

Ichiro Sakata

List of Publications by Year in descending order

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92
papers

4,363
citations

126907

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110387

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96
docs citations

96
times ranked

4177
citing authors

#	ARTICLE	IF	CITATIONS
1	Diurnal changes of colonic motility and regulatory factors for colonic motility in <i>Suncus murinus</i> . <i>Neurogastroenterology and Motility</i> , 2022, 34, e14302.	3.0	3
2	The Actions of Centrally Administered Nesfatin-1 on Emesis, Feeding, and Locomotor Activity in <i>Suncus murinus</i> (House Musk Shrew). <i>Frontiers in Pharmacology</i> , 2022, 13, 858522.	3.5	0
3	Identification of motilin in Japanese fire bellied newt. <i>General and Comparative Endocrinology</i> , 2022, 323-324, 114031.	1.8	1
4	Molecular cloning of cholecystokinin (CCK) and CCK-A receptor and mechanism of CCK-induced gastrointestinal motility in <i>Suncus murinus</i> . <i>General and Comparative Endocrinology</i> , 2022, 327, 114074.	1.8	1
5	The role of central corticotrophin-releasing factor receptor signalling in plasma glucose maintenance through ghrelin secretion in calorie-restricted mice. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12961.	2.6	1
6	Pyridoxine stimulates filaggrin production in human epidermal keratinocytes. <i>Molecular Biology Reports</i> , 2021, 48, 5513-5518.	2.3	3
7	The suppressive effect of REVERBs on ghrelin and GOAT transcription in gastric ghrelin-producing cells. <i>Neuropeptides</i> , 2021, 90, 102187.	2.2	2
8	Molecular characterization and expression analysis of the regenerating islet-derived protein 3 alpha from <i>Suncus murinus</i> . <i>Gene Reports</i> , 2021, 25, 101400.	0.8	0
9	Ghrelin-cell physiology and role in the gastrointestinal tract. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021, 28, 238-242.	2.3	7
10	Generation and characterization of <i>Suncus murinus</i> intestinal organoid: a useful tool for studying motilin secretion. <i>Cell Biology International</i> , 2020, 44, 62-69.	3.0	1
11	Identification of pheasant ghrelin and motilin and their actions on contractility of the isolated gastrointestinal tract. <i>General and Comparative Endocrinology</i> , 2020, 285, 113294.	1.8	14
12	The inhibitory effect of somatostatin on gastric motility in <i>Suncus murinus</i> . <i>Journal of Smooth Muscle Research</i> , 2020, 56, 69-81.	1.2	1
13	Molecular cloning and analysis of <i>Suncus murinus</i> group IIA secretory phospholipase A2 expression. <i>Developmental and Comparative Immunology</i> , 2019, 100, 103427.	2.3	2
14	Utility of animal gastrointestinal motility and transit models in functional gastrointestinal disorders. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2019, 40-41, 101633.	2.4	11
15	Adenosine stimulates neuromedin U mRNA expression in the rat pars tuberalis. <i>Molecular and Cellular Endocrinology</i> , 2019, 496, 110518.	3.2	2
16	Identification and characterization of an antimicrobial peptide, lysozyme, from <i>Suncus murinus</i> . <i>Cell and Tissue Research</i> , 2019, 376, 401-412.	2.9	3
17	A verification study of gastrointestinal motility-stimulating action of guinea-pig motilin using isolated gastrointestinal strips from rabbits and guinea-pigs. <i>General and Comparative Endocrinology</i> , 2019, 274, 106-112.	1.8	6
18	Circulating messenger for neuroprotection induced by molecular hydrogen. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 909-915.	1.4	8

