# Simon J Gibbons

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/149014/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 128 papers | 4,657 citations | 70961 41 h-index | 106150 65 g-index |
| 130 all docs | 130 docs citations | 130 times ranked | 4000 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A simple automated approach to measure mouse whole gut transit. Neurogastroenterology and Motility, 2021, 33, e13994. | 1.6 | 7 |
| 2 | Muscularis macrophages establish cellâ€toâ€cell contacts with telocytes/PDGFRÎ±â€positive cells and smooth muscle cells in the human and mouse gastrointestinal tract. Neurogastroenterology and Motility, 2021, 33, e13993. | 1.6 | 22 |
| 3 | Wnt-induced, TRP53-mediated Cell Cycle Arrest of Precursors Underlies Interstitial Cell of Cajal Depletion During Aging. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 117-145. | 2.3 | 9 |
| 4 | Bicarbonate ion transport by the electrogenic Na + /HCO 3 â^' cotransporter, NBCe1, is required for normal electrical slowâ€wave activity in mouse small intestine. Neurogastroenterology and Motility, 2021, 33, e14149. | 1.6 | 0 |
| 5 | Expression of the regulated isoform of the electrogenic Na<sup>+</sup>/HCO<sub>3</sub><sup>â^'</sup> cotransporter, NBCe1, is enriched in pacemaker interstitial cells of Cajal. American Journal of Physiology - Renal Physiology, 2021, 320, G93-G107. | 1.6 | 2 |
| 6 | Identification of intrinsic primary afferent neurons in mouse jejunum. Neurogastroenterology and Motility, 2020, 32, e13989. | 1.6 | 11 |
| 7 | microRNA overexpression in slow transit constipation leads to reduced Na<sub>V</sub>1.5 current and altered smooth muscle contractility. Gut, 2020, 69, 868-876. | 6.1 | 18 |
| 8 | A Method for Multi-day Tracking of Gastrointestinal Smooth Muscle Contractile Patterns in Organotypic Culture. , 2019, 2019, 4791-4794. | | 1 |
| 9 | Proteomics in gastroparesis: unique and overlapping protein signatures in diabetic and idiopathic gastroparesis. American Journal of Physiology - Renal Physiology, 2019, 317, G716-G726. | 1.6 | 25 |
| 10 | Slow-wave coupling across a gastroduodenal anastomosis as a mechanism for postsurgical gastric dysfunction: evidence for a â€œgastrointestinal aberrant pathwayâ€. American Journal of Physiology - Renal Physiology, 2019, 317, G141-G146. | 1.6 | 26 |
| 11 | Muscularis Propria Macrophages Alter the Proportion of Nitrergic but Not Cholinergic Gastric Myenteric Neurons. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 689-691.e4. | 2.3 | 22 |
| 12 | Direct repression of anoctamin 1 ( ANO1 ) gene transcription by Gli proteins. FASEB Journal, 2019, 33, 6632-6642. | 0.2 | 16 |
| 13 | A Pipeline for the Registration of Calcium Transient Data to Structural Networks of the Interstitial Cells of Cajal. , 2019, 2019, 2765-2768. | | 0 |
| 14 | The Na + /HCO 3 â^' Cotransporter (Nbce1, Slc4a4) is Enriched in Interstitial Cells of Cajal Responsible for Generating Electrical Slow Wave Activity in the Mouse Gastrointestinal Tract. FASEB Journal, 2019, 33, 544.8. | 0.2 | 0 |
| 15 | NBCe1 in the Kidney and Lower Urogenital Tract. FASEB Journal, 2019, 33, 544.5. | 0.2 | 0 |
| 16 | Not just there to fill space: profound observations on interstitial cells of Cajal in the gastric fundus. Journal of Physiology, 2018, 596, 1535-1536. | 1.3 | 2 |
