

Takio Kitazawa

List of Publications by Year in descending order

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83
papers

1,457
citations

304743

22
h-index

395702

33
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83
all docs

83
docs citations

83
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Gastric motor effects of peptide and non-peptide ghrelin agonists in mice in vivo and in vitro. <i>Cut</i> , 2005, 54, 1078-1084.	12.1	131
2	Regulation of Gastrointestinal Motility by Motilin and Ghrelin in Vertebrates. <i>Frontiers in Endocrinology</i> , 2019, 10, 278.	3.5	58
3	Contractile effects of ghrelin-related peptides on the chicken gastrointestinal tract in vitro. <i>Peptides</i> , 2007, 28, 617-624.	2.4	57
4	In vitro pharmacological characterization of the prostanoid receptor population in the non-pregnant porcine myometrium. <i>European Journal of Pharmacology</i> , 2002, 442, 115-123.	3.5	48
5	Stimulating action of KWâ€¦139 (Leu ¹³ -motilin) on gastrointestinal motility in the rabbit. <i>British Journal of Pharmacology</i> , 1994, 111, 288-294.	5.4	44
6	Muscarinic receptor subtypes involved in carbachol-induced contraction of mouse uterine smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 377, 503-513.	3.0	39
7	Molecular cloning of growth hormone secretagogue-receptor and effect of quail ghrelin on gastrointestinal motility in Japanese quail. <i>Regulatory Peptides</i> , 2009, 158, 132-142.	1.9	37
8	M ₃ Muscarinic Receptors Mediate Positive Inotropic Responses in Mouse Atria: A Study with Muscarinic Receptor Knockout Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 487-493.	2.5	36
9	Three distinct muscarinic signalling pathways for cationic channel activation in mouse gut smooth muscle cells. <i>Journal of Physiology</i> , 2007, 582, 41-61.	2.9	34
10	Characterization of the muscarinic receptor subtype that mediates the contractile response of acetylcholine in the swine myometrium. <i>European Journal of Pharmacology</i> , 1999, 367, 325-334.	3.5	32
11	Binding and functional characterization of alphaâ€¦2 adrenoceptors in isolated swine myometrium. <i>Autonomic and Autacid Pharmacology</i> , 1995, 15, 93-105.	0.6	31
12	Molecular identification of ghrelin receptor (GHS-R1a) and its functional role in the gastrointestinal tract of the guinea-pig. <i>Peptides</i> , 2011, 32, 1876-1886.	2.4	31
13	Functional characterization of neural and smooth muscle motilin receptors in the chicken proventriculus and ileum. <i>Regulatory Peptides</i> , 1997, 71, 87-95.	1.9	29
14	Muscle layer- and region-dependent distributions of oxytocin receptors in the porcine myometrium. <i>Peptides</i> , 2001, 22, 963-974.	2.4	29
15	5-HT ₇ receptor and Î² ₂ -adrenoceptor share in the inhibition of porcine uterine contractility in a muscle layer-dependent manner. <i>European Journal of Pharmacology</i> , 2001, 433, 187-197.	3.5	28
16	Ghrelin stimulates gastric motility of the guinea pig through activation of a capsaicin-sensitive neural pathway: <i>in vivo</i> and <i>in vitro</i> functional studies. <i>Neurogastroenterology and Motility</i> , 2010, 22, 446-e107.	3.0	28
17	Functions of Muscarinic Receptor Subtypes in Gastrointestinal Smooth Muscle: A Review of Studies with Receptor-Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 926.	4.1	28
18	Involvement of 5-hydroxytryptamine ₇ receptors in inhibition of porcine myometrial contractility by 5-hydroxytryptamine. <i>British Journal of Pharmacology</i> , 1998, 123, 173-182.	5.4	27

