

Simon J Gibbons

List of Publications by Year in descending order

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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	Ano1 is a selective marker of interstitial cells of Cajal in the human and mouse gastrointestinal tract. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1370-G1381.	1.6	320
2	Heme Oxygenase-1 Protects Interstitial Cells of Cajal From Oxidative Stress and Reverses Diabetic Gastroparesis. <i>Gastroenterology</i> , 2008, 135, 2055-2064.e2.	0.6	212
3	CD206-Positive M2 Macrophages That Express Heme Oxygenase-1 Protect Against Diabetic Gastroparesis in Mice. <i>Gastroenterology</i> , 2010, 138, 2399-2409.e1.	0.6	189
4	Effect of age on the enteric nervous system of the human colon. <i>Neurogastroenterology and Motility</i> , 2009, 21, 746.	1.6	134
5	Sodium current in human intestinal interstitial cells of Cajal. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, G1111-G1121.	1.6	130
6	Mechanosensitive ion channel Piezo2 is important for enterochromaffin cell response to mechanical forces. <i>Journal of Physiology</i> , 2017, 595, 79-91.	1.3	121
7	The properties of intracellular calcium stores in cultured rat cerebellar neurons. <i>Journal of Neuroscience</i> , 1991, 11, 4024-4043.	1.7	104
8	$\hat{I}_{\pm 1C}$ ($\text{Ca}^{V1.2}$) L-type calcium channel mediates mechanosensitive calcium regulation. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1001-C1008.	2.1	104
9	Syntrophin \hat{I}^2 Regulates SCN5A Gating by a PDZ Domain-mediated Interaction. <i>Journal of Biological Chemistry</i> , 2003, 278, 1915-1923.	1.6	103
10	Changes in interstitial cells of cajal with age in the human stomach and colon. <i>Neurogastroenterology and Motility</i> , 2011, 23, 36-44.	1.6	95
11	Altered Expression of Ano1 Variants in Human Diabetic Gastroparesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 13393-13403.	1.6	95
12	The role of carbon monoxide in the gastrointestinal tract. <i>Journal of Physiology</i> , 2004, 556, 325-336.	1.3	91
13	Regulation of interstitial cells of Cajal in the mouse gastric body by neuronal nitric oxide. <i>Neurogastroenterology and Motility</i> , 2007, 19, 585-595.	1.6	87
14	Ano1, a Ca^{2+} -activated Cl^{-} channel, coordinates contractility in mouse intestine by Ca^{2+} transient coordination between interstitial cells of Cajal. <i>Journal of Physiology</i> , 2014, 592, 4051-4068.	1.3	84
15	Association of low numbers of CD^{206} -positive cells with loss of ICC in the gastric body of patients with diabetic gastroparesis. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1275-1284.	1.6	83
16	Exogenous Serotonin Regulates Proliferation of Interstitial Cells of Cajal in Mouse Jejunum Through 5-HT _{2B} Receptors. <i>Gastroenterology</i> , 2007, 133, 897-906.	0.6	78
17	Ano1 as a regulator of proliferation. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G1044-G1051.	1.6	78
18	Inhibition of cell proliferation by a selective inhibitor of the Ca^{2+} -activated Cl^{-} channel, Ano1. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 248-253.	1.0	78