| 17 | High temporal resolution gastric emptying breath tests in mice. Neurogastroenterology and Motility, 2018, 30, e13333. | 1.6 | 10 |
| 18 | Change in Populations of Macrophages Promotes Development of Delayed Gastric Emptying in Mice. Gastroenterology, 2018, 154, 2122-2136.e12. | 0.6 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Extracellular Cl<sup>â^'</sup> regulates electrical slow waves and setting of smooth muscle membrane potential by interstitial cells of Cajal in mouse jejunum. Experimental Physiology, 2018, 103, 40-57. | 0.9 | 5 |
| 20 | Irritable bowel syndrome patients haveSCN5Achannelopathies that lead to decreased Na<sub>V</sub>1.5 current and mechanosensitivity. American Journal of Physiology - Renal Physiology, 2018, 314, G494-G503. | 1.6 | 40 |
| 21 | Expression of RAD21 immunoreactivity in myenteric neurons of the human and mouse small intestine. Neurogastroenterology and Motility, 2018, 30, e13429. | 1.6 | 3 |
| 22 | Transcriptomic signatures reveal immune dysregulation in human diabetic and idiopathic gastroparesis. BMC Medical Genomics, 2018, 11, 62. | 0.7 | 38 |
| 23 | Diabetic and idiopathic gastroparesis is associated with loss of <scp>CD</scp>206â€positive macrophages in the gastric antrum. Neurogastroenterology and Motility, 2017, 29, e13018. | 1.6 | 77 |
| 24 | Hyperglycemia Increases Interstitial Cells of Cajal via MAPK1 and MAPK3 Signaling to ETV1 and KIT, Leading to Rapid Gastric Emptying. Gastroenterology, 2017, 153, 521-535.e20. | 0.6 | 59 |
| 25 | Conditional genetic deletion of Ano1 in interstitial cells of Cajal impairs Ca<sup>2+</sup> transients and slow waves in adult mouse small intestine. American Journal of Physiology - Renal Physiology, 2017, 312, G228-G245. | 1.6 | 72 |
| 26 | EAVK segment â€œcâ€•sequence confers Ca<sup>2+</sup>-dependent changes to the kinetics of full-length human Ano1. American Journal of Physiology - Renal Physiology, 2017, 312, G572-G579. | 1.6 | 6 |
| 27 | Tumor necrosis factor alpha derived from classically activated â€œM1â€•macrophages reduces interstitial cell of Cajal numbers. Neurogastroenterology and Motility, 2017, 29, e12984. | 1.6 | 33 |
| 28 | Mechanosensitive ion channel Piezo2 is important for enterochromaffin cell response to mechanical forces. Journal of Physiology, 2017, 595, 79-91. | 1.3 | 121 |
| 29 | Repeat polymorphisms in the Homo sapiens heme oxygenase-1 gene in diabetic and idiopathic gastroparesis. PLoS ONE, 2017, 12, e0187772. | 1.1 | 17 |
| 30 | Effects of hemin on heme oxygenaseâ€1, gastric emptying, and symptoms in diabetic gastroparesis. Neurogastroenterology and Motility, 2016, 28, 1731-1740. | 1.6 | 33 |
| 31 | Intrinsic Gastrointestinal Macrophages: Their Phenotype and Role in Gastrointestinal Motility. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 120-130.e1. | 2.3 | 57 |
| 32 | Expression and function of the Scn5aâ€encoded voltageâ€gated sodium channel Na<sub>V</sub>1.5 in the rat jejunum. Neurogastroenterology and Motility, 2016, 28, 64-73. | 1.6 | 13 |
| 33 | Interleukin 10 Restores Gastric Emptying, Electrical Activity, andÂInterstitial Cells of Cajal Networks in Diabetic Mice. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 454-467. | 2.3 | 23 |
| 34 | Diabetic Csf1op/op Mice Lacking Macrophages Are Protected Against the Development of Delayed Gastric Emptying. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 40-47. | 2.3 | 38 |
