Yasuhiro Moriwaki

List of Publications by Year
in descending order

47	2,447	218677	233421
papers	citations	26 h-index	45 g-index

47	47	47	3320
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expression and Function of the Cholinergic System in Immune Cells. Frontiers in Immunology, 2017, 8, 1085.	4.8	250
2	Expression and function of genes encoding cholinergic components in murine immune cells. Life Sciences, 2007, 80, 2314-2319.	4.3	199
3	Physiological functions of the cholinergic system in immune cells. Journal of Pharmacological Sciences, 2017, 134, 1-21.	2.5	151
4	Mycobacterium bovis BCG Cell Wall and Lipopolysaccharide Induce a Novel Gene, BIGM103, Encoding a 7-TM Protein: Identification of a New Protein Family Having Zn-Transporter and Zn-Metalloprotease Signatures. Genomics, 2002, 80, 630-645.	2.9	142
5	Critical roles of acetylcholine and the muscarinic and nicotinic acetylcholine receptors in the regulation of immune function. Life Sciences, 2012, 91, 1027-1032.	4.3	142
6	Mycobacterium bovis Bacillus Calmette-Guerin and Its Cell Wall Complex Induce a Novel Lysosomal Membrane Protein, SIMPLE, That Bridges the Missing Link between Lipopolysaccharide and p53-inducible Gene, LITAF(PIG7), and Estrogen-inducible Gene, EET-1. Journal of Biological Chemistry, 2001, 276, 23065-23076.	3.4	89
7	Ubiquitous expression of acetylcholine and its biological functions in life forms without nervous systems. Life Sciences, 2007, 80, 2206-2209.	4.3	89
8	Enhanced serum antigen-specific IgG1 and proinflammatory cytokine production in nicotinic acetylcholine receptor Î±7 subunit gene knockout mice. Journal of Neuroimmunology, 2007, 189, 69-74.	2.3	87
9	Immune system expression of SLURP-1 and SLURP-2, two endogenous nicotinic acetylcholine receptor ligands. Life Sciences, 2007, 80, 2365-2368.	4.3	79
10	Non-neuronal cholinergic system in regulation of immune function with a focus on Î±7 nAChRs. International Immunopharmacology, 2015, 29, 127-134.	3.8	77
11	L347P PINK1 mutant that fails to bind to Hsp90/Cdc37 chaperones is rapidly degraded in a proteasome-dependent manner. Neuroscience Research, 2008, 61, 43-48.	1.9	76
12	The Loss of PGAM5 Suppresses the Mitochondrial Degeneration Caused by Inactivation of PINK1 in Drosophila. PLoS Genetics, 2010, 6, e1001229.	3.5	72
13	Mycobacterium bovis BCG Cell Wall-Specific Differentially Expressed Genes Identified by Differential Display and cDNA Subtraction in Human Macrophages. Infection and Immunity, 2004, 72, 937-948.	2.2	71
14	Reconciling neuronally and nonneuronally derived acetylcholine in the regulation of immune function. Annals of the New York Academy of Sciences, 2012, 1261, 7-17.	3.8	64
15	Primary sensory neuronal expression of SLURP-1, an endogenous nicotinic acetylcholine receptor ligand. Neuroscience Research, 2009, 64, 403-412.	1.9	60
16	Î±-Synuclein BAC transgenic mice as a model for Parkinson's disease manifested decreased anxiety-like behavior and hyperlocomotion. Neuroscience Research, 2012, 73, 173-177.	1.9	60
17	Selective Expression of Osteopontin in ALS-resistant Motor Neurons is a Critical Determinant of Late Phase Neurodegeneration Mediated by Matrix Metalloproteinase-9. Scientific Reports, 2016, 6, 27354.	3.3	54
18	Cutting Edge: Critical Role of Intracellular Osteopontin in Antifungal Innate Immune Responses. Journal of Immunology, 2011, 186, 19-23.	0.8	50

