

Hideyuki Yamamoto

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.

55
papers

1,333
citations

16
h-index

36
g-index

57
ext. papers

1,415
ext. citations

4.7
avg, IF

3.67
L-index

#	Paper	IF	Citations
55	Phosphorylation and regulation of glutamate receptors by calcium/calmodulin-dependent protein kinase II. <i>Nature</i> , 1993 , 362, 640-2	50.4	438
54	Purification and characterization of a Ca ²⁺ - and calmodulin-dependent protein kinase from rat brain. <i>Journal of Neurochemistry</i> , 1982 , 39, 1607-17	6	197
53	Staurosporine: an effective inhibitor for Ca ²⁺ /calmodulin-dependent protein kinase II. <i>Journal of Neurochemistry</i> , 1991 , 56, 294-8	6	136
52	Differential activation of the luteinizing hormone beta-subunit promoter by activin and gonadotropin-releasing hormone: a role for the mitogen-activated protein kinase signaling pathway in LbetaT2 gonadotrophs. <i>Biology of Reproduction</i> , 2004 , 70, 236-43	3.9	44
51	Phosphorylation of tau at serine 416 by Ca ²⁺ /calmodulin-dependent protein kinase II in neuronal soma in brain. <i>Journal of Neurochemistry</i> , 2005 , 94, 1438-47	6	42
50	Overexpression of Ca ²⁺ /calmodulin-dependent protein kinase II inhibits neurite outgrowth of PC12 cells. <i>Journal of Neurochemistry</i> , 1996 , 66, 57-64	6	39
49	Involvement of mitogen-activated protein kinase in cyclic adenosine 3',5'-monophosphate-induced hormone gene expression in rat pituitary GH(3) cells. <i>Endocrinology</i> , 2001 , 142, 2811-9	4.8	33
48	Regulation of insulin secretion by overexpression of Ca ²⁺ /calmodulin-dependent protein kinase II in insulinoma MIN6 cells. <i>Endocrinology</i> , 2000 , 141, 2350-60	4.8	30
47	Nuclear localization of the delta subunit of Ca ²⁺ /calmodulin-dependent protein kinase II in rat cerebellar granule cells. <i>Journal of Neurochemistry</i> , 1999 , 72, 815-25	6	30
46	Increase of brain-derived neurotrophic factor gene expression in NG108-15 cells by the nuclear isoforms of Ca ²⁺ /calmodulin-dependent protein kinase II. <i>Journal of Neurochemistry</i> , 2000 , 74, 1913-22	6	29
45	Phosphorylation of microtubule-associated protein tau by Ca ²⁺ /calmodulin-dependent protein kinase II in its tubulin binding sites. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 408, 255-62	4.1	26
44	Involvement of CaM kinase II in gonadotropin-releasing hormone-induced activation of MAP kinase in cultured hypothalamic neurons. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 466, 234-41	4.1	21
43	Selective cleavage of ErbB4 by G-protein-coupled gonadotropin-releasing hormone receptor in cultured hypothalamic neurons. <i>Journal of Cellular Physiology</i> , 2012 , 227, 2492-501	7	18
42	Spinal mechanism of micturition reflex inhibition by naftopidil in rats. <i>Life Sciences</i> , 2014 , 116, 106-11	6.8	16
41	Inhibition by ethyl pyruvate of the nuclear translocation of nuclear factor-kappaB in cultured lung epithelial cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2010 , 23, 308-15	3.5	16
40	Induction of epithelial-mesenchymal transition by flagellin in cultured lung epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 303, L1057-69	5.8	16
39	Phosphorylation of ribosomal protein S19 at Ser59 by CaM kinase I alpha. <i>Journal of Neurochemistry</i> , 2009 , 109, 393-402	6	15

38	High-dose tranilast administration to rats creates interstitial cystitis-like symptoms with increased vascular permeability. <i>Life Sciences</i> , 2013 , 93, 897-903	6.8	14
37	The antibody specific for myristoylated alanine-rich C kinase substrate phosphorylated by protein kinase C: activation of protein kinase C in smooth muscle cells in human coronary arteries. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 359, 151-9	4.1	13
36	Desensitization by different strategies of epidermal growth factor receptor and ErbB4. <i>Journal of Pharmacological Sciences</i> , 2014 , 124, 287-93	3.7	12
35	Involvement of Protein Kinase D1 in Signal Transduction from the Protein Kinase C Pathway to the Tyrosine Kinase Pathway in Response to Gonadotropin-releasing Hormone. <i>Journal of Biological Chemistry</i> , 2015 , 290, 25974-85	5.4	10
34	Stimulation of Cell Migration by Flagellin Through the p38 MAP Kinase Pathway in Cultured Intestinal Epithelial Cells. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 247-58	4.7	10
33	Pelvic venous congestion with castration causes chronic prostatitis in rats. <i>International Journal of Urology</i> , 2016 , 23, 431-5	2.3	9
32	Differential regulation of epidermal growth factor receptor by hydrogen peroxide and flagellin in cultured lung alveolar epithelial cells. <i>European Journal of Pharmacology</i> , 2015 , 748, 133-42	5.3	9
31	Propiverine increases urethral wall catecholamine levels and bladder leak point pressure in rats. <i>International Journal of Urology</i> , 2016 , 23, 93-9	2.3	9
30	CaMKII α s localized in dendritic spines as both drebrin-dependent and drebrin-independent pools. <i>Journal of Neurochemistry</i> , 2018 , 146, 145-159	6	8
29	Phosphorylation of epidermal growth factor receptor at serine 1047 by MAP kinase-activated protein kinase-2 in cultured lung epithelial cells treated with flagellin. <i>Archives of Biochemistry and Biophysics</i> , 2013 , 529, 75-85	4.1	8
28	Interaction of ethyl pyruvate in vitro with NF- κ B subunits, RelA and p50. <i>European Journal of Pharmacology</i> , 2011 , 650, 151-6	5.3	7
27	Effects of silodosin on bladder activity in rats with frequent urination induced by pelvic venous congestion. <i>International Journal of Urology</i> , 2016 , 23, 881-887	2.3	6
26	Pelvic venous congestion induces lower urinary tract dysfunction in rats. <i>Biomedical Research</i> , 2018 , 39, 269-277	1.5	6
25	Relationship of blood flow in the common iliac vein to lower urinary tract disease. <i>Journal of Medical Ultrasonics (2001)</i> , 2019 , 46, 223-229	1.4	5
24	Intravenous or local injections of flavoxate in the rostral pontine reticular formation inhibit urinary frequency induced by activation of medial frontal lobe neurons in rats. <i>Journal of Urology</i> , 2014 , 192, 1278-85	2.5	5
23	Emotional Stress Facilitates Micturition Reflex: Possible Inhibition by an α -Adrenoceptor Blocker in the Conscious and Anesthetized State. <i>International Neurourology Journal</i> , 2019 , 23, 100-108	2.6	5
22	Naftopidil improves locomotor activity and urinary frequency in rats with pelvic venous congestion. <i>Biomedical Research</i> , 2016 , 37, 221-6	1.5	5
21	Tadalafil improves bladder dysfunction and object recognition in rats with pelvic venous congestion. <i>International Journal of Urology</i> , 2019 , 26, 578-585	2.3	4

