

# Mami Noda

## List of Publications by Year in descending order

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64  
papers

5,586  
citations

218677

26  
h-index

133252

59  
g-index

65  
all docs

65  
docs citations

65  
times ranked

8629  
citing authors

#	ARTICLE	IF	CITATIONS
1	Daphnetin ameliorates A $\beta$ 2 pathogenesis via STAT3/GFAP signaling in an APP/PS1 double-transgenic mouse model of Alzheimer's disease. <i>Pharmacological Research</i> , 2022, 180, 106227.	7.1	11
2	Homeostatic and endocrine responses as the basis for systemic therapy with medical gases: ozone, xenon and molecular hydrogen. <i>Medical Gas Research</i> , 2021, 11, 174.	2.3	6
3	Neuroprotective and Preventative Effects of Molecular Hydrogen. <i>Current Pharmaceutical Design</i> , 2021, 27, 585-591.	1.9	8
4	Safflower leaf ameliorates cognitive impairment through moderating excessive astrocyte activation in APP/PS1 mice. <i>Food and Function</i> , 2021, 12, 11704-11716.	4.6	5
5	Sex Differences in Dendritic Spine Formation in the Hippocampus and Animal Behaviors in a Mouse Model of Hyperthyroidism. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 268.	3.7	3
6	Extracellular pH modulation of excitatory synaptic transmission in hippocampal CA3 neurons. <i>Journal of Neurophysiology</i> , 2020, 123, 2426-2436.	1.8	5
7	Facilitation of microglial motility by thyroid hormones requires the presence of neurons in cell culture: A distinctive feature of the brainstem versus the cortex. <i>Brain Research Bulletin</i> , 2020, 157, 37-40.	3.0	2
8	&lt;p&gt;The Effects of 24-Week, High-Concentration Hydrogen-Rich Water on Body Composition, Blood Lipid Profiles and Inflammation Biomarkers in Men and Women with Metabolic Syndrome: A Randomized Controlled Trial&lt;p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 889-896.	2.4	55
9	Hydrogen medicine: A rising star in gas medicine. <i>Traditional Medicine and Modern Medicine</i> , 2020, 03, 153-161.	0.2	6
10	Gliohormonal System: Effects of Thyroid Hormones in Glia and their Functions in the Central Nervous System. <i>Medical University</i> , 2020, 3, 1-11.	0.2	1
11	Circulating messenger for neuroprotection induced by molecular hydrogen. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 909-915.	1.4	8
12	Metabolic Plasticity of Astrocytes and Aging of the Brain. <i>International Journal of Molecular Sciences</i> , 2019, 20, 941.	4.1	62
13	Neuropathic pain inhibitor, RAP-103, is a potent inhibitor of microglial CCL1/CCR8. <i>Neurochemistry International</i> , 2018, 119, 184-189.	3.8	11
14	Gliotransmitters and cytokines in the control of blood-brain barrier permeability. <i>Reviews in the Neurosciences</i> , 2018, 29, 567-591.	2.9	45
15	Effects of Derinat on ischemia-reperfusion-induced pressure ulcer mouse model. <i>Journal of Pharmacological Sciences</i> , 2018, 138, 123-130.	2.5	13
16	Thyroid Hormone in the CNS: Contribution of Neuron-Glia Interaction. <i>Vitamins and Hormones</i> , 2018, 106, 313-331.	1.7	35
17	Nicotine inhibits activation of microglial proton currents via interactions with $\alpha 7$ acetylcholine receptors. <i>Journal of Physiological Sciences</i> , 2017, 67, 235-245.	2.1	30
18	Complexity of Stomach-Brain Interaction Induced by Molecular Hydrogen in Parkinson's Disease Model Mice. <i>Neurochemical Research</i> , 2017, 42, 2658-2665.	3.3	19