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19	Uterine region-dependent differences in responsiveness to prostaglandins in the non-pregnant porcine myometrium. <i>Prostaglandins and Other Lipid Mediators</i> , 2005, 75, 105-122.	1.9	27
20	Involvement of COX2- θ thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish. <i>Aquatic Toxicology</i> , 2014, 154, 19-26.	4.0	27
21	The Leu ¹³ -motilin (KW θ 5139)-evoked release of acetylcholine from enteric neurones in the rabbit duodenum. <i>British Journal of Pharmacology</i> , 1993, 109, 94-99.	5.4	25
22	Muscle layer and regional differences in autonomic innervation and responsiveness to transmitter agents in swine myometrium. <i>Autonomic and Autacoid Pharmacology</i> , 1994, 14, 213-227.	0.6	24
23	Smooth Muscle Layer-Specific Variations in the Autonomic Innervation of Bovine Myometrium. <i>General Pharmacology</i> , 1999, 32, 91-100.	0.7	23
24	Ghrelin does not affect gastrointestinal contractility in rainbow trout and goldfish in vitro. <i>General and Comparative Endocrinology</i> , 2012, 178, 539-545.	1.8	23
25	Motilin Comparative Study: Structure, Distribution, Receptors, and Gastrointestinal Motility. <i>Frontiers in Endocrinology</i> , 2021, 12, 700884.	3.5	21
26	Functional roles of muscarinic M2 and M3 receptors in mouse stomach motility: Studies with muscarinic receptor knockout mice. <i>European Journal of Pharmacology</i> , 2007, 554, 212-222.	3.5	20
27	Cytochrome P450 Expression and Chemical Metabolic Activity before Full Liver Development in Zebrafish. <i>Pharmaceuticals</i> , 2020, 13, 456.	3.8	20
28	The mechanisms of β -adrenoceptor agonist-induced contraction in longitudinal muscle of the porcine uterus. <i>European Journal of Pharmacology</i> , 2000, 390, 185-195.	3.5	19
29	Pharmacological characterization of 5-hydroxytryptamine-induced contraction in the chicken gastrointestinal tract. <i>Autonomic and Autacoid Pharmacology</i> , 2006, 26, 157-168.	0.5	19
30	Excitatory action of [Leu ¹³]motilin on the gastrointestinal smooth muscle isolated from the chicken. <i>Peptides</i> , 1995, 16, 1243-1252.	2.4	18
31	Histamine mediates the muscle layer-specific responses in the isolated swine myometrium. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 1997, 20, 187-197.	1.3	18
32	5-HT ₇ receptor-mediated relaxation of the oviduct in nonpregnant proestrus pigs. <i>European Journal of Pharmacology</i> , 2003, 461, 207-218.	3.5	18
33	Age-dependent reduction of ghrelin- and motilin-induced contractile activity in the chicken gastrointestinal tract. <i>Peptides</i> , 2013, 43, 88-95.	2.4	18
34	Aroclor 1254 and BDE-47 inhibit dopaminergic function manifesting as changes in locomotion behaviors in zebrafish embryos. <i>Chemosphere</i> , 2018, 193, 1207-1215.	8.2	17
35	Effects of ghrelin and motilin on smooth muscle contractility of the isolated gastrointestinal tract from the bullfrog and Japanese fire belly newt. <i>General and Comparative Endocrinology</i> , 2016, 232, 51-59.	1.8	16
36	Transcriptional profiling of cytochrome P450 genes in the liver of adult zebrafish, <i>&i>Danio rerio</i> . <i>Journal of Toxicological Sciences</i> , 2019, 44, 347-356.	1.5	16