20	Phosphorylation of epidermal growth factor receptor at serine 1047 in cultured lung alveolar epithelial cells by bradykinin B2 receptor stimulation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018 , 48, 53-61	3.5	4
19	Up-regulation of DUSP5 and DUSP6 by gonadotropin-releasing hormone in cultured hypothalamic neurons, GT1-7 cells. <i>Biomedical Research</i> , 2018 , 39, 149-158	1.5	4
18	Activation of Pyk2 by CaM kinase II in cultured hypothalamic neurons and gonadotroph cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 6865-6875	7	4
17	Targeting EphA4 abrogates intrinsic resistance to chemotherapy in well-differentiated cervical cancer cell line. <i>European Journal of Pharmacology</i> , 2018 , 840, 70-78	5.3	4
16	Naftopidil Improves Symptoms in a Rat Model of TraniLAST-Induced Interstitial Cystitis. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2017 , 9, 107-110	1.9	3
15	Action of naftopidil on spinal serotonergic neurotransmission for inhibition of the micturition reflex in rats. <i>Neurourology and Urodynamics</i> , 2017 , 36, 604-609	2.3	3
14	Fyn-mediated phosphorylation of Pyk2 promotes its activation and dissociation downstream of gonadotropin-releasing hormone receptor. <i>FEBS Journal</i> , 2020 , 287, 3551-3564	5.7	3
13	Spinal glycinergic and gamma-aminobutyric acid-ergic neurons inhibit the micturition reflex after electrical stimulation of the perineum in rats with pelvic venous congestion. <i>International Journal of Urology</i> , 2019 , 26, 1149-1155	2.3	3
12	Increased expression of EGR1 and KLF4 by polysulfide via activation of the ERK1/2 and ERK5 pathways in cultured intestinal epithelial cells. <i>Biomedical Research</i> , 2020 , 41, 119-129	1.5	2
11	Synergistic Effect by Co-Administration of Tamsulosin and Solifenacin on Bladder Activity in Rats. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2012 , 4, 3-8	1.9	2
10	Regulation of epidermal growth factor receptor expression and morphology of lung epithelial cells by interleukin-1 β . <i>Journal of Biochemistry</i> , 2020 , 168, 113-123	3.1	2
9	Mechanisms underlying the effects of propiverine on bladder activity in rats with pelvic venous congestion and urinary frequency. <i>Biomedical Research</i> , 2019 , 40, 145-152	1.5	2
8	Phenotypic Characterization of the Endocannabinoid-Degrading Enzyme Alpha/Beta-Hydrolase Domain 6 Knockout Rat. <i>Cannabis and Cannabinoid Research</i> , 2021 ,	4.6	2
7	ErbB4 cleavage by gonadotropin-releasing hormone receptor stimulation in cultured gonadotroph cells. <i>European Journal of Pharmacology</i> , 2017 , 799, 171-179	5.3	1
6	Evaluation of a rat model of functional urinary bladder outlet obstruction produced by chronic inhibition of nitric oxide synthase. <i>Life Sciences</i> , 2019 , 234, 116772	6.8	1
5	Mirabegron causes vesical and urethral relaxation in rats with spinal cord injury. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2020 , 12, 92-98	1.9	1
4	Roles of Pyk2 in signal transduction after gonadotropin-releasing hormone receptor stimulation. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3033-3043	7	1
3	In Vitro Effects of Plasma Collected From Rats Administered Naftopidil on Whole Urinary Bladder Preparation Isolated From Rats. <i>International Neurourology Journal</i> , 2019 , 23, 277-286	2.6	

- 2 Vanilla scent reduces frequency of urination in urethane-anesthetized rats. *LUTS: Lower Urinary Tract Symptoms*, **2021**, 13, 189-193 1.9
- 1 Deletion of the lysyl oxidase-like 1 gene induces impaired elastin fiber synthesis and inefficient urethral closure in rats. *Biomedical Research*, **2021**, 42, 23-31 1.5