Kazuki Nagasawa

List of Publications by Year
in descending order

78	1,349	361296 20	414303 32
papers	citations	h-index	g-index

78	78	78	1657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dextran sulfate sodium-induced colitis in C57BL/6J mice increases their susceptibility to chronic unpredictable mild stress that induces depressive-like behavior. Life Sciences, 2022, 289, 120217.	2.0	7
2	Alteration of sweet taste receptor expression in circumvallate papillae of mice with decreased sweet taste preference induced by social defeat stress. Journal of Nutritional Biochemistry, 2022, 107, 109055.	1.9	3
3	Liposomalization of Oxaliplatin Exacerbates the Non-Liposomal Formulation-Induced Decrease of Sweet Taste Sensitivity in Rats. Journal of Pharmaceutical Sciences, 2021, 110, 3937-3945.	1.6	2
4	Reproducible induction of depressive-like behavior in C57BL/6J mice exposed to chronic social defeat stress with a modified sensory contact protocol. Life Sciences, 2021, 282, 119821.	2.0	7
5	Elevation of the Blood Glucose Level is Involved in an Increase in Expression of Sweet Taste Receptors in Taste Buds of Rat Circumvallate Papillae. Nutrients, 2020, 12, 990.	1.7	6
6	Copper accumulation in the brain causes the elevation of oxidative stress and less anxious behavior in Ts1Cje mice, a model of Down syndrome. Free Radical Biology and Medicine, 2019, 134, 248-259.	1.3	15
7	Intracellular labile zinc is a determinant of vulnerability of cultured astrocytes to oxidative stress. Neuroscience Letters, 2019, 707, 134315.	1.0	3
8	Transient receptor potential vanilloid 4 mediates sour taste sensing via type III taste cell differentiation. Scientific Reports, 2019, 9, 6686.	1.6	17
9	ATP metabolizing enzymes ENPP1, 2 and 3 are localized in sensory neurons of rat dorsal root ganglion. European Journal of Histochemistry, 2018, 62, 2877.	0.6	5
10	Ergothioneine ameliorates oxaliplatin-induced peripheral neuropathy in rats. Life Sciences, 2018, 207, 516-524.	2.0	37
11	Bortezomib alters sour taste sensitivity in mice. Toxicology Reports, 2017, 4, 172-180.	1.6	6
12	Inhibitory effect of divalent metal cations on zinc uptake via mouse Zrt-/Irt-like protein 8 (ZIP8). Life Sciences, 2017, 173, 80-85.	2.0	8
13	Liposomalization of oxaliplatin induces skin accumulation of it, but negligible skin toxicity. Toxicology and Applied Pharmacology, 2017, 337, 76-84.	1.3	5
14	Oxidative stress-induced increase of intracellular zinc in astrocytes decreases their functional expression of P2X7 receptors and engulfing activity. Metallomics, 2017, 9, 1839-1851.	1.0	13
15	Species Difference in Sensitivity of Human and Mouse P2X7 Receptors to Inhibitory Effects of Divalent Metal Cations. Biological and Pharmaceutical Bulletin, 2017, 40, 375-380.	0.6	8
16	Prophylactic Oral Administration of Magnesium Ameliorates Dextran Sulfate Sodium-Induced Colitis in Mice through a Decrease of Colonic Accumulation of P2X7 Receptor-Expressing Mast Cells. Biological and Pharmaceutical Bulletin, 2017, 40, 1071-1077.	0.6	13
17	Oxaliplatin Alters Expression of T1R2 Receptor and Sensitivity to Sweet Taste in Rats. Biological and Pharmaceutical Bulletin, 2016, 39, 578-586.	0.6	10
18	Oxidative stress upregulates zinc uptake activity via Zrt/Irt-like protein 1 (ZIP1) in cultured mouse astrocytes. Life Sciences, 2016, 151, 305-312.	2.0	21