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37	Intracerebroventricular Administration of Growth Hormone Releasing Peptide-6 (GHRP-6) Inhibits Food Intake, but not Food Retention of Crop and Stomach in Neonatal Chicks. <i>Journal of Poultry Science</i> , 2006, 43, 35-40.	1.6	16
38	Smooth muscle layer-dependent distribution of 5-hydroxytryptamine ₇ receptor in the porcine myometrium. <i>British Journal of Pharmacology</i> , 2000, 130, 79-89.	5.4	15
39	Potential of motilin-induced contraction by nitric oxide synthase inhibition in the isolated chicken gastrointestinal tract. <i>Neurogastroenterology and Motility</i> , 2002, 14, 3-13.	3.0	15
40	Muscarinic receptor subtypes involved in regulation of colonic motility in mice: Functional studies using muscarinic receptor-deficient mice. <i>European Journal of Pharmacology</i> , 2011, 670, 236-243.	3.5	15
41	Characterization of feline cytochrome P450 2B6. <i>Xenobiotica</i> , 2017, 47, 93-102.	1.1	14
42	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
43	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
44	Structural determination, distribution, and physiological actions of ghrelin in the guinea pig. <i>Peptides</i> , 2018, 99, 70-81.	2.4	13
45	Limited expression of functional cytochrome p450 2c subtypes in the liver and small intestine of domestic cats. <i>Xenobiotica</i> , 2019, 49, 627-635.	1.1	13
46	Characterization of functional endothelin receptors in the porcine myometrium. <i>Peptides</i> , 2000, 21, 543-551.	2.4	12
47	Pregnancy-associated changes in responsiveness of the porcine myometrium to bioactive substances. <i>European Journal of Pharmacology</i> , 2003, 469, 135-144.	3.5	12
48	Endogenous prostaglandins regulate spontaneous contractile activity of uterine strips isolated from non-pregnant pigs. <i>Prostaglandins and Other Lipid Mediators</i> , 2006, 81, 93-105.	1.9	12
49	Functional expression and comparative characterization of four feline P450 cytochromes using fluorescent substrates. <i>Xenobiotica</i> , 2017, 47, 951-961.	1.1	12
50	Dexamethasone-induced hepatomegaly and steatosis in larval zebrafish. <i>Journal of Toxicological Sciences</i> , 2017, 42, 455-459.	1.5	12
51	Does motilin stimulate the gastrointestinal motility of the pig? In vitro study using smooth muscle strips and dispersed muscle cells. <i>General Pharmacology</i> , 1996, 27, 655-664.	0.7	11
52	Thromboxane A ₂ (TP) receptor in the non-pregnant porcine myometrium and its role in regulation of spontaneous contractile activity. <i>European Journal of Pharmacology</i> , 2004, 485, 317-327.	3.5	11
53	Evidence for M ₂ and M ₃ Muscarinic Receptor Involvement in Cholinergic Excitatory Junction Potentials Through Synergistic Activation of Cation Channels in the Longitudinal Muscle of Mouse Ileum. <i>Journal of Pharmacological Sciences</i> , 2013, 121, 227-236.	2.5	9
54	Protective effect of prostacyclin against pre-cardiac edema caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin and a thromboxane receptor agonist in developing zebrafish. <i>Chemosphere</i> , 2016, 156, 111-117.	8.2	9

