

# Youichirou Higashi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

484  
citations

10  
h-index

21  
g-index

52  
ext. papers

597  
ext. citations

4.7  
avg, IF

3.4  
L-index

#	Paper	IF	Citations
46	Zinc triggers microglial activation. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 5827-35	6.6	134
45	Poly(ADP-ribose)polymerase-1 modulates microglial responses to amyloid $\beta$ <i>Journal of Neuroinflammation</i> , <b>2011</b> , 8, 152	10.1	69
44	Testicular torsion-detorsion and potential therapeutic treatments: A possible role for ischemic postconditioning. <i>International Journal of Urology</i> , <b>2016</b> , 23, 454-63	2.3	46
43	Microglial zinc uptake via zinc transporters induces ATP release and the activation of microglia. <i>Glia</i> , <b>2011</b> , 59, 1933-45	9	44
42	Influence of extracellular zinc on M1 microglial activation. <i>Scientific Reports</i> , <b>2017</b> , 7, 43778	4.9	28
41	Angiotensin II acting on brain AT1 receptors induces adrenaline secretion and pressor responses in the rat. <i>Scientific Reports</i> , <b>2014</b> , 4, 7248	4.9	15
40	A Stress-Related Peptide Bombesin Centrally Induces Frequent Urination through Brain Bombesin Receptor Types 1 and 2 in the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 356, 693-701	4.7	14
39	Suppression of oxidative stress and 5-lipoxygenase activation by edaravone improves depressive-like behavior after concussion. <i>Journal of Neurotrauma</i> , <b>2014</b> , 31, 1689-99	5.4	13
38	Effect of Silodosin, an Alpha1A-Adrenoceptor Antagonist, on Ventral Prostatic Hyperplasia in the Spontaneously Hypertensive Rat. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133798	3.7	12
37	The inhibitory role of intracellular free zinc in the regulation of Arg-1 expression in interleukin-4-induced activation of M2 microglia. <i>Metallomics</i> , <b>2018</b> , 10, 1501-1509	4.5	12
36	Possible role of hydrogen sulfide as an endogenous relaxation factor in the rat bladder and prostate. <i>Neurourology and Urodynamics</i> , <b>2018</b> , 37, 2519-2526	2.3	9
35	Brain serotonergic nervous system is involved in bombesin-induced frequent urination through brain 5-HT receptors in rats. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 3072-3080	8.6	9
34	Angiotensin II, a stress-related neuropeptide in the CNS, facilitates micturition reflex in rats. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 3727-3737	8.6	8
33	Angiotensin II centrally induces frequent detrusor contractility of the bladder by acting on brain angiotensin II type 1 receptors in rats. <i>Scientific Reports</i> , <b>2016</b> , 6, 22213	4.9	6
32	Protective Role of Glutathione in the Hippocampus after Brain Ischemia. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
31	Effects of silodosin and tadalafil on bladder dysfunction in spontaneously hypertensive rats: Possible role of bladder blood flow. <i>International Journal of Urology</i> , <b>2020</b> , 27, 258-265	2.3	4
30	Protective effect of hydroxyfasudil, a Rho kinase inhibitor, on ventral prostatic hyperplasia in the spontaneously hypertensive rat. <i>Prostate</i> , <b>2015</b> , 75, 1774-82	4.2	4

