Motoaki Saito

List of Publications by Year
in descending order

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63	688	566801	610482
papers	citations	15 h-index	24 g-index

69	69	69	986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IGF2BP3-mediated translation in cell protrusions promotes cell invasiveness and metastasis of pancreatic cancer. Oncotarget, 2014, 5, 6832-6845.	0.8	70
2	Testicular torsionâ€“detorsion and potential therapeutic treatments: A possible role for ischemic postconditioning. International Journal of Urology, 2016, 23, 454-463.	0.5	67
3	Influence of extracellular zinc on M1 microglial activation. Scientific Reports, 2017, 7, 43778.	1.6	43
4	Effect of silodosin on detrusor overactivity in the male spontaneously hypertensive rat. BJU International, 2012, 110, E118-24.	1.3	36
5	Impact of antioxidants on seminal vesicles function and fertilizing potential in diabetic rats. Asian Journal of Andrology, 2017, 19, 639.	0.8	33
6	Nicorandil ameliorates hypertensionâ€related bladder dysfunction in the rat. Neurourology and Urodynamics, 2012, 31, 695-701.	0.8	32
7	CCDC88A, a prognostic factor for human pancreatic cancers, promotes the motility and invasiveness of pancreatic cancer cells. Journal of Experimental and Clinical Cancer Research, 2016, 35, 190.	3.5	28
8	RUVBL1 directly binds actin filaments and induces formation of cell protrusions to promote pancreatic cancer cell invasion. International Journal of Oncology, 2014, 44, 1945-1954.	1.4	22
9	Protective Role of Glutathione in the Hippocampus after Brain Ischemia. International Journal of Molecular Sciences, 2021, 22, 7765.	1.8	22
10	The transcription factor HOXB7 regulates ERK kinase activity and thereby stimulates the motility and invasiveness of pancreatic cancer cells. Journal of Biological Chemistry, 2017, 292, 17681-17702.	1.6	20
11	A Stress-Related Peptide Bombesin Centrally Induces Frequent Urination through Brain Bombesin Receptor Types 1 and 2 in the Rat. Journal of Pharmacology and Experimental Therapeutics, 2016, 356, 693-701.	1.3	19
12	Vav3 is linked to poor prognosis of pancreatic cancers and promotes the motility and invasiveness of pancreatic cancer cells. Pancreatology, 2016, 16, 905-916.	0.5	19
13	Angiotensin II acting on brain AT1 receptors induces adrenaline secretion and pressor responses in the rat. Scientific Reports, 2015, 4, 7248.	1.6	18
14	Effect of cyclohexenonic long-chain fatty alcohol on rat overactive bladder induced by bladder neck obstruction. European Journal of Pharmacology, 2004, 501, 143-149.	1.7	17
15	Possible role of hydrogen sulfide as an endogenous relaxation factor in the rat bladder and prostate. Neurourology and Urodynamics, 2018, 37, 2519-2526.	0.8	16
16	Olmesartan ameliorates urinary dysfunction in the spontaneously hypertensive rat via recovering bladder blood flow and decreasing oxidative stress. Neurourology and Urodynamics, 2014, 33, 350-357.	0.8	15
17	Effect of Silodosin, an Alpha1A-Adrenoceptor Antagonist, on Ventral Prostatic Hyperplasia in the Spontaneously Hypertensive Rat. PLoS ONE, 2015, 10, e0133798.	1.1	15
18	Nerve growth factorâ€dependent hyperexcitability of capsaicinâ€sensitive bladder afferent neurones in mice with spinal cord injury. Experimental Physiology, 2018, 103, 896-904.	0.9	14