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19	Hydrogen gas protects IP3Rs by reducing disulfide bridges in human keratinocytes under oxidative stress. <i>Scientific Reports</i> , 2017, 7, 3606.	3.3	11
20	Mechanisms of Nicotine-Induced Neuroprotection: Inhibition of NADPH Oxidase and Subsequent Proton Channel Activation by Stimulating $\alpha 7$ Nicotinic Acetylcholine Receptor in Activated Microglia. <i>Advances in Neuroimmune Biology</i> , 2016, 6, 107-115.	0.7	1
21	Dysfunction of Glutamate Receptors in Microglia May Cause Neurodegeneration. <i>Current Alzheimer Research</i> , 2016, 13, 381-386.	1.4	25
22	Effects of 3,3',5-triiodothyronine on microglial functions. <i>Glia</i> , 2015, 63, 906-920.	4.9	38
23	Possible role of glial cells in the relationship between thyroid dysfunction and mental disorders. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 194.	3.7	39
24	Derinat Protects Skin against Ultraviolet-B (UVB)-Induced Cellular Damage. <i>Molecules</i> , 2015, 20, 20297-20311.	3.8	21
25	Induction of interleukin-1 <sup>2</sup> by activated microglia is a prerequisite for immunologically induced fatigue. <i>European Journal of Neuroscience</i> , 2014, 40, 3253-3263.	2.6	39
26	Possible Therapeutic Targets in Microglia. , 2014, , 293-313.		1
27	Calcium Influx Through Reversed NCX Controls Migration of Microglia. <i>Advances in Experimental Medicine and Biology</i> , 2013, 961, 289-294.	1.6	22
28	Effects of chemokine (C-C motif) ligand 1 on microglial function. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 455-461.	2.1	23
29	Expression, subunit composition, and function of AMPA-type glutamate receptors are changed in activated microglia; possible contribution of GluA2 (GluR $\beta$ ) deficiency under pathological conditions. <i>Glia</i> , 2013, 61, 881-891.	4.9	34
30	IL-6 Receptor Is a Possible Target against Growth of Metastasized Lung Tumor Cells in the Brain. <i>International Journal of Molecular Sciences</i> , 2013, 14, 515-526.	4.1	12
31	Oral $\delta$ -hydrogen water <sup>TM</sup> induces neuroprotective ghrelin secretion in mice. <i>Scientific Reports</i> , 2013, 3, 3273.	3.3	58
32	Possible Contribution of Microglial Glutamate Receptors to Inflammatory Response upon Neurodegenerative Diseases. <i>Journal of Neurological Disorders</i> , 2013, 01, .	0.1	8
33	The Brain Microenvironment. , 2012, , 43-54.		0
34	Therapeutic Approach to Neurodegenerative Diseases by Medical Gases: Focusing on Redox Signaling and Related Antioxidant Enzymes. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-9.	4.0	41
35	Physiology of Microglia. <i>Physiological Reviews</i> , 2011, 91, 461-553.	28.8	2,990
36	Therapeutic Effects of Hydrogen in Animal Models of Parkinson's Disease. <i>Parkinson's Disease</i> , 2011, 2011, 1-9.	1.1	13