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19	Expression of Prostatic Acid Phosphatase in Rat Circumvallate Papillae. PLoS ONE, 2016, 11, e0158401.	1.1	1
20	Opioid analgesics increase incidence of somnolence and dizziness as adverse effects of pregabalin: a retrospective study. Journal of Pharmaceutical Health Care and Sciences, 2015, 1, 30.	0.4	10
21	Characterization of zinc uptake by mouse primary cultured astrocytes and microglia. Metallomics, 2015, 7, 1067-1077.	1.0	16
22	Expression of adenosine A2b receptor in rat type II and III taste cells. Histochemistry and Cell Biology, 2014, 141, 499-506.	0.8	16
23	Regulation of activity of P2X7 receptor by its splice variants in cultured mouse astrocytes. Glia, 2014, 62, 440-451.	2.5	20
24	The effect of divalent metal cations on zinc uptake by mouse Zrt/Irt-like protein 1 (ZIP1). Life Sciences, 2014, 113, 40-44.	2.0	9
25	Expression profile of vesicular nucleotide transporter (VNUT, SLC17A9) in subpopulations of rat dorsal root ganglion neurons. Neuroscience Letters, 2014, 579, 75-79.	1.0	18
26	Zinc is released by cultured astrocytes as a gliotransmitter under hypoosmotic stress-loaded conditions and regulates microglial activity. Life Sciences, 2014, 94, 137-144.	2.0	18
27	Astrocytes, but Not Neurons, Exhibit Constitutive Activation of P2X7 Receptors in Mouse Acute Cortical Slices under Non-stimulated Resting Conditions. Biological and Pharmaceutical Bulletin, 2014, 37, 1958-1962.	0.6	13
28	NAD+ influx through connexin hemichannels prevents poly(ADP-ribose) polymerase-mediated astrocyte death. Life Sciences, 2013, 92, 808-814.	2.0	8
29	Expression of equilibrative nucleoside transporter 1 in rat circumvallate papillae. Neuroscience Letters, 2013, 533, 104-108.	1.0	9
30	P2X7 receptors regulate engulfing activity of non-stimulated resting astrocytes. Biochemical and Biophysical Research Communications, 2013, 439, 90-95.	1.0	29
31	Mitochondrial dysfunction is involved in P2X7 receptorâ€mediated neuronal cell death. Journal of Neurochemistry, 2012, 122, 1118-1128.	2.1	54
32	Peroxynitrite treatment reduces adenosine uptake via the equilibrative nucleoside transporter in rat astrocytes. Neuroscience Letters, 2011, 498, 52-56.	1.0	10
33	Microglial zinc uptake via zinc transporters induces ATP release and the activation of microglia. Glia, 2011, 59, 1933-1945.	2.5	55
34	Contribution of P2X7 receptors to adenosine uptake by cultured mouse astrocytes. Glia, 2010, 58, 1757-1765.	2.5	26
35	Transport characteristics of mouse concentrative nucleoside transporter 1. International Journal of Pharmaceutics, 2010, 388, 168-174.	2.6	5
36	Protective effect of nicotinamide against poly(ADP-ribose) polymerase-1-mediated astrocyte death depends on its transporter-mediated uptake. Life Sciences, 2010, 86, 676-682.	2.0	19

