

Shinichi Mitsui

List of Publications by Year in descending order

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40
papers

907
citations

430874

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h-index

477307

29
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all docs

40
docs citations

40
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Y-box-binding Protein YB-1 Mediates Transcriptional Repression of Human $\alpha 2(I)$ Collagen Gene Expression by Interferon- β . <i>Journal of Biological Chemistry</i> , 2003, 278, 5156-5162.	3.4	72
2	Motor Deficits and Hyperactivity in Cerebral Cortex-specific Dyt1 Conditional Knockout Mice. <i>Journal of Biochemistry</i> , 2007, 143, 39-47.	1.7	69
3	A novel form of human neuropsin, a brain-related serine protease, is generated by alternative splicing and is expressed preferentially in human adult brain. <i>FEBS Journal</i> , 1999, 260, 627-634.	0.2	59
4	A Novel Isoform of a Kallikrein-like Protease, TLSP/Hippostasin, (PRSS20), Is Expressed in the Human Brain and Prostate. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 205-211.	2.1	59
5	Spinesin/TMPRSS5, a Novel Transmembrane Serine Protease, Cloned from Human Spinal Cord. <i>Journal of Biological Chemistry</i> , 2002, 277, 6806-6812.	3.4	49
6	Decreased Cerebrospinal Fluid Levels of Neurosin (KLK6), an Aging-Related Protease, as a Possible New Risk Factor for Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2002, 977, 216-223.	3.8	49
7	Hepatocyte growth factor (HGF) activator expressed in hair follicles is involved in in vitro HGF-dependent hair follicle elongation. <i>Journal of Dermatological Science</i> , 2001, 25, 156-163.	1.9	45
8	Alternative splicing isoforms of hippostasin (PRSS20/KLK11) in prostate cancer cell lines. <i>Prostate</i> , 2001, 49, 72-78.	2.3	38
9	Characterization of a brain-related serine protease, neurosin (human kaillikrein 6), in human cerebrospinal fluid. <i>NeuroReport</i> , 2001, 12, 1345-1350.	1.2	32
10	A mental retardation gene, <i>motopsin</i> , modulates hippocampal function and social interaction. <i>European Journal of Neuroscience</i> , 2009, 30, 2368-2378.	2.6	32
11	Hair Cycle-Dependent Expression of Hepatocyte Growth Factor (HGF) Activator, Other Proteinases, and Proteinase Inhibitors Correlates with the Expression of HGF in Rat Hair Follicles. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999, 4, 312-315.	0.8	31
12	Exclusive paternal expression and novel alternatively spliced variants of β -sarcoglycan mRNA in mouse brain. <i>FEBS Letters</i> , 2005, 579, 4822-4828.	2.8	30
13	Molecular cloning and expression of a variant form of hippostasin/KLK11 in prostate. <i>Prostate</i> , 2003, 54, 299-305.	2.3	28
14	Expression of a serine protease (<i>motopsin</i> PRSS12) mRNA in the mouse brain: in situ hybridization histochemical study. <i>Molecular Brain Research</i> , 1999, 66, 141-149.	2.3	27
15	Enzymatic properties and localization of <i>motopsin</i> (PRSS12), a protease whose absence causes mental retardation. <i>Brain Research</i> , 2007, 1136, 1-12.	2.2	26
16	The distribution of the seizure-related gene 6 (<i>Sez-6</i>) protein during postnatal development of the mouse forebrain suggests multiple functions for this protein: An analysis using a new antibody. <i>Brain Research</i> , 2011, 1386, 58-69.	2.2	25
17	Partner Loss in Monogamous Rodents: Modulation of Pain and Emotional Behavior in Male Prairie Voles. <i>Psychosomatic Medicine</i> , 2018, 80, 62-68.	2.0	24
18	A mental retardation gene, <i>motopsin/prss12</i> , modulates cell morphology by interaction with seizure-related gene 6. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 638-644.	2.1	23