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19	Attenuation of zinc-enhanced inflammatory M1 phenotype of microglia by peridinin protects against short-term spatial-memory impairment following cerebral ischemia in mice. Biochemical and Biophysical Research Communications, 2018, 507, 476-483.	1.0	14
20	The inhibitory role of intracellular free zinc in the regulation of Arg-1 expression in interleukin-4-induced activation of M2 microglia. Metallomics, 2018, 10, 1501-1509.	1.0	14
21	Brain serotoninergic nervous system is involved in bombesinâ€induced frequent urination through brain 5â€HT₇ receptors in rats. British Journal of Pharmacology, 2017, 174, 3072-3080.	2.7	11
22	Angiotensin II, a stressâ€related neuropeptide in the CNS, facilitates micturition reflex in rats. British Journal of Pharmacology, 2018, 175, 3727-3737.	2.7	11
23	Effects of silodosin and tadalafil on bladder dysfunction in spontaneously hypertensive rats: Possible role of bladder blood flow. International Journal of Urology, 2020, 27, 258-265.	0.5	10
24	Angiotensin II centrally induces frequent detrusor contractility of the bladder by acting on brain angiotensin II type 1 receptors in rats. Scientific Reports, 2016, 6, 22213.	1.6	9
25	Brain hydrogen sulfide suppresses the micturition reflex via brain GABA receptors in rats. Nitric Oxide - Biology and Chemistry, 2020, 104-105, 44-50.	1.2	9
26	Psychological/mental stressâ€induced effects on urinary function: Possible brain molecules related to psychological/mental stressâ€induced effects on urinary function. International Journal of Urology, 2021, 28, 1093-1104.	0.5	9
27	Protective effects of the selective alpha1A-adrenoceptor antagonist silodosin against cyclophosphamide-induced cystitis in rats. Journal of Pharmacological Sciences, 2016, 132, 71-77.	1.1	8
28	Hydrogen sulfide-induced relaxation of the bladder is attenuated in spontaneously hypertensive rats. International Urology and Nephrology, 2019, 51, 1507-1515.	0.6	8
29	Catalytides derived from the Box A region in the ANA/BTG3 protein cleave amyloid-Î² fragment peptide. Heliyon, 2019, 5, e02454.	1.4	8
30	Protective effects of tadalafil on prostatic hyperplasia in spontaneously hypertensive rats. European Journal of Pharmacology, 2020, 882, 173313.	1.7	7
31	Stimulation of brain Î±7-nicotinic acetylcholine receptors suppresses the rat micturition through brain GABAergic receptors. Biochemical and Biophysical Research Communications, 2021, 548, 84-90.	1.0	6
32	Protective effect of hydroxyfasudil, a Rho kinase inhibitor, on ventral prostatic hyperplasia in the spontaneously hypertensive rat. Prostate, 2015, 75, 1774-1782.	1.2	5
33	Aging-related severe hypertension induces detrusor underactivity in rats. Life Sciences, 2021, 283, 119855.	2.0	5
34	Effect of naftopidil on brain noradrenaline-induced decrease in arginine-vasopressin secretion in rats. Journal of Pharmacological Sciences, 2016, 132, 86-91.	1.1	4
35	Central angiotensin II type 1 receptor as a therapeutic target against frequent urination. Neurourology and Urodynamics, 2019, 38, 2112-2120.	0.8	4
36	Zinc-aggravated M1 microglia regulate astrocytic engulfment via P2Ã—7 receptors. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126518.	1.5	4