| 35 | A novel exon in the human Ca<sup>2+</sup>-activated Cl<sup>â^'</sup> channel Ano1 imparts greater sensitivity to intracellular Ca<sup>2+</sup>. American Journal of Physiology - Renal Physiology, 2015, 309, G743-G749. | 1.6 | 13 |
| 36 | Changes in nitrergic and tachykininergic pathways in rat proximal colon in response to chronic treatment with otilonium bromide. Neurogastroenterology and Motility, 2015, 27, 997-1009. | 1.6 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Su1860 Extracellular Chloride (Clâ^') Substitution Disrupts Electrical Slow Wave Activity but Has Small Effects on Membrane Potential in Mouse Jejunal Smooth Muscle. Gastroenterology, 2015, 148, S-536. | 0.6 | 0 |
| 38 | 66 Diabetic CSFOP/Op (Op/Op) Mice Lacking Functional Macrophage Colony Stimulating Factor (CSF1) Develop Delayed Gastric Emptying and Depleted Networks of Interstitial Cells of Cajal When Treated With Recombinant CSF1. Gastroenterology, 2015, 148, S-19. | 0.6 | 0 |
| 39 | 385 Conditional Genomic Deletion of Ano1 in Kit-Expressing Cells of Adult Mice Results in Loss of Slow Waves and Reduced Coordination of Ca2+ Transients in Myenteric Interstitial Cells of Cajal of the Small Intestine. Gastroenterology, 2015, 148, S-80. | 0.6 | 0 |
| 40 | 677 IBS Patients Have SCN5A Mutations That Result in Decreased NaV1.5 Current and Mechanosensitivity. Gastroenterology, 2015, 148, S-130-S-131. | 0.6 | 1 |
| 41 | 299 Diabetic and Idiopathic Gastroparesis Is Associated With Loss of Antral Interstitial Cells of Cajal and CD206 Positive Macrophages. Gastroenterology, 2015, 148, S-65. | 0.6 | 0 |
| 42 | Platelet-Derived Growth Factor Receptor-Î± Regulates Proliferation of Gastrointestinal Stromal Tumor Cells With Mutations in KIT by Stabilizing ETV1. Gastroenterology, 2015, 149, 420-432.e16. | 0.6 | 68 |
| 43 | A gamma variate model that includes stretched exponential is a better fit for gastric emptying data from mice. American Journal of Physiology - Renal Physiology, 2015, 309, G162-G170. | 1.6 | 5 |
| 44 | Macrophages in diabetic gastroparesis â€“ the missing link?. Neurogastroenterology and Motility, 2015, 27, 7-18. | 1.6 | 40 |
| 45 | Identification and characterization of a novel promoter for the human ANO1 gene regulated by the transcription factor signal transducer and activator of transcription 6 (STAT6). FASEB Journal, 2015, 29, 152-163. | 0.2 | 37 |
| 46 | Effects of aspirin & simvastatin and aspirin, simvastatin, & lipoic acid on heme oxygenaseâ€1 in healthy human subjects. Neurogastroenterology and Motility, 2014, 26, 1437-1442. | 1.6 | 9 |
| 47 | RNA sequencing shows transcriptomic changes in rectosigmoid mucosa in patients with irritable bowel syndrome-diarrhea: a pilot case-control study. American Journal of Physiology - Renal Physiology, 2014, 306, G1089-G1098. | 1.6 | 52 |
| 48 | 69 Gastroparesis Is Associated With Expanded Polynucleotide Repeats in the Promoter Region Upstream of the Transcriptional Start Site for the Heme Oxygenase 1 (HO1) Gene. Gastroenterology, 2014, 146, S-19. | 0.6 | 1 |
| 49 | Su2029 Medium Conditioned With Conventionally-Activated M1 Macrophages Inhibits Survival of Mouse Interstitial Cells of Cajal in Primary Culture. Gastroenterology, 2014, 146, S-527. | 0.6 | 0 |
