 activity and decreased Rho kinase and PKC activities in colonic muscle from caveolin-1 ^{+/+} mice impair the peristaltic reflex and propulsion. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G964-G974.	3.4	8
63	Sepiapterin Ameliorates Chemically Induced Murine Colitis and Azoxy methane-Induced Colon Cancer. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 117-125.	2.5	16
64	Hydrogen Sulfide as an Allosteric Modulator of ATP-Sensitive Potassium Channels in Colonic Inflammation. <i>Molecular Pharmacology</i> , 2013, 83, 294-306.	2.3	48
65	An <i>in-vitro</i> Preparation of Isolated Enteric Neurons and Glia from the Myenteric Plexus of the Adult Mouse. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	44
66	Redox regulation of the K ATP channel complex in colonic inflammation. <i>FASEB Journal</i> , 2013, 27, 1093.32.	0.5	0
67	Electrophysiological Characterization Of Purinergic Receptors In Mouse Enteric Neuron-Glia Culture. <i>FASEB Journal</i> , 2013, 27, 1093.24.	0.5	2
68	Effects of HIV-1 tat protein on excitability of enteric neurons. <i>FASEB Journal</i> , 2013, 27, 664.5.	0.5	0
69	β -Arrestin2 expression is localized in cholinergic but not nitrergic motor neurons in the mouse longitudinal muscle myenteric plexus (LMMP). <i>FASEB Journal</i> , 2013, 27, 879.10.	0.5	0
70	Opioid-induced hypernociception is associated with hyperexcitability and altered tetrodotoxin-resistant Na ⁺ channel function of dorsal root ganglia. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C1152-C1161.	4.6	23
71	Nicotine suppresses hyperexcitability of colonic sensory neurons and visceral hypersensitivity in mouse model of colonic inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G740-G747.	3.4	4
72	Design, Synthesis, and Biological Evaluation of 17-Cyclopropylmethyl-3,14-dihydroxy-4,5-epoxy-6-[(4-pyridyl)carboxamido]morphinan Derivatives as Peripheral Selective μ Opioid Receptor Agents. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10118-10129.	6.4	22

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73	The Role of β -Arrestin2 in the Mechanism of Morphine Tolerance in the Mouse and Guinea Pig Gastrointestinal Tract. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 567-576.	2.5	57
74	μ -N-Heterocyclic substituted naltrexamine derivative NAP as a potential lead to develop peripheral mu opioid receptor selective antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4731-4734.	2.2	21
75	Evidence for the Putative Cannabinoid Receptor (GPR55)-Mediated Inhibitory Effects on Intestinal Contractility in Mice. <i>Pharmacology</i> , 2012, 90, 55-65.	2.2	27
76	Morphine Decreases Enteric Neuron Excitability via Inhibition of Sodium Channels. <i>PLoS ONE</i> , 2012, 7, e45251.	2.5	42
77	Differences in the characteristics of tolerance to μ -opioid receptor agonists in the colon from wild type and β -arrestin2 knockout mice. <i>European Journal of Pharmacology</i> , 2012, 685, 133-140.	3.5	36
78	Up-regulation of brain-derived neurotrophic factor in primary afferent pathway regulates colon-to-bladder cross-sensitization in rat. <i>Journal of Neuroinflammation</i> , 2012, 9, 30.	7.2	39
79	Enhanced relaxant effect of Sodium Hydrogen Sulfide (NaHS) in Experimental Colitis and its action on KATP Channels via S-sulfhydration. <i>FASEB Journal</i> , 2012, 26, 1048.14.	0.5	0
80	Morphine decreases neuronal excitability in mouse enteric neurons via alterations in Na ⁺ channel kinetics. <i>FASEB Journal</i> , 2012, 26, 1123.5.	0.5	0
81	Differential development of tolerance to μ -opioid receptor agonists in the mouse colon. <i>FASEB Journal</i> , 2012, 26, 1041.1.	0.5	0
82	Hydrogen Sulfide as an allosteric modulator of ATP sensitive potassium channels in experimental colitis. <i>FASEB Journal</i> , 2012, 26, .	0.5	0