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19	Study of termination of postprandial gastric contractions in humans, dogs and <i>Suncus murinus</i> : role of motilin and ghrelin-induced strong contraction. <i>Acta Physiologica</i> , 2018, 222, e12933.	3.8	6
20	GABAergic and glutamatergic neurons in the brain regulate phase II of migrating motor contractions in the <i>Suncus murinus</i> . <i>Journal of Smooth Muscle Research</i> , 2018, 54, 91-99.	1.2	3
21	β -Oxidation in ghrelin-producing cells is important for ghrelin acyl-modification. <i>Scientific Reports</i> , 2018, 8, 9176.	3.3	16
22	The role of nesfatin-1 in the regulation of feeding and emesis in <i>Suncus murinus</i> (House Musk Shrew). Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-31.	0.0	0
23	The effect of glutamate on ghrelin release in mice. <i>Cell Biology International</i> , 2017, 41, 320-327.	3.0	5
24	Underlying mechanism of the cyclic migrating motor complex in <i>Suncus murinus</i> : a change in gastrointestinal pH is the key regulator. <i>Physiological Reports</i> , 2017, 5, e13105.	1.7	8
25	Milk basic protein increases ghrelin secretion and bone mineral density in rodents. <i>Nutrition</i> , 2017, 39-40, 15-19.	2.4	3
26	Using a Whole-mount Immunohistochemical Method to Study the Innervation of the Biliary Tract in <i>Suncus murinus</i> . <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
27	Role of Hormone-sensitive Lipase in Leptin-Promoted Fat Loss and Glucose Lowering. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 1105-1116.	2.0	6
28	The important role of ghrelin on gastric contraction in <i>Suncus murinus</i> . <i>Endocrine Journal</i> , 2017, 64, S11-S14.	1.6	3
29	The study of ghrelin secretion and acyl-modification using mice and ghrelinoma cell lines. <i>Endocrine Journal</i> , 2017, 64, S27-S29.	1.6	3
30	Molecular cloning of motilin and mechanism of motilin-induced gastrointestinal motility in Japanese quail. <i>General and Comparative Endocrinology</i> , 2016, 233, 53-62.	1.8	13
31	A comparative study of sex difference in calbindin neurons among mice, musk shrews, and Japanese quails. <i>Neuroscience Letters</i> , 2016, 631, 63-69.	2.1	13
32	A Sexually Dimorphic Area of the Dorsal Hypothalamus in Mice and Common Marmosets. <i>Endocrinology</i> , 2016, 157, 4817-4828.	2.8	14
33	Identification of marker genes for pars tuberalis morphogenesis in chick embryo: expression of Cytokine-like 1 and Gap junction protein alpha 5 in pars tuberalis. <i>Cell and Tissue Research</i> , 2016, 366, 721-731.	2.9	4
34	Molecular Cloning of Ghrelin and Characteristics of Ghrelin-Producing Cells in the Gastrointestinal Tract of the Common Marmoset (<i>Callithrix jacchus</i>). <i>Zoological Science</i> , 2016, 33, 497-504.	0.7	4
35	The proximal gastric corpus is the most responsive site of motilin-induced contractions in the stomach of the Asian house shrew. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 665-675.	1.5	3
36	Involvement of Transient Receptor Potential Vanilloid Receptor 1, (TRPV1)-Expressing Vagal Nerve in the Inhibitory Effect of Gastric Acidification on Exogenous Motilin-Induced Gastric Phase III Contractions in <i>Suncus murinus</i> . <i>Digestive Diseases and Sciences</i> , 2016, 61, 1501-1511.	2.3	9