| 50 | Mo1280 Next Generation Sequencing of Gastric Smooth Muscle RNA Identifies Gene Markers for Altered Immune Function and Reduced Cellular Proliferation and Differentiation in Patients With Gastroparesis. Gastroenterology, 2014, 146, S-606. | 0.6 | 0 |
| 51 | Ano1, a Ca<sup>2+</sup>â€activated Cl<sup>â^'</sup> channel, coordinates contractility in mouse intestine by Ca<sup>2+</sup> transient coordination between interstitial cells of Cajal. Journal of Physiology, 2014, 592, 4051-4068. | 1.3 | 84 |
| 52 | Association of low numbers of <scp>CD</scp>206â€positive cells with loss of <scp>ICC</scp> in the gastric body of patients with diabetic gastroparesis. Neurogastroenterology and Motility, 2014, 26, 1275-1284. | 1.6 | 83 |
| 53 | Computational modeling of anoctamin 1 calcium-activated chloride channels as pacemaker channels in interstitial cells of Cajal. American Journal of Physiology - Renal Physiology, 2014, 306, G711-G727. | 1.6 | 39 |
| 54 | 64 RNA Sequencing Shows Transcriptomic Changes in Rectosigmoid Mucosa in Patients With Irritable Bowel Syndrome-Diarrhea. Gastroenterology, 2014, 146, S-18. | 0.6 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Su2023 IL-4 via STAT6 Regulates a Promoter for the Human Ano1 Gene. Gastroenterology, 2014, 146, S-526. | 0.6 | 0 |
| 56 | 789 A Novel Exon of the Human Calcium-Activated Chloride Channel Ano1 Imparts Greater Sensitivity of Cl-Current to Intracellular CA2+. Gastroenterology, 2014, 146, S-135. | 0.6 | 0 |
| 57 | Review article: carbon monoxide in gastrointestinal physiology and its potential in therapeutics. Alimentary Pharmacology and Therapeutics, 2013, 38, 689-702. | 1.9 | 41 |
| 58 | ICC Network Density: Regulation and Consequences. Lecture Notes in Computational Vision and Biomechanics, 2013, , 29-49. | 0.5 | 1 |
| 59 | Numerical metrics for automated quantification of interstitial cell of Cajal network structural properties. Journal of the Royal Society Interface, 2013, 10, 20130421. | 1.5 | 21 |
| 60 | Cellular automaton model for simulating tissue-specific intestinal electrophysiological activity. , 2013, 2013, 5537-40. | | 5 |
| 61 | Kit Signaling Is Required for Development of Coordinated Motility Patterns in Zebrafish Gastrointestinal Tract. Zebrafish, 2013, 10, 154-160. | 0.5 | 26 |
| 62 | Assessment of Gastric Emptying in Non-obese Diabetic Mice Using a [<sup>13</sup>C]-octanoic Acid Breath Test. Journal of Visualized Experiments, 2013, , e50301. | 0.2 | 11 |
| 63 | Membrane-To-Nucleus Signaling Links Insulin-Like Growth Factor-1- and Stem Cell Factor-Activated Pathways. PLoS ONE, 2013, 8, e76822. | 1.1 | 14 |
| 64 | Inhibition of cell proliferation by a selective inhibitor of the Ca2+-activated Clâ˜ channel, Ano1. Biochemical and Biophysical Research Communications, 2012, 427, 248-253. | 1.0 | 78 |
| 65 | A Stochastic Multi-Scale Model of Electrical Function in Normal and Depleted ICC Networks. IEEE Transactions on Biomedical Engineering, 2011, 58, 3451-3455. | 2.5 | 15 |
| 66 | Changes in interstitial cells of cajal with age in the human stomach and colon. Neurogastroenterology and Motility, 2011, 23, 36-44. | 1.6 | 95 |
| 67 | Immunoreactivity for Ano1 detects depletion of Kit-positive interstitial cells of Cajal in patients with slow transit constipation. Neurogastroenterology and Motility, 2011, 23, 760-765. | 1.6 | 46 |
