# Motoaki Saito

## List of Publications by Citations



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| 59 papers | 451 citations | 13 h-index | 19 g-index |
| 69 ext. papers | 600 ext. citations | 4 avg, IF | 3.5 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 59 | Testicular torsion-detorsion and potential therapeutic treatments: A possible role for ischemic postconditioning. *International Journal of Urology*, **2016**, 23, 454-63 | 2.3 | 46 |
| 58 | IGF2BP3-mediated translation in cell protrusions promotes cell invasiveness and metastasis of pancreatic cancer. *Oncotarget*, **2014**, 5, 6832-45 | 3.3 | 44 |
| 57 | Effect of silodosin on detrusor overactivity in the male spontaneously hypertensive rat. *BJU International*, **2012**, 110, E118-24 | 5.6 | 29 |
| 56 | Influence of extracellular zinc on M1 microglial activation. *Scientific Reports*, **2017**, 7, 43778 | 4.9 | 28 |
| 55 | Impact of antioxidants on seminal vesicles function and fertilizing potential in diabetic rats. *Asian Journal of Andrology*, **2017**, 19, 639-646 | 2.8 | 22 |
| 54 | Nicorandil ameliorates hypertension-related bladder dysfunction in the rat. *Neurourology and Urodynamics*, **2012**, 31, 695-701 | 2.3 | 21 |
| 53 | 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 | 12.8 | 20 |
| 52 | RUVBL1 directly binds actin filaments and induces formation of cell protrusions to promote pancreatic cancer cell invasion. *International Journal of Oncology*, **2014**, 44, 1945-54 | 4.4 | 19 |
| 51 | Effect of cyclohexenonic long-chain fatty alcohol on rat overactive bladder induced by bladder neck obstruction. *European Journal of Pharmacology*, **2004**, 501, 143-9 | 5.3 | 17 |
| 50 | Vav3 is linked to poor prognosis of pancreatic cancers and promotes the motility and invasiveness of pancreatic cancer cells. *Pancreatology*, **2016**, 16, 905-16 | 3.8 | 17 |
| 49 | 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 | 5.4 | 15 |
| 48 | Angiotensin II acting on brain AT1 receptors induces adrenaline secretion and pressor responses in the rat. *Scientific Reports*, **2014**, 4, 7248 | 4.9 | 15 |
| 47 | 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 | 4.7 | 14 |
| 46 | Effect of Silodosin, an Alpha1A-Adrenoceptor Antagonist, on Ventral Prostatic Hyperplasia in the Spontaneously Hypertensive Rat. *PLoS ONE*, **2015**, 10, e0133798 | 3.7 | 12 |
| 45 | 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 | 4.5 | 12 |
| 44 | Olmesartan ameliorates urinary dysfunction in the spontaneously hypertensive rat via recovering bladder blood flow and decreasing oxidative stress. *Neurourology and Urodynamics*, **2014**, 33, 350-7 | 2.3 | 11 |
| 43 | Possible role of hydrogen sulfide as an endogenous relaxation factor in the rat bladder and prostate. *Neurourology and Urodynamics*, **2018**, 37, 2519-2526 | 2.3 | 9 |

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| 42 | Brain serotoninergic nervous system is involved in bombesin-induced frequent urination through brain 5-HT receptors in rats. *British Journal of Pharmacology*, **2017**, 174, 3072-3080 | 8.6 | 9 |
| 41 | Nerve growth factor-dependent hyperexcitability of capsaicin-sensitive bladder afferent neurones in mice with spinal cord injury. *Experimental Physiology*, **2018**, 103, 896-904 | 2.4 | 8 |
| 40 | Angiotensin II, a stress-related neuropeptide in the CNS, facilitates micturition reflex in rats. *British Journal of Pharmacology*, **2018**, 175, 3727-3737 | 8.6 | 8 |
| 39 | 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 | 4.9 | 6 |
| 38 | Protective Role of Glutathione in the Hippocampus after Brain Ischemia. *International Journal of Molecular Sciences*, **2021**, 22, | 6.3 | 6 |
| 37 | 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 | 2.3 | 4 |
| 36 | Protective effect of hydroxyfasudil, a Rho kinase inhibitor, on ventral prostatic hyperplasia in the spontaneously hypertensive rat. *Prostate*, **2015**, 75, 1774-82 | 4.2 | 4 |
| 35 | Effect of naftopidil on brain noradrenaline-induced decrease in arginine-vasopressin secretion in rats. *Journal of Pharmacological Sciences*, **2016**, 132, 86-91 | 3.7 | 4 |
| 34 | Protective effects of the selective alpha1A-adrenoceptor antagonist silodosin against cyclophosphamide-induced cystitis in rats. *Journal of Pharmacological Sciences*, **2016**, 132, 71-77 | 3.7 | 4 |
| 33 | 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 | 3.4 | 4 |
| 32 | Possible inhibitory role of endogenous 2-arachidonoylglycerol as an endocannabinoid in (□)-epibatidine-induced activation of central adrenomedullary outflow in the rat. *Neuropharmacology*, **2015**, 95, 278-89 | 5.5 | 3 |
| 31 | Protective effects of tadalafil on prostatic hyperplasia in spontaneously hypertensive rats. *European Journal of Pharmacology*, **2020**, 882, 173313 | 5.3 | 3 |
| 30 | Hydrogen sulfide-induced relaxation of the bladder is attenuated in spontaneously hypertensive rats. *International Urology and Nephrology*, **2019**, 51, 1507-1515 | 2.3 | 3 |
| 29 | Stimulation of brain □7-nicotinic acetylcholine receptors suppresses the rat micturition through brain GABAergic receptors. *Biochemical and Biophysical Research Communications*, **2021**, 548, 84-90 | 3.4 | 3 |
| 28 | The role of diurnal fluctuations in excitatory amino acid carrier 1 levels in post-ischemic hippocampal Zn accumulation. *Experimental Neurology*, **2021**, 336, 113538 | 5.7 | 3 |
| 27 | Aging-related severe hypertension induces detrusor underactivity in rats. *Life Sciences*, **2021**, 283, 119856 | 6.8 | 3 |
| 26 | 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, 201-11 | 4.2 | 2 |
| 25 | Catalytides derived from the Box A region in the ANA/BTG3 protein cleave amyloid-□ fragment peptide. *Heliyon*, **2019**, 5, e02454 | 3.6 | 2 |