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19	HEG1 is a novel mucin-like membrane protein that serves as a diagnostic and therapeutic target for malignant mesothelioma. Scientific Reports, 2017, 7, 45768.	3.3	50
20	Conditional knockout of Mn superoxide dismutase in postnatal motor neurons reveals resistance to mitochondrial generated superoxide radicals. Neurobiology of Disease, 2006, 23, 169-177.	4.4	49
21	T cells down-regulate macrophage TNF production by IRAK1-mediated IL-10 expression and control innate hyperinflammation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5295-5300.	7.1	49
22	Diminished antigen-specific IgG1 and interleukin-6 production and acetylcholinesterase expression in combined M1 and M5 muscarinic acetylcholine receptor knockout mice. Journal of Neuroimmunology, 2007, 188, 80-85.	2.3	47
23	Expression of SLURPâ€1, an endogenous Î±7 nicotinic acetylcholine receptor allosteric ligand, in murine bronchial epithelial cells. Journal of Neuroscience Research, 2009, 87, 2740-2747.	2.9	41
24	Innate immune adaptor TRIF deficiency accelerates disease progression of ALS mice with accumulation of aberrantly activated astrocytes. Cell Death and Differentiation, 2018, 25, 2130-2146.	11.2	36
25	SLURP-1, an endogenous Î±7 nicotinic acetylcholine receptor allosteric ligand, is expressed in CD205+ dendritic cells in human tonsils and potentiates lymphocytic cholinergic activity. Journal of Neuroimmunology, 2014, 267, 43-49.	2.3	34
26	Distinct Roles of Î±7 nAChRs in Antigen-Presenting Cells and CD4+ T Cells in the Regulation of T Cell Differentiation. Frontiers in Immunology, 2019, 10, 1102.	4.8	34
27	PINK1, a gene product of PARK6, accumulates in Â-synucleinopathy brains. Journal of Neurology, Neurosurgery and Psychiatry, 2007, 78, 653-654.	1.9	26
28	Osteopontin is an alpha motor neuron marker in the mouse spinal cord. Journal of Neuroscience Research, 2012, 90, 732-742.	2.9	26
29	Localization of Acetylcholine-Related Molecules in the Retina: Implication of the Communication from Photoreceptor to Retinal Pigment Epithelium. PLoS ONE, 2012, 7, e42841.	2.5	24
30	Dissociation of blood-brain barrier disruption and disease manifestation in an aquaporin-4-deficient mouse model of amyotrophic lateral sclerosis. Neuroscience Research, 2018, 133, 48-57.	1.9	22
31	Regulation of Immune Functions by Non-Neuronal Acetylcholine (ACh) via Muscarinic and Nicotinic ACh Receptors. International Journal of Molecular Sciences, 2021, 22, 6818.	4.1	21
32	IL-22/STAT3-Induced Increases in SLURP1 Expression within Psoriatic Lesions Exerts Antimicrobial Effects against Staphylococcus aureus. PLoS ONE, 2015, 10, e0140750.	2.5	20
33	Down-regulation of secreted lymphocyte antigen-6/urokinase-type plasminogen activator receptor-related peptide-1 (SLURP-1), an endogenous allosteric Î±7 nicotinic acetylcholine receptor modulator, in murine and human asthmatic conditions. Biochemical and Biophysical Research Communications, 2010, 398, 713-718.	2.1	19
34	Effect of secreted lymphocyte antigen-6/urokinase-type plasminogen activator receptor-related peptide-1 (SLURP-1) on airway epithelial cells. Biochemical and Biophysical Research Communications, 2013, 438, 175-179.	2.1	18
35	Minireview: Divergent roles of Î±7 nicotinic acetylcholine receptors expressed on antigen-presenting cells and CD4+ T cells in the regulation of T cell differentiation. International Immunopharmacology, 2020, 82, 106306.	3.8	16
36	Acetylcholine synthesis and release in NIH3T3 cells coexpressing the highâ€affinity choline transporter and choline acetyltransferase. Journal of Neuroscience Research, 2009, 87, 3024-3032.	2.9	15

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37	Transcriptional regulation of SLURP2, a psoriasis-associated gene, is under control of IL-22 in the skin: A special reference to the nested gene LYNX1. International Immunopharmacology, 2015, 29, 71-75.	3.8	15
38	Identification of mesothelioma-specific sialylated epitope recognized with monoclonal antibody SKM9-2 in a mucin-like membrane protein HEG1. Scientific Reports, 2018, 8, 14251.	3.3	15
39	Endogenous neurotoxin-like protein Ly6H inhibits alpha7 nicotinic acetylcholine receptor currents at the plasma membrane. Scientific Reports, 2020, 10, 11996.	3.3	12
40	Aberrant trafficking of the highâ€affinity choline transporter in APâ€3â€deficient mice. European Journal of Neuroscience, 2008, 27, 3109-3117.	2.6	10
41	New Pathways for the Skin's Stress Response: The Cholinergic Neuropeptide SLURP-1 Can Activate Mast Cells and Alter Cytokine Production in Mice. Frontiers in Immunology, 2021, 12, 631881.	4.8	10
42	Production and Regulation of Eotaxin-2/CCL24 in a Differentiated Human Leukemic Cell Line, HT93. Biological and Pharmaceutical Bulletin, 2007, 30, 1826-1832.	1.4	8
43	A bis-malonic acid fullerene derivative significantly suppressed IL-33-induced IL-6 expression by inhibiting NF-ÎºB activation. International Immunopharmacology, 2016, 40, 254-264.	3.8	8
44	SIMPLE binds specifically to PI4P through SIMPLE-like domain and participates in protein trafficking in the trans-Golgi network and/or recycling endosomes. PLoS ONE, 2018, 13, e0199829.	2.5	7
45	Reappraisal of VAChTâ€Cre: Preference in slow motor neurons innervating type I or IIa muscle fibers. Genesis, 2016, 54, 568-572.	1.6	3
46	Roles for Î±7 nicotinic acetylcholine receptors on naÃ¯ve CD4⁺ T cells and antigen-presenting cells in regulation of differentiation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-3-25.	0.0	0
47	Î±7 Nicotinic acetylcholine (ACh) receptors (Î±7 nAChRs) expressed on antigen-presenting cells (APCs) suppress the differentiation of CD4⁺ T cells.. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 2-P-088.	0.0	0