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19	A single prolonged stress paradigm produces enduring impairments in social bonding in monogamous prairie voles. <i>Behavioural Brain Research</i> , 2016, 315, 83-93.	2.2	17
20	The expression of a motoneuron-specific serine protease, motopsin (PRSS12), after facial nerve axotomy in mice. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2006, 59, 393-397.	1.0	16
21	Dermokine α 2 impairs ERK signaling through direct binding to GRP78. <i>FEBS Letters</i> , 2012, 586, 2300-2305.	2.8	15
22	Oxytocin receptor antagonist reverses the blunting effect of pair bonding on fear learning in monogamous prairie voles. <i>Hormones and Behavior</i> , 2020, 120, 104685.	2.1	15
23	Multiple promoters regulate tissue-specific alternative splicing of the human kallikrein gene, KLK11/hippostasin. <i>FEBS Journal</i> , 2006, 273, 3678-3686.	4.7	14
24	Structure and hair follicle-specific expression of genes encoding the rat high sulfur protein B2 family. <i>Gene</i> , 1998, 208, 123-129.	2.2	13
25	A novel serine protease highly expressed in the pancreas is expressed in various kinds of cancer cells. <i>FEBS Journal</i> , 2005, 272, 4911-4923.	4.7	13
26	Vulnerability or resilience of motopsin knockout mice to maternal separation stress depending on adulthood behaviors. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 2255-2268.	2.2	13
27	An acute bout of housework activities has beneficial effects on executive function. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 61-72.	2.2	12
28	Molecular cloning and tissue-specific expression analysis of mouse spinesin, a type II transmembrane serine protease 5. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 333-340.	2.1	10
29	Mosaic serine proteases in the mammalian central nervous system. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 1991.	3.0	10
30	Tissue plasminogen activator modulates emotion in a social context. <i>Behavioural Brain Research</i> , 2015, 281, 24-31.	2.2	9
31	Cyclin-dependent kinase inhibitors, p21waf1/cip1 and p27kip1, are expressed site- and hair cycle-dependently in rat hair follicles. <i>Journal of Dermatological Science</i> , 2001, 25, 164-169.	1.9	8
32	Localization of a cytokinin-binding protein CBP57/S-adenosyl-L-homocysteine hydrolase in a tobacco root. <i>Journal of Plant Physiology</i> , 1997, 150, 752-754.	3.5	6
33	Molecular Cloning and Characterization of Chymopasin, a Novel Serine Protease from Rat Pancreas. <i>Pancreas</i> , 2002, 25, 378-386.	1.1	5
34	Mental retardation-related protease, motopsin (prss12), binds to the BRICHOS domain of the integral membrane protein 2a. <i>Cell Biology International</i> , 2014, 38, 117-123.	3.0	5
35	N-glycosylation modulates filopodia-like protrusions induced by sez-6 through regulating the distribution of this protein on the cell surface. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 346-351.	2.1	3
36	Separation from a bonded partner alters neural response to inflammatory pain in monogamous rodents. <i>Behavioural Brain Research</i> , 2022, 418, 113650.	2.2	3

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37	Motopsin deficiency imparts partial insensitivity to doxorubicin-induced hippocampal impairments in adult mice. <i>Neuroscience Letters</i> , 2021, 763, 136181.	2.1	1
38	Y-box-binding protein YB-1 mediates transcriptional repression of human $\alpha 2(I)$ collagen gene expression by interferon- β . <i>Journal of Biological Chemistry</i> , 2003, 278, 12598.	3.4	1
39	Intracerebral Delivery of an OTR Antagonist and Subsequent Behavioral Testing in. <i>Methods in Molecular Biology</i> , 2022, 2384, 257-269.	0.9	0
40	Pair Bond Formation by Monogamous Prairie Voles in Novel Environments. <i>Kitakanto Medical Journal</i> , 2019, 69, 129-133.	0.0	0