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| 24 | Zinc-aggravated M1 microglia regulate astrocytic engulfment via P2Y7 receptors. *Journal of Trace Elements in Medicine and Biology*, **2020**, 61, 126518 | 4.1 | 2 |
| 23 | Brain nitric oxide induces facilitation of the micturition reflex through brain glutamatergic receptors in rats. *Neurourology and Urodynamics*, **2020**, 39, 1687-1699 | 2.3 | 2 |
| 22 | Stimulation of brain nicotinic acetylcholine receptors activates adrenomedullary outflow via brain inducible NO synthase-mediated S-nitrosylation. *British Journal of Pharmacology*, **2018**, 175, 3758-3772 | 8.6 | 2 |
| 21 | Central angiotensin II type 1 receptor as a therapeutic target against frequent urination. *Neurourology and Urodynamics*, **2019**, 38, 2112-2120 | 2.3 | 2 |
| 20 | 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*, **2022**, 148, 214-220 | 3.7 | 2 |
| 19 | Brain hydrogen sulfide suppresses the micturition reflex via brain GABA receptors in rats. *Nitric Oxide - Biology and Chemistry*, **2020**, 104-105, 44-50 | 5 | 2 |
| 18 | Therapeutic effects of losartan on prostatic hyperplasia in spontaneously hypertensive rats. *Life Sciences*, **2021**, 266, 118924 | 6.8 | 2 |
| 17 | Psychological/mental stress-induced effects on urinary function: Possible brain molecules related to psychological/mental stress-induced effects on urinary function. *International Journal of Urology*, **2021**, 28, 1093-1104 | 2.3 | 2 |
| 16 | Vesicovascular reflexes in the spontaneously hypertensive rat. *Life Sciences*, **2016**, 144, 202-7 | 6.8 | 1 |
| 15 | Age-related differences in responses to hydrogen sulfide in the bladder of spontaneously hypertensive rats. *International Journal of Urology*, **2021**, 28, 459-465 | 2.3 | 1 |
| 14 | Stimulation of brain cannabinoid CB receptors can ameliorate hypertension in spontaneously hypertensive rats. *Clinical and Experimental Pharmacology and Physiology*, **2020**, 47, 1254-1262 | 3 | 0 |
| 13 | Effects of losartan on bladder dysfunction due to aging-related severe hypertension in rats.. *European Journal of Pharmacology*, **2022**, 922, 174911 | 5.3 | 0 |
| 12 | 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 | 1.9 | |
| 11 | 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 | |
| 10 | 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 | |
| 9 | Roles of brain nitric oxide in micturition of rats. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO2-4-16 | 0 | |
| 8 | 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 | |
| 7 | 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 | |

# List of Publications

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| 6 | 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 | 2.3 |
| 5 | Re: "TAC-302 promotes neurite outgrowth of isolated peripheral neurons and prevents bladder denervation related bladder dysfunctions following bladder outlet obstruction in rats" and "Therapeutic effect of TAC-302, a cyclohexenoic fatty alcohol derivative, on bladder denervation-related storage and voiding dysfunctions in rats". *Neurourology and Urodynamics*, **2019** | 2.3 |
| 4 | 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 |
| 3 | 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 | 2.3 |
| 2 | 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 |
| 1 | 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 | 3.4 |