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19	First-in-Human Study Demonstrating Pharmacological Activation of Heme Oxygenase-1 in Humans. <i>Clinical Pharmacology and Therapeutics</i> , 2010, 87, 187-190.	2.3	77
20	Diabetic and idiopathic gastroparesis is associated with loss of CD206 ⁺ positive macrophages in the gastric antrum. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13018.	1.6	77
21	Sodium current in human jejunal circular smooth muscle cells. <i>Gastroenterology</i> , 2002, 122, 178-187.	0.6	72
22	Conditional genetic deletion of Ano1 in interstitial cells of Cajal impairs Ca ²⁺ transients and slow waves in adult mouse small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G228-G245.	1.6	72
23	Salivary Gland P2 Nucleotide Receptors. <i>Critical Reviews in Oral Biology and Medicine</i> , 1999, 10, 210-224.	4.4	69
24	Local presentation of Steel factor increases expression of c-kit immunoreactive interstitial cells of Cajal in culture. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, G313-G320.	1.6	69
25	Apoptotic cell death of human interstitial cells of Cajal. <i>Neurogastroenterology and Motility</i> , 2009, 21, 85-93.	1.6	68
26	Platelet-Derived Growth Factor Receptor β Regulates Proliferation of Gastrointestinal Stromal Tumor Cells With Mutations in KIT by Stabilizing ETV1. <i>Gastroenterology</i> , 2015, 149, 420-432.e16.	0.6	68
27	SCN5A is expressed in human jejunal circular smooth muscle cells. <i>Neurogastroenterology and Motility</i> , 2002, 14, 477-486.	1.6	66
28	Expression and Trans-synaptic Regulation of P2x4 and P2z Receptors for Extracellular ATP in Parotid Acinar Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 26799-26808.	1.6	64
29	Change in Populations of Macrophages Promotes Development of Delayed Gastric Emptying in Mice. <i>Gastroenterology</i> , 2018, 154, 2122-2136.e12.	0.6	64
30	A Mutation in Telethonin Alters Nav1.5 Function. <i>Journal of Biological Chemistry</i> , 2008, 283, 16537-16544.	1.6	59
31	Hyperglycemia Increases Interstitial Cells of Cajal via MAPK1 and MAPK3 Signaling to ETV1 and KIT, Leading to Rapid Gastric Emptying. <i>Gastroenterology</i> , 2017, 153, 521-535.e20.	0.6	59
32	Tissue-Specific Mathematical Models of Slow Wave Entrainment in Wild-Type and 5-HT2B Knockout Mice with Altered Interstitial Cells of Cajal Networks. <i>Biophysical Journal</i> , 2010, 98, 1772-1781.	0.2	58
33	Intrinsic Gastrointestinal Macrophages: Their Phenotype and Role in Gastrointestinal Motility. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 120-130.e1.	2.3	57
34	Lack of serotonin 5-HT _{2B} receptor alters proliferation and network volume of interstitial cells of Cajal <i>in vivo</i> . <i>Neurogastroenterology and Motility</i> , 2010, 22, 462-e110.	1.6	56
35	Carbon monoxide reverses diabetic gastroparesis in NOD mice. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G1013-G1019.	1.6	54
36	Carbon monoxide activates human intestinal smooth muscle L-type Ca ²⁺ channels through a nitric oxide-dependent mechanism. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G7-G14.	1.6	52

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37	RNA sequencing shows transcriptomic changes in rectosigmoid mucosa in patients with irritable bowel syndrome-diarrhea: a pilot case-control study. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G1089-G1098.	1.6	52
38	Immunoreactivity for Ano1 detects depletion of Kit-positive interstitial cells of Cajal in patients with slow transit constipation. <i>Neurogastroenterology and Motility</i> , 2011, 23, 760-765.	1.6	46
39	Calcium Influx and Neurodegeneration. <i>Annals of the New York Academy of Sciences</i> , 1993, 679, 22-33.	1.8	45
40	Cellular pathogenesis of diabetic gastroenteropathy. <i>Minerva Gastroenterologica E Dietologica</i> , 2009, 55, 315-43.	2.2	45
41	Determination of gastric emptying in nonobese diabetic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G1039-G1045.	1.6	44
42	Effect of mibefradil on sodium and calcium currents. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, G249-G253.	1.6	42
43	Review article: carbon monoxide in gastrointestinal physiology and its potential in therapeutics. <i>Alimentary Pharmacology and Therapeutics</i> , 2013, 38, 689-702.	1.9	41
44	Macrophages in diabetic gastroparesis â€“ the missing link?. <i>Neurogastroenterology and Motility</i> , 2015, 27, 7-18.	1.6	40
45	Irritable bowel syndrome patients have <i>SCN5A</i> channelopathies that lead to decreased Na^{+} current and mechanosensitivity. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G494-G503.	1.6	40
46	Computational modeling of anoctamin 1 calcium-activated chloride channels as pacemaker channels in interstitial cells of Cajal. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G711-G727.	1.6	39
47	Diabetic <i>Csf1op/op</i> Mice Lacking Macrophages Are Protected Against the Development of Delayed Gastric Emptying. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 40-47.	2.3	38
48	Transcriptomic signatures reveal immune dysregulation in human diabetic and idiopathic gastroparesis. <i>BMC Medical Genomics</i> , 2018, 11, 62.	0.7	38
49	CORPOREAL STRUCTURAL AND VASCULAR MICRO ARCHITECTURE WITH X-RAY MICRO COMPUTERIZED TOMOGRAPHY IN NORMAL AND DIABETIC RABBITS: HISTOPATHOLOGICAL CORRELATION. <i>Journal of Urology</i> , 2001, 165, 1776-1782.	0.2	37
50	Identification and characterization of a novel promoter for the human <i>ANO1</i> gene regulated by the transcription factor signal transducer and activator of transcription 6 (STAT6). <i>FASEB Journal</i> , 2015, 29, 152-163.	0.2	37
51	Kit-like immunoreactivity in the zebrafish gastrointestinal tract reveals putative ICC. <i>Developmental Dynamics</i> , 2007, 236, 903-911.	0.8	34
52	Species dependent expression of intestinal smooth muscle mechanosensitive sodium channels. <i>Neurogastroenterology and Motility</i> , 2007, 19, 135-143.	1.6	34
53	The Ca^{2+} channel subunit is expressed in mouse jejunal interstitial cells of Cajal and myocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4422-4431.	1.6	33
54	Effects of hemin on heme oxygenase-1, gastric emptying, and symptoms in diabetic gastroparesis. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1731-1740.	1.6	33