| 68 | Hydrogen sulfide is a partially redox-independent activator of the human jejunum Na<sup>+</sup> channel, Na<sub>v</sub>1.5. American Journal of Physiology - Renal Physiology, 2011, 300, G1105-G1114. | 1.6 | 29 |
| 69 | Altered Expression of Ano1 Variants in Human Diabetic Gastroparesis. Journal of Biological Chemistry, 2011, 286, 13393-13403. | 1.6 | 95 |
| 70 | Ano1 as a regulator of proliferation. American Journal of Physiology - Renal Physiology, 2011, 301, G1044-G1051. | 1.6 | 78 |
| 71 | Ano1 as a regulator of proliferation. FASEB Journal, 2011, 25, lb115. | 0.2 | 0 |
| 72 | Lack of serotonin 5-HT<sub>2B</sub>receptor alters proliferation and network volume of interstitial cells of Cajalin vivo. Neurogastroenterology and Motility, 2010, 22, 462-e110. | 1.6 | 56 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | First-in-Human Study Demonstrating Pharmacological Activation of Heme Oxygenase-1 in Humans. Clinical Pharmacology and Therapeutics, 2010, 87, 187-190. | 2.3 | 77 |
| 74 | PERSPECTIVES: A little humour relaxes the gallbladder. Journal of Physiology, 2010, 588, 3131-3132. | 1.3 | 1 |
| 75 | T-type Ca<sup>2+</sup>channel modulation by otilonium bromide. American Journal of Physiology - Renal Physiology, 2010, 298, G706-G713. | 1.6 | 21 |
| 76 | Carbon monoxide reverses diabetic gastroparesis in NOD mice. American Journal of Physiology - Renal Physiology, 2010, 298, G1013-G1019. | 1.6 | 54 |
| 77 | S2062 Age-Related Loss of Interstitial Cells of Cajal in the Human Colon. Gastroenterology, 2010, 138, S-312. | 0.6 | 0 |
| 78 | S2060 Ano1 Plays a Role in the Proliferation of ICC. Gastroenterology, 2010, 138, S-311. | 0.6 | 0 |
| 79 | S2061 Effects of Aging on Interstitial Cells of Cajal in the Human Stomach. Gastroenterology, 2010, 138, S-311-S-312. | 0.6 | 0 |
| 80 | Tissue-Specific Mathematical Models of Slow Wave Entrainment in Wild-Type and 5-HT2B Knockout Mice with Altered Interstitial Cells of Cajal Networks. Biophysical Journal, 2010, 98, 1772-1781. | 0.2 | 58 |
| 81 | 114 Altered Expression of Ano1 Variants in Gastroparesis. Gastroenterology, 2010, 138, S-21. | 0.6 | 0 |
| 82 | 118 Increased Expression of M2c Macrophage-Associated Gene Transcripts in Diabetic Mice Resistant to Delayed Gastric Emptying. Gastroenterology, 2010, 138, S-22. | 0.6 | 0 |
| 83 | CD206-Positive M2 Macrophages That Express Heme Oxygenase-1 Protect Against Diabetic Gastroparesis in Mice. Gastroenterology, 2010, 138, 2399-2409.e1. | 0.6 | 189 |
| 84 | S2064 Tissue-Specific Mathematical Models of Slow Wave Entrainment in Wild-Type and 5-HT2B Knockout Mice With Altered Interstitial Cells of Cajal Networks. Gastroenterology, 2010, 138, S-312. | 0.6 | 0 |
| 85 | Protein Kinase CÎ³ Mediates Regulation of Proliferation by the Serotonin 5-Hydroxytryptamine Receptor 2B. Journal of Biological Chemistry, 2009, 284, 21177-21184. | 1.6 | 23 |
| 86 | Ano1 is a selective marker of interstitial cells of Cajal in the human and mouse gastrointestinal tract. American Journal of Physiology - Renal Physiology, 2009, 296, G1370-G1381. | 1.6 | 320 |
| 87 | The Î±<sub>1H</sub> Ca<sup>2+</sup> channel subunit is expressed in mouse jejunal interstitial cells of Cajal and myocytes. Journal of Cellular and Molecular Medicine, 2009, 13, 4422-4431. | 1.6 | 33 |
| 88 | Apoptotic cell death of human interstitial cells of Cajal. Neurogastroenterology and Motility, 2009, 21, 85-93. | 1.6 | 68 |