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37	Astrocyte cultures exhibit P2X7 receptor channel opening in the absence of exogenous ligands. Glia, 2009, 57, 622-633.	2.5	52
38	Possible involvement of PPARÎ³ in the regulation of basal channel opening of P2X7 receptor in cultured mouse astrocytes. Life Sciences, 2009, 84, 825-831.	2.0	10
39	Zinc Triggers Microglial Activation. Journal of Neuroscience, 2008, 28, 5827-5835.	1.7	157
40	Altered Levels of Oxidation and Phospholipase C Isozyme Expression in the Brains of Theanine-Administered Rats. Biological and Pharmaceutical Bulletin, 2008, 31, 857-860.	0.6	20
41	Decreased Expression of Phospholipase C-.BETA.1 Protein in Endoplasmic Reticulum Stress-Loaded Neurons. Biological and Pharmaceutical Bulletin, 2008, 31, 719-721.	0.6	7
42	Mouse Equilibrative Nucleoside Transporter 2 (mENT2) Transports Nucleosides and Purine Nucleobases Differing from Human and Rat ENT2. Biological and Pharmaceutical Bulletin, 2007, 30, 979-981.	0.6	9
43	Possible involvement of 12-lipoxygenase activation in glucose-deprivation/reload-treated neurons. Neuroscience Letters, 2007, 429, 120-125.	1.0	12
44	Characterization of guanine and guanosine transport in primary cultured rat cortical astrocytes and neurons. Glia, 2007, 55, 1397-1404.	2.5	20
45	Anticancer nucleobase analogues 6-mercaptopurine and 6-thioguanine are novel substrates for equilibrative nucleoside transporter 2. International Journal of Pharmaceutics, 2007, 333, 56-61.	2.6	34
46	Cytidine is a novel substrate for wild-type concentrative nucleoside transporter 2. Biochemical and Biophysical Research Communications, 2006, 347, 439-443.	1.0	10
47	Transport and toxic mechanism for aluminum citrate in human neuroblastoma SH-SY5Y cells. Life Sciences, 2006, 79, 89-97.	2.0	15
48	Novel Na+-independent and adenine-specific transport system for adenine in primary cultured rat cortical neurons. Neuroscience Letters, 2006, 407, 244-248.	1.0	8
49	Contribution of an unidentified sodium-dependent nucleoside transport system to the uptake and cytotoxicity of anthracycline in mouse M5076 ovarian sarcoma cells. Biochemical Pharmacology, 2006, 71, 565-573.	2.0	9
50	Uptake of the anthracycline pirarubicin into mouse M5076 ovarian sarcoma cells via a sodium-dependent nucleoside transport system. Cancer Chemotherapy and Pharmacology, 2005, 55, 222-230.	1.1	8
51	Transport mechanisms for adenosine and uridine in primary-cultured rat cortical neurons and astrocytes. Biochemical and Biophysical Research Communications, 2005, 334, 1343-1350.	1.0	44
52	Protein kinase C-independent pathway for NADPH oxidase activation in guinea pig peritoneal polymorphonuclear leukocytes by cytochalasin D. Archives of Biochemistry and Biophysics, 2005, 438, 119-124.	1.4	7
53	Transport mechanism for aluminum citrate at the bloodâ€“brain barrier: kinetic evidence implies involvement of system Xcâ» in immortalized rat brain endothelial cells. Toxicology Letters, 2005, 155, 289-296.	0.4	44
54	Possible involvement of group I mGluRs in neuroprotective effect of theanine. Biochemical and Biophysical Research Communications, 2004, 320, 116-122.	1.0	42