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37	The role of diurnal fluctuations in excitatory amino acid carrier 1 levels in post-ischemic hippocampal Zn2+ accumulation. Experimental Neurology, 2021, 336, 113538.	2.0	4
38	Therapeutic effects of losartan on prostatic hyperplasia in spontaneously hypertensive rats. Life Sciences, 2021, 266, 118924.	2.0	4
39	Right ventricular overloading is attenuated in monocrotaline-induced pulmonary hypertension model rats with a disrupted Gpr143 gene, the gene that encodes the 3,4-L-dihydroxyphenyalanine (L-DOPA) receptor. Journal of Pharmacological Sciences, 2021, 148, 214-220.	1.1	4
40	Possible inhibitory role of endogenous 2-arachidonoylglycerol as anÂendocannabinoid in (Â±)-epibatidine-induced activation of central adrenomedullary outflow in the rat. Neuropharmacology, 2015, 95, 278-289.	2.0	3
41	Brain opioid and nociceptin receptors are involved in regulation of bombesin-induced activation of central sympatho-adrenomedullary outflow in the rat. Molecular and Cellular Biochemistry, 2016, 411, 201-211.	1.4	2
42	Stimulation of brain nicotinic acetylcholine receptors activates adrenomedullary outflow via brain inducible NO synthaseâ€mediated Sâ€nitrosylation. British Journal of Pharmacology, 2018, 175, 3758-3772.	2.7	2
43	Brain nitric oxide induces facilitation of the micturition reflex through brain glutamatergic receptors in rats. Neurourology and Urodynamics, 2020, 39, 1687-1699.	0.8	2
44	Ageâ€related differences in responses to hydrogen sulfide in the bladder of spontaneously hypertensive rats. International Journal of Urology, 2021, 28, 459-465.	0.5	2
45	Effects of losartan on bladder dysfunction due to aging-related severe hypertension in rats. European Journal of Pharmacology, 2022, 922, 174911.	1.7	2
46	Vesicovascular reflexes in the spontaneously hypertensive rat. Life Sciences, 2016, 144, 202-207.	2.0	1
47	Stimulation of brain cannabinoid CB 1 receptors can ameliorate hypertension in spontaneously hypertensive rats. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 1254-1262.	0.9	1
48	<scp>5â€Aminolevulinic</scp> acid has the potential to prevent bladder dysfunction in cyclophosphamideâ€induced hemorrhagic cystitis. International Journal of Urology, 2022, , .	0.5	1
49	Editorial Comment from Dr Saito and Dr Shimizu to Propiverine increases urethral wall catecholamine levels and bladder leak point pressure in rats. International Journal of Urology, 2016, 23, 99-99.	0.5	0
50	Editorial Comment to Molecular classification of benign prostatic hyperplasia: A gene expression profiling study in a rat model. International Journal of Urology, 2016, 23, 612-613.	0.5	0
51	Editorial Comment to Spinal glycinergic and gammaâ€aminobutyric acidâ€ergic neurons inhibit the micturition reflex after electrical stimulation of the perineum in rats with pelvic venous congestion. International Journal of Urology, 2019, 26, 1156-1156.	0.5	0
52	Editorial Comment to Tadalafil improves bladder dysfunction and object recognition in rats with pelvic venous congestion. International Journal of Urology, 2019, 26, 585-586.	0.5	0
53	Re: â€œTACâ€302 promotes neurite outgrowth of isolated peripheral neurons and prevents bladder denervation related bladder dysfunctions following bladder outlet obstruction in ratsâ€•and â€œTherapeutic effect of TACâ€302, a cyclohexenoic fatty alcohol derivative, on bladder denervationâ€related storage and voiding dysfunctions in ratsâ€•. Neurourology and Urodynamics, 2019, 38, 871-871.	0.8	0
54	Losartan, angiotensin II type 1 receptor blocker improves prostatic hyperplasia in spontaneously hypertensive rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 2-P2-12.	0.0	0

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55	Editorial Comment to Muscarinic receptor binding activity in rat tissues by vibegron and prediction of its receptor occupancy levels in the human bladder. International Journal of Urology, 2021, 28, 1303-1303.	0.5	0
56	Tadalafil 5 mg Once Daily Improved Each IPSS Subscore, QOL, and Nocturia in Elderly BPH Patients over 70 Years Old in a Real-World Clinical Setting. Urologia Internationalis, 2021, , 1-7.	0.6	0
57	Marine-derived compound-A suppresses zinc-enhanced pro-inflammatory M1 phenotype of microglia via inhibition of ROS generation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-92.	0.0	0
58	Stimulation of brain nicotinic acetylcholine receptors induces activation of central adrenomedullary outflow through protein S-nitrosylation in the rat brain. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-64.	0.0	0
59	Roles of brain nitric oxide in micturition of rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-4-16.	0.0	0
60	Involvement of IL-4-induced intracellular zinc release in microglial M2 phenotype. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-100.	0.0	0
61	Endogenous hydrogen sulfide can function as a relaxation factor in the bladder and prostate of male rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-4-10.	0.0	0
62	Drug therapy targeting angiotensin II type 1 receptors in the brain against frequent urination. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 1-S06-1.	0.0	0
63	Stimulation of brain corticotropin-releasing factor receptor type1 facilitates the rat micturition via brain glutamatergic receptors. Biochemical and Biophysical Research Communications, 2022, 607, 54-59.	1.0	0