| 89 | Diagnostic challenges of motility disorders: optimal detection of CD117+ interstitial cells of Cajal. Histopathology, 2009, 54, 286-294. | 1.6 | 31 |
| 90 | Effect of age on the enteric nervous system of the human colon. Neurogastroenterology and Motility, 2009, 21, 746. | 1.6 | 134 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | 265 Immunoreactivity for Ano1 Detects Depletion of Interstitial Cells of Cajal in Patients with Slow Transit Constipation. Gastroenterology, 2009, 136, A-51. | 0.6 | 0 |
| 92 | 377 CD206 Positive M2 Macrophages Expressing Ho1 Protect Against the Development of Delayed GE in a Mouse Model of Diabetic Gastroparesis. Gastroenterology, 2009, 136, A-62. | 0.6 | 0 |
| 93 | 379 Insulin-Like Growth Factor-I (IGF-I) Reverses Delayed Gastric Emptying in Calorically Restricted Mice and Stimulates Gastric Expression of Stem Cell Factor (SCF). Gastroenterology, 2009, 136, A-62. | 0.6 | 0 |
| 94 | 469 Carbon Monoxide Reverses Diabetic Gastroparesis in NOD Mice. Gastroenterology, 2009, 136, A-75. | 0.6 | 1 |
| 95 | T1786 Ano1 Is a Selective Marker for Interstitial Cells of Cajal (ICC) and Their Precursors in the Murine Gastrointestinal Tract. Gastroenterology, 2009, 136, A-579. | 0.6 | 0 |
| 96 | Cellular pathogenesis of diabetic gastroenteropathy. Minerva Gastroenterologica E Dietologica, 2009, 55, 315-43. | 2.2 | 45 |
| 97 | 714 Stimulation of the 5-HT2b Receptor On ICC Activates Calcium Dependent Protein Kinase Cs to Induce Proliferation. Gastroenterology, 2008, 134, A-102. | 0.6 | 0 |
| 98 | 850 Induction of Heme Oxygenase Reverses Diabetic Gastroparesis in NOD/Ltj Mice. Gastroenterology, 2008, 134, A-123. | 0.6 | 0 |
| 99 | Heme Oxygenase-1 Protects Interstitial Cells of Cajal From Oxidative Stress and Reverses Diabetic Gastroparesis. Gastroenterology, 2008, 135, 2055-2064.e2. | 0.6 | 212 |
| 100 | S1656 Age Related Loss of Myenteric Neurons and Choline Acetyl Transferase-Positive Neurons in the Normal Human Colon. Gastroenterology, 2008, 134, A-243. | 0.6 | 0 |
| 101 | A Mutation in Telethonin Alters Nav1.5 Function. Journal of Biological Chemistry, 2008, 283, 16537-16544. | 1.6 | 59 |
| 102 | Determination of gastric emptying in nonobese diabetic mice. American Journal of Physiology - Renal Physiology, 2007, 293, G1039-G1045. | 1.6 | 44 |
| 103 | Computer aided classification of cell nuclei in the gastrointestinal tract by volume and principal axis. , 2007, 6514, 65140E. | | 0 |
| 104 | Exogenous Serotonin Regulates Proliferation of Interstitial Cells of Cajal in Mouse Jejunum Through 5-HT2B Receptors. Gastroenterology, 2007, 133, 897-906. | 0.6 | 78 |
| 105 | Kit-like immunoreactivity in the zebrafish gastrointestinal tract reveals putative ICC. Developmental Dynamics, 2007, 236, 903-911. | 0.8 | 34 |
| 106 | Species dependent expression of intestinal smooth muscle mechanosensitive sodium channels. Neurogastroenterology and Motility, 2007, 19, 135-143. | 1.6 | 34 |
| 107 | Regulation of interstitial cells of Cajal in the mouse gastric body by neuronal nitric oxide. Neurogastroenterology and Motility, 2007, 19, 585-595. | 1.6 | 87 |