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55	Tumor necrosis factor alpha derived from classically activated α M1 β macrophages reduces interstitial cell of Cajal numbers. <i>Neurogastroenterology and Motility</i> , 2017, 29, e12984.	1.6	33
56	Diagnostic challenges of motility disorders: optimal detection of CD117+ interstitial cells of Cajal. <i>Histopathology</i> , 2009, 54, 286-294.	1.6	31
57	Hydrogen sulfide is a partially redox-independent activator of the human jejunum Na^+ channel, Na^+ 1.5. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G1105-G1114.	1.6	29
58	Kit Signaling Is Required for Development of Coordinated Motility Patterns in Zebrafish Gastrointestinal Tract. <i>Zebrafish</i> , 2013, 10, 154-160.	0.5	26
59	Slow-wave coupling across a gastroduodenal anastomosis as a mechanism for postsurgical gastric dysfunction: evidence for a α gastrointestinal aberrant pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G141-G146.	1.6	26
60	Proteomics in gastroparesis: unique and overlapping protein signatures in diabetic and idiopathic gastroparesis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G716-G726.	1.6	25
61	Protein Kinase $\text{C}\beta$ Mediates Regulation of Proliferation by the Serotonin 5-Hydroxytryptamine Receptor 2B. <i>Journal of Biological Chemistry</i> , 2009, 284, 21177-21184.	1.6	23
62	Interleukin 10 Restores Gastric Emptying, Electrical Activity, and Interstitial Cells of Cajal Networks in Diabetic Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 454-467.	2.3	23
63	Muscularis Propria Macrophages Alter the Proportion of Nitrergic but Not Cholinergic Gastric Myenteric Neurons. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 689-691.e4.	2.3	22
64	Muscularis macrophages establish cell-cell contacts with telocytes/PDGFR α -positive cells and smooth muscle cells in the human and mouse gastrointestinal tract. <i>Neurogastroenterology and Motility</i> , 2021, 33, e13993.	1.6	22
65	T-type Ca^{2+} channel modulation by otilonium bromide. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G706-G713.	1.6	21
66	Numerical metrics for automated quantification of interstitial cell of Cajal network structural properties. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130421.	1.5	21
67	POTASSIUM OUTWARD CURRENTS IN FRESHLY DISSOCIATED RABBIT CORPUS CAVERNOSUM MYOCYTES. <i>Journal of Urology</i> , 2001, 166, 1167-1177.	0.2	20
68	P2X7 receptors in rat parotid acinar cells: formation of large pores. <i>Autonomic and Autacoid Pharmacology</i> , 2001, 21, 181-190.	0.7	18
69	microRNA overexpression in slow transit constipation leads to reduced Na^+ 1.5 current and altered smooth muscle contractility. <i>Gut</i> , 2020, 69, 868-876.	6.1	18
70	Inhibition of a Fast Inwardly Rectifying Potassium Conductance by Barbiturates. <i>Anesthesia and Analgesia</i> , 1996, 82, 1242-1246.	1.1	17
71	Repeat polymorphisms in the Homo sapiens heme oxygenase-1 gene in diabetic and idiopathic gastroparesis. <i>PLoS ONE</i> , 2017, 12, e0187772.	1.1	17
72	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. <i>Neurogastroenterology and Motility</i> , 2003, 15, 643-653.	1.6	16