83	Sympathetic Sprouting in Rat Thoracolumbar Dorsal Root Ganglia During Colitis. <i>Gastroenterology</i> , 2011, 140, S-537.	1.3	0
84	Prolonged sympathetic innervation of sensory neurons in rat thoracolumbar dorsal root ganglia during chronic colitis. <i>Neurogastroenterology and Motility</i> , 2011, 23, 801-e339.	3.0	27
85	Blockade of Endocannabinoid Hydrolytic Enzymes Attenuates Precipitated Opioid Withdrawal Symptoms in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 173-185.	2.5	100
86	Electrophysiological characteristics of enteric neurons from immortomouse. <i>FASEB Journal</i> , 2011, 25, 1081.1.	0.5	0
87	Enteric neurons of the adult mouse; successful isolation through immunoselection and immunocytochemical and electrophysiological characterization. <i>FASEB Journal</i> , 2011, 25, 1081.2.	0.5	0
88	Ion channel remodeling in gastrointestinal inflammation. <i>Neurogastroenterology and Motility</i> , 2010, 22, 1045-1055.	3.0	36
89	μ -nAChR-mediated suppression of hyperexcitability of colonic dorsal root ganglia neurons in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, G761-G768.	3.4	15
90	Colonic inflammation alters Src kinase-dependent gating properties of single Ca ²⁺ channels via tyrosine nitration. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G976-G984.	3.4	14

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91	Electrophysiological characterization of postnatal enteric neuron cell line. FASEB Journal, 2010, 24, 969.5.	0.5	0
92	Alterations in β -arrestin expression in guinea pig ileum and colon following morphine tolerance. FASEB Journal, 2010, 24, 583.6.	0.5	0
93	Src kinase-dependent gating properties of single Ca ²⁺ channels are altered by tyrosine nitration in colitis. FASEB Journal, 2010, 24, 770.9.	0.5	0
94	Tyrosine nitration of L-type Ca channels prevents activation of the cyclic AMP Response Element (CRE). FASEB Journal, 2009, 23, 1000.20.	0.5	0
95	The effect of morphine on a K ⁺ channel from a murine enteric neuron cell line derived from the H ₂ kbA58 mouse. FASEB Journal, 2009, 23, 580.3.	0.5	0
96	Acute Colitis Enhances Responsiveness of Lumbosacral Spinal Neurons to Colorectal Distension in Rats. Digestive Diseases and Sciences, 2008, 53, 141-148.	2.3	8
97	Denitration of L-type calcium channel. FEBS Letters, 2008, 582, 3033-3036.	2.8	27
98	Morphine Tolerance in the Mouse Ileum and Colon. Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 561-572.	2.5	75
99	Denitrase activity of macrophages reverses nitrosylation of smooth muscle calcium channel. FASEB Journal, 2008, 22, 937.24.	0.5	0
100	Morphine-induced tolerance and dependence develops in the mouse isolated ileum but not colon. FASEB Journal, 2008, 22, 712.15.	0.5	0
101	G-protein coupled receptor kinase 2 (GRK2) is involved in μ -opioid receptor signaling in the mouse ileum but not colon. FASEB Journal, 2008, 22, 712.11.	0.5	0
102	The identification of μ opioid receptors on colonic circular smooth muscle cells. FASEB Journal, 2008, 22, 712.9.	0.5	0
103	Morphine induced tolerance to mouse intestinal but not colonic transit and constipation. FASEB Journal, 2008, 22, 712.14.	0.5	0
104	Nitrotyrosylation of Ca ²⁺ Channels Prevents c-Src Kinase Regulation of Colonic Smooth Muscle Contractility in Experimental Colitis. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 948-956.	2.5	25
105	COOH-terminal association of human smooth muscle calcium channel Cav1.2b with Src kinase protein binding domains: effect of nitrotyrosylation. American Journal of Physiology - Cell Physiology, 2007, 293, C1983-C1990.	4.6	17
106	Impaired c-src kinase regulation of muscle contraction during colonic inflammation is due to nitrosylation of Ca ²⁺ channels. FASEB Journal, 2007, 21, A1156.	0.5	0