| 108 | Carbon monoxide activates human intestinal smooth muscle L-type Ca2+ channels through a nitric oxide-dependent mechanism. American Journal of Physiology - Renal Physiology, 2005, 288, G7-G14. | 1.6 | 52 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Effect of mibefradil on sodium and calcium currents. American Journal of Physiology - Renal Physiology, 2005, 289, G249-G253. | 1.6 | 42 |
| 110 | The role of carbon monoxide in the gastrointestinal tract. Journal of Physiology, 2004, 556, 325-336. | 1.3 | 91 |
| 111 | Kit/stem cell factor receptor-induced phosphatidylinositol 3'-kinase signalling is not required for normal development and function of interstitial cells of Cajal in mouse gastrointestinal tract. Neurogastroenterology and Motility, 2003, 15, 643-653. | 1.6 | 16 |
| 112 | Syntrophin Î³2 Regulates SCN5A Gating by a PDZ Domain-mediated Interaction. Journal of Biological Chemistry, 2003, 278, 1915-1923. | 1.6 | 103 |
| 113 | Sodium current in human intestinal interstitial cells of Cajal. American Journal of Physiology - Renal Physiology, 2003, 285, G1111-G1121. | 1.6 | 130 |
| 114 | Local presentation of Steel factor increases expression of c-kit immunoreactive interstitial cells of Cajal in culture. American Journal of Physiology - Renal Physiology, 2003, 284, G313-G320. | 1.6 | 69 |
| 115 | Î±<sub>1C</sub>(Ca<sub>V</sub>1.2) L-type calcium channel mediates mechanosensitive calcium regulation. American Journal of Physiology - Cell Physiology, 2002, 283, C1001-C1008. | 2.1 | 104 |
| 116 | Sodium current in human jejunal circular smooth muscle cells. Gastroenterology, 2002, 122, 178-187. | 0.6 | 72 |
| 117 | SCN5A is expressed in human jejunal circular smooth muscle cells. Neurogastroenterology and Motility, 2002, 14, 477-486. | 1.6 | 66 |
| 118 | Sodium current in human small intestinal interstitial cells of cajal. Gastroenterology, 2001, 120, A201. | 0.6 | 2 |
| 119 | POTASSIUM OUTWARD CURRENTS IN FRESHLY DISSOCIATED RABBIT CORPUS CAVERNOSUM MYOCYTES. Journal of Urology, 2001, 166, 1167-1177. | 0.2 | 20 |
| 120 | CORPOREAL STRUCTURAL AND VASCULAR MICRO ARCHITECTURE WITH X-RAY MICRO COMPUTERIZED TOMOGRAPHY IN NORMAL AND DIABETIC RABBITS: HISTOPATHOLOGICAL CORRELATION. Journal of Urology, 2001, 165, 1776-1782. | 0.2 | 37 |
| 121 | P2X7 receptors in rat parotid acinar cells: formation of large pores. Autonomic and Autacoid Pharmacology, 2001, 21, 181-190. | 0.7 | 18 |
| 122 | POTASSIUM OUTWARD CURRENTS IN FRESHLY DISSOCIATED RABBIT CORPUS CAVERNOSUM MYOCYTES. Journal of Urology, 2001, , 1167-1177. | 0.2 | 1 |
| 123 | Salivary Gland P2 Nucleotide Receptors. Critical Reviews in Oral Biology and Medicine, 1999, 10, 210-224. | 4.4 | 69 |
| 124 | Expression and Trans-synaptic Regulation of P2x4 and P2z Receptors for Extracellular ATP in Parotid Acinar Cells. Journal of Biological Chemistry, 1998, 273, 26799-26808. | 1.6 | 64 |
| 125 | Inhibition of a Fast Inwardly Rectifying Potassium Conductance by Barbiturates. Anesthesia and Analgesia, 1996, 82, 1242-1246. | 1.1 | 9 |
| 126 | Inhibition of a Fast Inwardly Rectifying Potassium Conductance by Barbiturates. Anesthesia and Analgesia, 1996, 82, 1242-1246. | 1.1 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Calcium Influx and Neurodegeneration. Annals of the New York Academy of Sciences, 1993, 679, 22-33. | 1.8 | 45 |
| 128 | The properties of intracellular calcium stores in cultured rat cerebellar neurons. Journal of Neuroscience, 1991, 11, 4024-4043. | 1.7 | 104 |