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37	Increased ghrelin signaling prolongs survival in mouse models of human aging through activation of sirtuin1. <i>Molecular Psychiatry</i> , 2016, 21, 1613-1623.	7.9	87
38	<i>Rikkunshito</i> induces gastric relaxation via the β_2 -adrenergic pathway in <i>Suncus murinus</i> . <i>Neurogastroenterology and Motility</i> , 2015, 27, 875-884.	3.0	5
39	Motilin Stimulates Gastric Acid Secretion in Coordination with Ghrelin in <i>Suncus murinus</i> . <i>PLoS ONE</i> , 2015, 10, e0131554.	2.5	17
40	Ghrelin Is an Essential Factor for Motilin-Induced Gastric Contraction in <i>Suncus murinus</i> . <i>Endocrinology</i> , 2015, 156, 4437-4447.	2.8	34
41	Neuroanatomical and functional characterization of CRF neurons of the amygdala using a novel transgenic mouse model. <i>Neuroscience</i> , 2015, 289, 153-165.	2.3	25
42	Motilin stimulates pepsinogen secretion in <i>Suncus murinus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 263-268.	2.1	3
43	A high-throughput direct fluorescence resonance energy transfer-based assay for analyzing apoptotic proteases using flow cytometry and fluorescence lifetime measurements. <i>Analytical Biochemistry</i> , 2015, 491, 10-17.	2.4	15
44	Role of Calcium and EPAC in Norepinephrine-Induced Ghrelin Secretion. <i>Endocrinology</i> , 2014, 155, 98-107.	2.8	19
45	Regulation of LH/FSH expression by secretoglobin 3A2 in the mouse pituitary gland. <i>Cell and Tissue Research</i> , 2014, 356, 253-260.	2.9	3
46	G protein-coupled receptor 120 signaling regulates ghrelin secretion in vivo and in vitro. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E28-E35.	3.5	74
47	Detailed morphogenetic analysis of the embryonic chicken pars tuberalis as glycoprotein alpha subunit positive region. <i>Journal of Molecular Histology</i> , 2013, 44, 401-409.	2.2	4
48	Seven transmembrane G protein-coupled receptor repertoire of gastric ghrelin cells. <i>Molecular Metabolism</i> , 2013, 2, 376-392.	6.5	261
49	Characterization of Gastric and Neuronal Histaminergic Populations Using a Transgenic Mouse Model. <i>PLoS ONE</i> , 2013, 8, e60276.	2.5	18
50	Mechanism of Ghrelin-Induced Gastric Contractions in <i>Suncus murinus</i> (House Musk Shrew): Involvement of Intrinsic Primary Afferent Neurons. <i>PLoS ONE</i> , 2013, 8, e60365.	2.5	21
51	The Role of the Vagus Nerve in the Migrating Motor Complex and Ghrelin- and Motilin-Induced Gastric Contraction in <i>Suncus</i> . <i>PLoS ONE</i> , 2013, 8, e64777.	2.5	40
52	Expression of Serum Retinol Binding Protein and Transthyretin within Mouse Gastric Ghrelin Cells. <i>PLoS ONE</i> , 2013, 8, e64882.	2.5	12
53	Negative Regulation of Neuromedin U mRNA Expression in the Rat Pars Tuberalis by Melatonin. <i>PLoS ONE</i> , 2013, 8, e67118.	2.5	22
54	Glucose-mediated control of ghrelin release from primary cultures of gastric mucosal cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1300-E1310.	3.5	84

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55	Glutamine and glutamic acid enhance thyroid-stimulating hormone β subunit mRNA expression in the rat pars tuberalis. <i>Journal of Endocrinology</i> , 2012, 212, 383-394.	2.6	15
56	Collision of millimetre droplets induces DNA and protein transfection into cells. <i>Scientific Reports</i> , 2012, 2, 289.	3.3	16
57	Detailed analysis of the β -crystallin mRNA-expressing region in early development of the chick pituitary gland. <i>Journal of Molecular Histology</i> , 2012, 43, 273-280.	2.2	3
58	A Major Lineage of Enteroendocrine Cells Coexpress CCK, Secretin, GIP, GLP-1, PYY, and Neurotensin but Not Somatostatin. <i>Endocrinology</i> , 2012, 153, 5782-5795.	2.8	269
59	Molecular identification of GHS-R and GPR38 in <i>Suncus murinus</i> . <i>Peptides</i> , 2012, 36, 29-38.	2.4	36
60	Coordination of motilin and ghrelin regulates the migrating motor complex of gastrointestinal motility in <i>Suncus murinus</i> . <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G1207-G1215.	3.4	41
61	Hindbrain Ghrelin Receptor Signaling Is Sufficient to Maintain Fasting Glucose. <i>PLoS ONE</i> , 2012, 7, e44089.	2.5	52
62	Proton- and ammonium-sensing by histaminergic neurons controlling wakefulness. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 23.	2.5	31
63	In vitro selection of a peptide antagonist of growth hormone secretagogue receptor using cDNA display. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11121-11126.	7.1	40
64	Functional implications of limited leptin receptor and ghrelin receptor coexpression in the brain. <i>Journal of Comparative Neurology</i> , 2012, 520, 281-294.	1.6	76
65	Ghrelin Directly Stimulates Glucagon Secretion from Pancreatic β -Cells. <i>Molecular Endocrinology</i> , 2011, 25, 1600-1611.	3.7	108
66	Ghrelin mediates stress-induced food-reward behavior in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2684-2692.	8.2	279
67	Myenteric neural network activated by motilin in the stomach of <i>Suncus murinus</i> (house musk) Tj ETQq1 1 0.784314 rgBT / Overlock 26	3.0	26
68	Genetic tracing of Nav1.8-expressing vagal afferents in the mouse. <i>Journal of Comparative Neurology</i> , 2011, 519, 3085-3101.	1.6	100
69	Ghrelin Cells in the Gastrointestinal Tract. <i>International Journal of Peptides</i> , 2010, 2010, 1-7.	0.7	89
70	Ghrelin secretion stimulated by β -adrenergic receptors in cultured ghrelinoma cells and in fasted mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15868-15873.	7.1	170
71	Physiological characteristics of gastric contractions and circadian gastric motility in the free-moving conscious house musk shrew (<i>Suncus murinus</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1106-R1113.	1.8	38
72	Ghrelin Increases the Rewarding Value of High-Fat Diet in an Orexin-Dependent Manner. <i>Biological Psychiatry</i> , 2010, 67, 880-886.	1.3	314