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55	Differential expression profiles of PLC-Î²1 and -Î´1 in primary cultured rat cortical neurons treated with N-methyl-d-aspartate and peroxynitrite. Neuroscience Letters, 2004, 367, 246-249.	1.0	4
56	Pirarubicin is taken up by a uridine-transportable sodium-dependent concentrative nucleoside transporter in Ehrlich ascites carcinoma cells. Cancer Chemotherapy and Pharmacology, 2003, 51, 512-518.	1.1	12
57	Transport mechanism for lovastatin acid in bovine kidney NBL-1 cells: kinetic evidences imply involvement of monocarboxylate transporter 4. International Journal of Pharmaceutics, 2003, 262, 63-73.	2.6	25
58	Bioavailability of a morphine suppository is increased after intracolostomal administration in colostoma-constructed rabbits. International Journal of Pharmaceutics, 2003, 265, 65-73.	2.6	1
59	Effects of hyperoxia and acrylonitrile on the phospholipase C isozyme protein levels in rat heart and brain. Life Sciences, 2003, 73, 1453-1462.	2.0	12
60	Monocarboxylate Transporter Mediates Uptake of Lovastatin Acid in Rat Cultured Mesangial Cells. Journal of Pharmaceutical Sciences, 2002, 91, 2605-2613.	1.6	27
61	Relationships between the in vitro cytotoxicity and transport characteristics of pirarubicin and doxorubicin in M5076 ovarian sarcoma cells, and comparison with those in Ehrlich ascites carcinoma cells. Cancer Chemotherapy and Pharmacology, 2002, 49, 244-250.	1.1	12
62	Decreased bioavailability of carbamazepine suppository after its intrarectal and intracolostomal administration to rectal-resected or colostoma-constructed rabbits. International Journal of Pharmaceutics, 2002, 241, 375-384.	2.6	2
63	Alterations of Phospholipase C Isozymes in Rat Cerebral Cortex through Hyperoxia.. Biological and Pharmaceutical Bulletin, 2001, 24, 1241-1245.	0.6	3
64	Studies on interactions between traditional herbal and western medicines. IV: Lack of pharmacokinetic interactions between Saiko-ka-ryukotsu-borei-to and carbamazepine in rats. European Journal of Drug Metabolism and Pharmacokinetics, 2001, 26, 129-135.	0.6	9
65	Pharmacokinetics of dicrofenac after its intrarectal and intracolostomal administration to rabbits with rectal resection or colostoma construction. Biopharmaceutics and Drug Disposition, 2001, 22, 31-39.	1.1	3
66	Contribution of Specific Transport Systems to Anthracycline Transport in Tumor and Normal Cells. Current Drug Metabolism, 2001, 2, 355-366.	0.7	31
67	Inhibitory Effect of Statins on Fetal Bovine Serumâ€Induced Proliferation of Rat Cultured Mesangial Cells and Correlation Between Their Inhibitory Effect and Transport Characteristics. Journal of Pharmaceutical Sciences, 2000, 89, 1594-1604.	1.6	14
68	Membrane Transport and Antitumor Activity of Pirarubicin, and Comparison with Those of Doxorubicin. Japanese Journal of Cancer Research, 1999, 90, 775-780.	1.7	36
69	Contribution of the Nucleoside Transport System to Doxorubicin Transport in HL60 Cells but Not in Mononuclear Cells. Japanese Journal of Cancer Research, 1999, 90, 781-787.	1.7	7
70	Studies on Interactions between Traditional Herbal and Western Medicines. I. Effects of Sho-seiryu-to on the Pharmacokinetics of Carbamazepine in Rats.. Biological and Pharmaceutical Bulletin, 1999, 22, 527-531.	0.6	26
71	Possibility of Contribution of Nucleoside Transport Systems to Pirarubicin Uptake by HL60 Cells but Not Mononuclear Cells. Japanese Journal of Cancer Research, 1998, 89, 673-680.	1.7	12
72	Ticlopidine inhibits activation of mitogen-activated protein kinase by platelet-derived growth factor in cultured rat renal mesangial cells. Clinical and Experimental Nephrology, 1998, 2, 117-123.	0.7	3

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73	Inhibitory Effects of Ticlopidine and Dilazep on Serum-Induced DNA Synthesis in Cultured Rat Renal Mesangial Cells.. Japanese Journal of Hospital Pharmacy, 1998, 24, 17-22.	0.0	1
74	Transport Mechanisms of Idarubicin, an Anthracycline Derivative, in Human Leukemia HL60 Cells and Mononuclear Cells, and Comparison with Those of Its Analogs. Japanese Journal of Cancer Research, 1997, 88, 750-759.	1.7	13
75	Transport Mechanism of Anthracycline Derivatives in Human Leukemia Cell Lines: Uptake and Efflux of Daunorubicin and Doxorubicin in HL60 and Its Resistant Cells and Comparison with Those of Pirarubicin.. Biological and Pharmaceutical Bulletin, 1996, 19, 100-105.	0.6	12
76	Transport Mechanism of Pirarubicin in Human Mononuclear Cells.. Biological and Pharmaceutical Bulletin, 1996, 19, 1203-1209.	0.6	6
77	Transport mechanism of anthracycline derivatives in human leukemia cell lines: uptake and efflux of pirarubicin in HL60 and pirarubicin-resistant HL60 cells. Cancer Chemotherapy and Pharmacology, 1996, 37, 297-304.	1.1	32
78	Pharmacokinetics of pirarubicin in pediatric patients.. Journal of Pharmacobio-dynamics, 1991, 14, 222-230.	0.5	16