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55	Does motilin peptide regulate gastrointestinal motility of zebrafish? An in vitro study using isolated intestinal strips. <i>General and Comparative Endocrinology</i> , 2017, 249, 15-23.	1.8	9
56	Correlation of ghrelin concentration and ghrelin, ghrelin-O-acetyltransferase (GOAT) and growth hormone secretagogue receptor 1a mRNAs expression in the proventriculus and brain of the growing chicken. <i>Peptides</i> , 2015, 63, 134-142.	2.4	8
57	The chicken is an interesting animal for study of the functional role of ghrelin in the gastrointestinal tract. <i>Endocrine Journal</i> , 2017, 64, S5-S9.	1.6	7
58	Î±1B-adrenoceptor-mediated positive inotropic and positive chronotropic actions in the mouse atrium. <i>European Journal of Pharmacology</i> , 2018, 839, 82-88.	3.5	7
59	Mechanisms of 5-hydroxytryptamine-induced inhibition in the porcine myometrium. <i>Autonomic and Autacoid Pharmacology</i> , 1999, 19, 65-75.	0.6	6
60	Accumulation properties of inorganic mercury and organic mercury in the red-crowned crane <i>Grus japonensis</i> in east Hokkaido, Japan. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 557-564.	6.0	6
61	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
62	Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish. <i>Chemosphere</i> , 2020, 254, 126808.	8.2	6
63	Intracerebroventricular administration of chicken motilin does not induce hyperphagia in meat-type chicks. <i>Physiology and Behavior</i> , 2004, 82, 199-203.	2.1	5
64	Excitatory and inhibitory 5-hydroxytryptamine (5-HT) receptors expressed in the isolated porcine uterine muscles. <i>European Journal of Pharmacology</i> , 2008, 600, 123-129.	3.5	5
65	Characterization of prostanoid receptors present on adrenergic neurons innervating the porcine uterine longitudinal muscle. <i>Prostaglandins and Other Lipid Mediators</i> , 2008, 86, 26-34.	1.9	5
66	Immunohistochemical and functional studies for M ₃ muscarinic receptors and cyclooxygenase-2 expressed in the mouse atrium. <i>Autonomic and Autacoid Pharmacology</i> , 2012, 32, 41-52.	0.5	5
67	Neuropeptide Y (NPY) inhibits spontaneous contraction of the mouse atrium by possible activation of the NPY ₁ receptor. <i>Autonomic and Autacoid Pharmacology</i> , 2017, 37, 23-28.	0.5	5
68	Contamination Status of Seven Elements in Hooded Cranes Wintering in South-West Kyushu, Japan: Comparison with Red-Crowned Cranes in Hokkaido, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 557-565.	4.1	5
69	Motilin- and ghrelin-induced contractions in isolated gastrointestinal strips from three species of frogs. <i>General and Comparative Endocrinology</i> , 2021, 300, 113649.	1.8	5
70	Genetic diversity of cytochrome P450 3A with different metabolic activity in domestic cats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 598-600.	0.9	4
71	Regulation of Heart Contractility by M ₂ and M ₃ Muscarinic Receptors: Functional Studies Using Muscarinic Receptor Knockout Mouse. <i>Neuromethods</i> , 2016, , 235-259.	0.3	4
72	Metabarcoding of feces and intestinal contents to determine carnivorous diets in red-crowned cranes in eastern Hokkaido, Japan. <i>Journal of Veterinary Medical Science</i> , 2022, 84, 358-367.	0.9	4

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73	Changes of Mercury Contamination in Red-Crowned Cranes, <i>Grus japonensis</i> , in East Hokkaido, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 153-160.	4.1	3
74	A ganglionic stimulant, 1,1-dimethyl-4-phenylpiperazinium, caused both cholinergic and adrenergic responses in the isolated mouse atrium. <i>European Journal of Pharmacology</i> , 2013, 704, 7-14.	3.5	2
75	Genetic diversity of cytochrome P450 1A2 with different metabolic activities in domestic cats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 980-982.	0.9	2
76	Oxidative stress inducers potentiate 2,3,7,8-tetrachlorodibenzo- <i>p</i> -dioxin-mediated pre-cardiac edema in larval zebrafish. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 1050-1058.	0.9	2
77	Functional assessment of the gluteus medius, cranial part of the biceps femoris, and vastus lateralis in Beagle dogs based on a novel gait phase classification. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 116-124.	0.9	1
78	Pheasant motilin, its distribution and gastrointestinal contractility-stimulating action in the pheasant. <i>General and Comparative Endocrinology</i> , 2021, 314, 113897.	1.8	1
79	Genetic diversity of cytochrome P450 2A with different metabolic activities in domestic cats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 983-985.	0.9	0
80	PHARMACOLOGICAL CHARACTERIZATION OF PROSTANOID RECEPTORS IN NON-PREGNANT PORCINE MYOMETRIUM. <i>Journal of Smooth Muscle Research Japanese Section</i> , 2001, 5, J69-J80.	0.1	0
81	An in Vitro Study on Spontaneous Contractility and Drug Responsiveness of Porcine Myometrium During Three Ovarian Stages. <i>Nihon Yoton Gakkaishi</i> , 2005, 42, 165-177.	0.1	0
82	Guinea-pig ghrelin: its structure, distribution and function in the gastrointestinal tract. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-6-25.	0.0	0
83	Effects of prostaglandin E ₂ and F _{2α} on expression of growth factors and proliferation of bovine endometrial cells and explants <i>in vitro</i> . <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-6-5.	0.0	0