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37	The Principle and the Potential Approach to ROS-dependent Cytotoxicity by Non-pharmaceutical Therapies: Optimal Use of Medical Gases with Antioxidant Properties. <i>Current Pharmaceutical Design</i> , 2011, 17, 2253-2263.	1.9	11
38	Neuropeptides as Attractants of Immune Cells in the Brain and their Distinct Signaling. <i>Advances in Neuroimmune Biology</i> , 2011, 1, 53-62.	0.7	5
39	Functional importance of inositol 1,4,5-triphosphate-induced intracellular Ca <sup>2+</sup> mobilization in galanin-induced microglial migration. <i>Journal of Neurochemistry</i> , 2011, 117, 61-70.	3.9	21
40	Interaction between lung cancer cells and astrocytes via specific inflammatory cytokines in the microenvironment of brain metastasis. <i>Clinical and Experimental Metastasis</i> , 2011, 28, 13-25.	3.3	160
41	6 Kallikrein-kinin system in the brain. , 2011, , 85-102.		0
42	Glial Cells in Brain Defense Mechanisms. <i>NeuroImmune Biology</i> , 2010, , 161-167.	0.2	1
43	Hydrogen in Drinking Water Reduces Dopaminergic Neuronal Loss in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine Mouse Model of Parkinson's Disease. <i>PLoS ONE</i> , 2009, 4, e7247.	2.5	170
44	Bradykinin-Induced Microglial Migration Mediated by B <sub>1</sub> -Bradykinin Receptors Depends on Ca <sup>2+</sup> Influx via Reverse-Mode Activity of the Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger. <i>Journal of Neuroscience</i> , 2007, 27, 13065-13073.	3.6	119
45	Multifunctional effects of bradykinin on glial cells in relation to potential anti-inflammatory effects. <i>Neurochemistry International</i> , 2007, 51, 185-191.	3.8	40
46	Cyclic ADP-ribose as a universal calcium signal molecule in the nervous system. <i>Neurochemistry International</i> , 2007, 51, 192-199.	3.8	77
47	Neuroprotective role of bradykinin because of the attenuation of pro-inflammatory cytokine release from activated microglia. <i>Journal of Neurochemistry</i> , 2007, 101, 397-410.	3.9	116
48	Parkin potentiates ATP-induced currents due to activation of P2X receptors in PC12 cells. <i>Journal of Cellular Physiology</i> , 2006, 209, 172-182.	4.1	26
49	Anti-inflammatory effects of kinins via microglia in the central nervous system. <i>Biological Chemistry</i> , 2006, 387, 167-171.	2.5	17
50	Potential of ATP-induced currents due to the activation of P2X receptors by ubiquitin carboxy-terminal hydrolase L1. <i>Journal of Neurochemistry</i> , 2005, 92, 1061-1072.	3.9	15
51	Multiple Signal Transduction Pathways Mediated by 5-HT Receptors. <i>Molecular Neurobiology</i> , 2004, 29, 31-40.	4.0	60
52	Heterogeneity and potentiation of AMPA type of glutamate receptors in rat cultured microglia. <i>Glia</i> , 2004, 47, 68-77.	4.9	75
53	Kinin receptors in cultured rat microglia. <i>Neurochemistry International</i> , 2004, 45, 437-442.	3.8	33
54	Ubiquitin carboxy-terminal hydrolase L1 binds to and stabilizes monoubiquitin in neuron. <i>Human Molecular Genetics</i> , 2003, 12, 1945-1958.	2.9	328

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55	Recombinant human serotonin 5A receptors stably expressed in C6 glioma cells couple to multiple signal transduction pathways. <i>Journal of Neurochemistry</i> , 2003, 84, 222-232.	3.9	53
56	Expression and function of bradykinin receptors in microglia. <i>Life Sciences</i> , 2003, 72, 1573-1581.	4.3	61
57	Measurement of adenylyl cyclase by separating cyclic AMP on silica gel thin-layer chromatography. <i>Analytical Biochemistry</i> , 2002, 308, 106-111.	2.4	12
58	Cyclic ADP-ribose as a second messenger revisited from a new aspect of signal transduction from receptors to ADP-ribosyl cyclase. , 2001, 90, 283-296.		59
59	Signal Transduction from Bradykinin, Angiotensin, Adrenergic and Muscarinic Receptors to Effector Enzymes, Including ADP-Ribosyl Cyclase. <i>Biological Chemistry</i> , 2001, 382, 23-30.	2.5	22
60	AMPA&Kainate Subtypes of Glutamate Receptor in Rat Cerebral Microglia. <i>Journal of Neuroscience</i> , 2000, 20, 251-258.	3.6	277
61	Muscarinic Receptor-mediated Dual Regulation of ADP-ribosyl Cyclase in NG108-15 Neuronal Cell Membranes. <i>Journal of Biological Chemistry</i> , 1997, 272, 31272-31277.	3.4	97
62	Inositol trisphosphate/Ca <sup>2+</sup> as messengers of bradykinin B2 and muscarinic acetylcholine m1-m4 receptors in neuroblastoma-derived hybrid cells. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1996, 14, 175-185.	0.9	15
63	Inositol 1,4,5-trisphosphate formation and ryanodine-sensitive oscillations of cytosolic free Ca <sup>2+</sup> concentrations in neuroblastoma;1/2fibroblast hybrid NL308 cells expressing m2 and m4 muscarinic acetylcholine receptor subtypes. <i>Pflügers Archiv European Journal of Physiology</i> , 1995, 429, 426-433.	2.8	11
64	A novel strategy for treating cancer: understanding the role of Ca <sup>2+</sup> signaling from nociceptive TRP channels in regulating cancer progression. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , .	0.8	1