29	Effect of naftopidil on brain noradrenaline-induced decrease in arginine-vasopressin secretion in rats. <i>Journal of Pharmacological Sciences</i> , <b>2016</b> , 132, 86-91	3.7	4
28	Protective effects of the selective alpha1A-adrenoceptor antagonist silodosin against cyclophosphamide-induced cystitis in rats. <i>Journal of Pharmacological Sciences</i> , <b>2016</b> , 132, 71-77	3.7	4
27	Attenuation of zinc-enhanced inflammatory M1 phenotype of microglia by peridinin protects against short-term spatial-memory impairment following cerebral ischemia in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 507, 476-483	3.4	4
26	Possible inhibitory role of endogenous 2-arachidonoylglycerol as an endocannabinoid in (□)-epibatidine-induced activation of central adrenomedullary outflow in the rat. <i>Neuropharmacology</i> , <b>2015</b> , 95, 278-89	5.5	3
25	Protective effects of tadalafil on prostatic hyperplasia in spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , <b>2020</b> , 882, 173313	5.3	3
24	Hydrogen sulfide-induced relaxation of the bladder is attenuated in spontaneously hypertensive rats. <i>International Urology and Nephrology</i> , <b>2019</b> , 51, 1507-1515	2.3	3
23	Stimulation of brain □7-nicotinic acetylcholine receptors suppresses the rat micturition through brain GABAergic receptors. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 548, 84-90	3.4	3
22	The role of diurnal fluctuations in excitatory amino acid carrier 1 levels in post-ischemic hippocampal Zn accumulation. <i>Experimental Neurology</i> , <b>2021</b> , 336, 113538	5.7	3
21	Aging-related severe hypertension induces detrusor underactivity in rats. <i>Life Sciences</i> , <b>2021</b> , 283, 119856.8	5.8	3
20	Brain opioid and nociceptin receptors are involved in regulation of bombesin-induced activation of central sympatho-adrenomedullary outflow in the rat. <i>Molecular and Cellular Biochemistry</i> , <b>2016</b> , 411, 201-11	4.2	2
19	Zinc-aggravated M1 microglia regulate astrocytic engulfment via P2□ receptors. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 61, 126518	4.1	2
18	Brain nitric oxide induces facilitation of the micturition reflex through brain glutamatergic receptors in rats. <i>Neurourology and Urodynamics</i> , <b>2020</b> , 39, 1687-1699	2.3	2
17	Stimulation of brain nicotinic acetylcholine receptors activates adrenomedullary outflow via brain inducible NO synthase-mediated S-nitrosylation. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 3758-3772	8.6	2
16	Central angiotensin II type 1 receptor as a therapeutic target against frequent urination. <i>Neurourology and Urodynamics</i> , <b>2019</b> , 38, 2112-2120	2.3	2
15	Brain hydrogen sulfide suppresses the micturition reflex via brain GABA receptors in rats. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2020</b> , 104-105, 44-50	5	2
14	Therapeutic effects of losartan on prostatic hyperplasia in spontaneously hypertensive rats. <i>Life Sciences</i> , <b>2021</b> , 266, 118924	6.8	2
13	Psychological/mental stress-induced effects on urinary function: Possible brain molecules related to psychological/mental stress-induced effects on urinary function. <i>International Journal of Urology</i> , <b>2021</b> , 28, 1093-1104	2.3	2
12	Vesicovascular reflexes in the spontaneously hypertensive rat. <i>Life Sciences</i> , <b>2016</b> , 144, 202-7	6.8	1

11	Age-related differences in responses to hydrogen sulfide in the bladder of spontaneously hypertensive rats. <i>International Journal of Urology</i> , <b>2021</b> , 28, 459-465	2-3	1
10	Stimulation of brain cannabinoid CB receptors can ameliorate hypertension in spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2020</b> , 47, 1254-1262	3	0
9	Effects of losartan on bladder dysfunction due to aging-related severe hypertension in rats.. <i>European Journal of Pharmacology</i> , <b>2022</b> , 922, 174911	5-3	0
8	Marine-derived compound-A suppresses zinc-enhanced pro-inflammatory M1 phenotype of microglia via inhibition of ROS generation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO4-1-92	0	
7	Stimulation of brain nicotinic acetylcholine receptors induces activation of central adrenomedullary outflow through protein S-nitrosylation in the rat brain. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO4-1-64	0	
6	Roles of brain nitric oxide in micturition of rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO2-4-16	0	
5	Involvement of IL-4-induced intracellular zinc release in microglial M2 phenotype. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO1-1-100	0	
4	Endogenous hydrogen sulfide can function as a relaxation factor in the bladder and prostate of male rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO2-4-10	0	
3	Losartan, angiotensin II type 1 receptor blocker improves prostatic hyperplasia in spontaneously hypertensive rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2021</b> , 94, 2-P2-12	0	
2	Drug therapy targeting angiotensin II type 1 receptors in the brain against frequent urination. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2022</b> , 95, 1-S06-1	0	
1	Stimulation of brain corticotropin-releasing factor receptor type1 facilitates the rat micturition via brain glutamatergic receptors.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 607, 54-59	3-4	