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73	Direct repression of anoctamin 1 (ANO1) gene transcription by Gli proteins. FASEB Journal, 2019, 33, 6632-6642.	0.2	16
74	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
75	Membrane-To-Nucleus Signaling Links Insulin-Like Growth Factor-1- and Stem Cell Factor-Activated Pathways. PLoS ONE, 2013, 8, e76822.	1.1	14
76	A novel exon in the human Ca ²⁺ -activated Cl ⁻ channel Ano1 imparts greater sensitivity to intracellular Ca ²⁺ . American Journal of Physiology - Renal Physiology, 2015, 309, G743-G749.	1.6	13
77	Expression and function of the <i>Scn5a</i> -encoded voltage-gated sodium channel Na _v 1.5 in the rat jejunum. Neurogastroenterology and Motility, 2016, 28, 64-73.	1.6	13
78	Assessment of Gastric Emptying in Non-obese Diabetic Mice Using a [¹³ C]-octanoic Acid Breath Test. Journal of Visualized Experiments, 2013, , e50301.	0.2	11
79	Identification of intrinsic primary afferent neurons in mouse jejunum. Neurogastroenterology and Motility, 2020, 32, e13989.	1.6	11
80	High temporal resolution gastric emptying breath tests in mice. Neurogastroenterology and Motility, 2018, 30, e13333.	1.6	10
81	Inhibition of a Fast Inwardly Rectifying Potassium Conductance by Barbiturates. Anesthesia and Analgesia, 1996, 82, 1242-1246.	1.1	9
82	Effects of aspirin & simvastatin and aspirin, simvastatin, & lipoic acid on heme oxygenase-1 in healthy human subjects. Neurogastroenterology and Motility, 2014, 26, 1437-1442.	1.6	9
83	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
84	Changes in nitrgergic and tachykinergic pathways in rat proximal colon in response to chronic treatment with otilonium bromide. Neurogastroenterology and Motility, 2015, 27, 997-1009.	1.6	8
85	A simple automated approach to measure mouse whole gut transit. Neurogastroenterology and Motility, 2021, 33, e13994.	1.6	7
86	EAVK segment -sequence confers Ca ²⁺ -dependent changes to the kinetics of full-length human Ano1. American Journal of Physiology - Renal Physiology, 2017, 312, G572-G579.	1.6	6
87	Cellular automaton model for simulating tissue-specific intestinal electrophysiological activity. , 2013, 2013, 5537-40.		5
88	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
89	Extracellular Cl ⁻ 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
90	Expression of RAD21 immunoreactivity in myenteric neurons of the human and mouse small intestine. Neurogastroenterology and Motility, 2018, 30, e13429.	1.6	3

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91	Sodium current in human small intestinal interstitial cells of cajal. <i>Gastroenterology</i> , 2001, 120, A201.	0.6	2
92	Not just there to fill space: profound observations on interstitial cells of Cajal in the gastric fundus. <i>Journal of Physiology</i> , 2018, 596, 1535-1536.	1.3	2
93	Expression of the regulated isoform of the electrogenic Na ⁺ /HCO ₃ ⁻ cotransporter, NBCe1, is enriched in pacemaker interstitial cells of Cajal. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G93-G107.	1.6	2
94	469 Carbon Monoxide Reverses Diabetic Gastroparesis in NOD Mice. <i>Gastroenterology</i> , 2009, 136, A-75.	0.6	1
95	PERSPECTIVES: A little humour relaxes the gallbladder. <i>Journal of Physiology</i> , 2010, 588, 3131-3132.	1.3	1
96	ICC Network Density: Regulation and Consequences. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2013, , 29-49.	0.5	1
97	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. <i>Gastroenterology</i> , 2014, 146, S-19.	0.6	1
98	64 RNA Sequencing Shows Transcriptomic Changes in Rectosigmoid Mucosa in Patients With Irritable Bowel Syndrome-Diarrhea. <i>Gastroenterology</i> , 2014, 146, S-18.	0.6	1
99	677 IBS Patients Have SCN5A Mutations That Result in Decreased NaV1.5 Current and Mechanosensitivity. <i>Gastroenterology</i> , 2015, 148, S-130-S-131.	0.6	1
100	A Method for Multi-day Tracking of Gastrointestinal Smooth Muscle Contractile Patterns in Organotypic Culture. , 2019, 2019, 4791-4794.		1
101	POTASSIUM OUTWARD CURRENTS IN FRESHLY DISSOCIATED RABBIT CORPUS CAVERNOSUM MYOCYTES. <i>Journal of Urology</i> , 2001, , 1167-1177.	0.2	1
102	Computer aided classification of cell nuclei in the gastrointestinal tract by volume and principal axis. , 2007, 6514, 65140E.		0
103	714 Stimulation of the 5-HT2b Receptor On ICC Activates Calcium Dependent Protein Kinase Cs to Induce Proliferation. <i>Gastroenterology</i> , 2008, 134, A-102.	0.6	0
104	850 Induction of Heme Oxygenase Reverses Diabetic Gastroparesis in NOD/Ltj Mice. <i>Gastroenterology</i> , 2008, 134, A-123.	0.6	0
105	S1656 Age Related Loss of Myenteric Neurons and Choline Acetyl Transferase-Positive Neurons in the Normal Human Colon. <i>Gastroenterology</i> , 2008, 134, A-243.	0.6	0
106	265 Immunoreactivity for Ano1 Detects Depletion of Interstitial Cells of Cajal in Patients with Slow Transit Constipation. <i>Gastroenterology</i> , 2009, 136, A-51.	0.6	0
107	377 CD206 Positive M2 Macrophages Expressing Ho1 Protect Against the Development of Delayed GE in a Mouse Model of Diabetic Gastroparesis. <i>Gastroenterology</i> , 2009, 136, A-62.	0.6	0
108	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). <i>Gastroenterology</i> , 2009, 136, A-62.	0.6	0