107	The Effects of Sevoflurane and Propofol on QT Interval and Heterologously Expressed Human Ether-A-Go-Go Related Gene Currents in Xenopus Oocytes. Anesthesia and Analgesia, 2006, 102, 98-103.	2.2	32
108	Hyperexcitability of convergent colon and bladder dorsal root ganglion neurons after colonic inflammation: mechanism for pelvic organ cross-talk. Neurogastroenterology and Motility, 2006, 18, 936-948.	3.0	124

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109	The instantaneous component of HCN currents is selectively blocked by C. difficile Toxin B in rat L6â€€2 DRG. <i>FASEB Journal</i> , 2006, 20, .	0.5	0
110	Signal-Transduction Pathways that Regulate Smooth Muscle Function II. Receptor-ion channel coupling mechanisms in gastrointestinal smooth muscle. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G598-G602.	3.4	10
111	PKD2 Functions as an Epidermal Growth Factor-Activated Plasma Membrane Channel. <i>Molecular and Cellular Biology</i> , 2005, 25, 8285-8298.	2.3	154
112	Cross-Organ Sensitization of Lumbosacral Spinal Neurons Receiving Urinary Bladder Input in Rats With Inflamed Colon. <i>Gastroenterology</i> , 2005, 129, 1967-1978.	1.3	98
113	Modulation of TRPV1 by nonreceptor tyrosine kinase, c-Src kinase. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C558-C563.	4.6	106
114	Altered gene expression and increased bursting activity of colonic smooth muscle ATP-sensitive K ⁺ channels in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G274-G285.	3.4	59
115	Inflammation-Induced "Channelopathies" in the Gastrointestinal Smooth Muscle. <i>Cell Biochemistry and Biophysics</i> , 2004, 41, 319-330.	1.8	6
116	Protein and gene expression of Ca ²⁺ channel isoforms in murine colon: effect of inflammation. <i>Pflugers Archiv European Journal of Physiology</i> , 2004, 449, 288-97.	2.8	12
117	Calcium Carbonate Antacids Alter Esophageal Motility in Heartburn Sufferers. <i>Digestive Diseases and Sciences</i> , 2004, 49, 1862-1867.	2.3	7
118	Colonic inflammation increases Na ⁺ currents in bladder sensory neurons. <i>NeuroReport</i> , 2004, 15, 2601-2605.	1.2	55
119	ATP-sensitive K ⁺ channel demonstrates enhanced bursting activity in a murine experimental colitis model. <i>Gastroenterology</i> , 2003, 124, A138.	1.3	1
120	Cloning and Functional Characterization of the Smooth Muscle Ether-a-go-go-related Gene K ⁺ Channel. <i>Journal of Biological Chemistry</i> , 2003, 278, 2503-2514.	3.4	46
121	Coupling of M2 muscarinic receptor to L-type Ca ²⁺ channel via c-src kinase in rabbit colonic circular smooth muscle. <i>Gastroenterology</i> , 2002, 123, 827-834.	1.3	24
122	Fenamate-induced enhancement of heterologously expressed HERG currents in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2002, 452, 269-277.	3.5	27
123	Altered Ion Channel Activity in Murine Colonic Smooth Muscle Myocytes in an Experimental Colitis Model. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 637-642.	2.1	49
124	Role of HERG-like K ⁺ currents in opossum esophageal circular smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 277, C1284-C1290.	4.6	69
125	Monochloramine directly modulates Ca ²⁺ -activated K ⁺ channels in rabbit colonic muscularis mucosae. <i>Gastroenterology</i> , 1999, 117, 906-917.	1.3	20
126	Modulation of Voltage-dependent Ca ²⁺ -Channels in Rabbit Colonic Smooth Muscle Cells by c-Src and Focal Adhesion Kinase. <i>Journal of Biological Chemistry</i> , 1998, 273, 5337-5342.	3.4	111

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127	Depletion of $[Ca^{2+}]_i$ Inhibits Hypoxia-Induced Vascular Permeability Factor (Vascular Endothelial) Tj ETQq1 1 0.784314 rgBT /Overloc 733-738.	2.1	28