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73	Colocalization of ghrelin<i>O</i>-acyltransferase and ghrelin in gastric mucosal cells. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E134-E141.	3.5	109
74	Characterization of a novel ghrelin cell reporter mouse. Regulatory Peptides, 2009, 155, 91-98.	1.9	84
75	House musk shrew (<i>Suncus murinus</i> , order: Insectivora) as a new model animal for motilin study. Peptides, 2009, 30, 318-329.	2.4	57
76	Identification of ghrelin in the house musk shrew (<i>Suncus murinus</i>): cDNA cloning, peptide purification and tissue distribution. Peptides, 2009, 30, 982-990.	2.4	39
77	Detailed analysis of formation of chicken pituitary primordium in early embryonic development. Cell and Tissue Research, 2008, 333, 417-426.	2.9	15
78	DNA Introduction into Living Cells by Water Droplet Impact with an Electrospray Process. Angewandte Chemie - International Edition, 2008, 47, 1429-1431.	13.8	23
79	The orexigenic hormone ghrelin defends against depressive symptoms of chronic stress. Nature Neuroscience, 2008, 11, 752-753.	14.8	534
80	Gastric leptin, but not estrogen and somatostatin, contributes to the elevation of ghrelin mRNA expression level in fasted rats. Journal of Endocrinology, 2008, 196, 529-538.	2.6	39
81	Diurnal Change of Thyroidâ€­Stimulating Hormone mRNA Expression in the Rat Pars Tuberalis. Journal of Neuroendocrinology, 2007, 19, 839-846.	2.6	26
82	Identification of immunoreactive plasma and stomach ghrelin, and expression of stomach ghrelin mRNA in the bullfrog, <i>Rana catesbeiana</i> . General and Comparative Endocrinology, 2006, 148, 236-244.	1.8	26
83	Gastric estrogen directly induces ghrelin expression and production in the rat stomach. Journal of Endocrinology, 2006, 190, 749-757.	2.6	53
84	Caspase-3 sensitive signaling in vivo in apoptotic HeLa cells by chemically engineered intramolecular fluorescence resonance energy transfer mutants of green fluorescent protein. Biochemical and Biophysical Research Communications, 2005, 330, 454-460.	2.1	18
85	Exogenous administration of octanoic acid accelerates octanoylated ghrelin production in the proventriculus of neonatal chicks. Biochemical and Biophysical Research Communications, 2005, 333, 583-589.	2.1	44
86	Structural determination and histochemical localization of ghrelin in the red-eared slider turtle, <i>Trachemys scripta elegans</i> . General and Comparative Endocrinology, 2004, 138, 50-57.	1.8	49
87	Localization of Ghrelin-Producing Cells in the Stomach of the Rainbow Trout (<i>Oncorhynchus mykiss</i>). Zoological Science, 2004, 21, 757-762.	0.7	40
88	Estrogen modulates ghrelin expression in the female rat stomach. Peptides, 2004, 25, 289-297.	2.4	73
89	Growth hormone secretagogue receptor expression in the cells of the stomach-projected afferent nerve in the rat nodose ganglion. Neuroscience Letters, 2003, 342, 183-186.	2.1	110
90	Existence of ghrelin-immunopositive and -expressing cells in the proventriculus of the hatching and adult chicken. Regulatory Peptides, 2003, 111, 123-128.	1.9	60

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91	Postnatal changes in ghrelin mRNA expression and in ghrelin-producing cells in the rat stomach. <i>Journal of Endocrinology</i> , 2002, 174, 463-471.	2.6	59
92	Ghrelin-producing cells exist as two types of cells, closed- and opened-type cells, in the rat gastrointestinal tract. <i>Peptides</i> , 2002, 23, 531-536.	2.4	276