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109	T1786 Ano1 Is a Selective Marker for Interstitial Cells of Cajal (ICC) and Their Precursors in the Murine Gastrointestinal Tract. <i>Gastroenterology</i> , 2009, 136, A-579.	0.6	0
110	S2062 Age-Related Loss of Interstitial Cells of Cajal in the Human Colon. <i>Gastroenterology</i> , 2010, 138, S-312.	0.6	0
111	S2060 Ano1 Plays a Role in the Proliferation of ICC. <i>Gastroenterology</i> , 2010, 138, S-311.	0.6	0
112	S2061 Effects of Aging on Interstitial Cells of Cajal in the Human Stomach. <i>Gastroenterology</i> , 2010, 138, S-311-S-312.	0.6	0
113	114 Altered Expression of Ano1 Variants in Gastroparesis. <i>Gastroenterology</i> , 2010, 138, S-21.	0.6	0
114	118 Increased Expression of M2c Macrophage-Associated Gene Transcripts in Diabetic Mice Resistant to Delayed Gastric Emptying. <i>Gastroenterology</i> , 2010, 138, S-22.	0.6	0
115	S2064 Tissue-Specific Mathematical Models of Slow Wave Entrainment in Wild-Type and 5-HT2B Knockout Mice With Altered Interstitial Cells of Cajal Networks. <i>Gastroenterology</i> , 2010, 138, S-312.	0.6	0
116	Su2029 Medium Conditioned With Conventionally-Activated M1 Macrophages Inhibits Survival of Mouse Interstitial Cells of Cajal in Primary Culture. <i>Gastroenterology</i> , 2014, 146, S-527.	0.6	0
117	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. <i>Gastroenterology</i> , 2014, 146, S-606.	0.6	0
118	Su2023 IL-4 via STAT6 Regulates a Promoter for the Human Ano1 Gene. <i>Gastroenterology</i> , 2014, 146, S-526.	0.6	0
119	789 A Novel Exon of the Human Calcium-Activated Chloride Channel Ano1 Imparts Greater Sensitivity of Cl ⁻ Current to Intracellular CA ²⁺ . <i>Gastroenterology</i> , 2014, 146, S-135.	0.6	0
120	Su1860 Extracellular Chloride (Cl ⁻) Substitution Disrupts Electrical Slow Wave Activity but Has Small Effects on Membrane Potential in Mouse Jejunal Smooth Muscle. <i>Gastroenterology</i> , 2015, 148, S-536.	0.6	0
121	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. <i>Gastroenterology</i> , 2015, 148, S-19.	0.6	0
122	385 Conditional Genomic Deletion of Ano1 in Kit-Expressing Cells of Adult Mice Results in Loss of Slow Waves and Reduced Coordination of Ca ²⁺ Transients in Myenteric Interstitial Cells of Cajal of the Small Intestine. <i>Gastroenterology</i> , 2015, 148, S-80.	0.6	0
123	299 Diabetic and Idiopathic Gastroparesis Is Associated With Loss of Antral Interstitial Cells of Cajal and CD206 Positive Macrophages. <i>Gastroenterology</i> , 2015, 148, S-65.	0.6	0
124	A Pipeline for the Registration of Calcium Transient Data to Structural Networks of the Interstitial Cells of Cajal. , 2019, 2019, 2765-2768.		0
125	Bicarbonate ion transport by the electrogenic Na ⁺ /HCO ₃ ⁻ cotransporter, NBCe1, is required for normal electrical slow-wave activity in mouse small intestine. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14149.	1.6	0
126	Ano1 as a regulator of proliferation. <i>FASEB Journal</i> , 2011, 25, lb115.	0.2	0

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127	The Na ⁺ /HCO ₃ ⁻ Cotransporter (Nbc1, 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
128	NBCe1 in the Kidney and Lower Urogenital Tract. FASEB Journal, 2019, 33, 544.5.	0.2	0