Yasu-Taka Azuma

List of Publications by Year
in descending order

40	1,199	471061 17	377514 34
papers	citations	h-index	g-index

41	41	41	1741
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Active Site Cysteine of the Proapoptotic Protein Glyceraldehyde-3-phosphate Dehydrogenase Is Essential in Oxidative Stress-induced Aggregation and Cell Death. Journal of Biological Chemistry, 2007, 282, 26562-26574.	1.6	155
2	Glyceraldehyde-3-phosphate Dehydrogenase Aggregate Formation Participates in Oxidative Stress-induced Cell Death. Journal of Biological Chemistry, 2009, 284, 34331-34341.	1.6	119
3	Interleukin-19 protects mice from innate-mediated colonic inflammation. Inflammatory Bowel Diseases, 2010, 16, 1017-1028.	0.9	105
4	PACAP provides colonic protection against dextran sodium sulfate induced colitis. Journal of Cellular Physiology, 2008, 216, 111-119.	2.0	84
5	PPARÎ± contributes to colonic protection in mice with DSS-induced colitis. International Immunopharmacology, 2010, 10, 1261-1267.	1.7	76
6	Glyceraldehyde-3-phosphate Dehydrogenase Aggregates Accelerate Amyloid-Î² Amyloidogenesis in Alzheimer Disease. Journal of Biological Chemistry, 2015, 290, 26072-26087.	1.6	60
7	A rapid, targeted, neuron-selective, in vivo knockdown following a single intracerebroventricular injection of a novel chemically modified siRNA in the adult rat brain. Journal of Biotechnology, 2012, 157, 326-333.	1.9	53
8	Glyceraldehyde-3-phosphate Dehydrogenase (GAPDH) Aggregation Causes Mitochondrial Dysfunction during Oxidative Stress-induced Cell Death. Journal of Biological Chemistry, 2017, 292, 4727-4742.	1.6	52
9	Nuclear-translocated Glyceraldehyde-3-phosphate Dehydrogenase Promotes Poly(ADP-ribose) Polymerase-1 Activation during Oxidative/Nitrosative Stress in Stroke. Journal of Biological Chemistry, 2015, 290, 14493-14503.	1.6	44
10	IL-19 as a Potential Therapeutic in Autoimmune and Inflammatory Diseases. Current Pharmaceutical Design, 2011, 17, 3776-3780.	0.9	38
11	Chronic kidney disease after 5/6 nephrectomy disturbs the intestinal microbiota and alters intestinal motility. Journal of Cellular Physiology, 2019, 234, 6667-6678.	2.0	38
12	Interleukin-19 Is a Negative Regulator of Innate Immunity and Critical for Colonic Protection. Journal of Pharmacological Sciences, 2011, 115, 105-111.	1.1	34
13	An aggregate-prone mutant of human glyceraldehyde-3-phosphate dehydrogenase augments oxidative stress-induced cell death in SH-SY5Y cells. Biochemical and Biophysical Research Communications, 2009, 390, 1066-1071.	1.0	30
14	Fatty acid transport protein 1 enhances the macrophage inflammatory response by coupling with ceramide and c-Jun N-terminal kinase signaling. International Immunopharmacology, 2018, 55, 205-215.	1.7	22
15	Interleukin 19 reduces inflammation in chemically induced experimental colitis. International Immunopharmacology, 2015, 29, 468-475.	1.7	21
16	Active site cysteine-null glyceraldehyde-3-phosphate dehydrogenase (GAPDH) rescues nitric oxide-induced cell death. Nitric Oxide - Biology and Chemistry, 2016, 53, 13-21.	1.2	21
17	Na⁺/Ca²⁺ exchanger 2â€heterozygote knockout mice display decreased acetylcholine release and altered colonic motility in vivo. Neurogastroenterology and Motility, 2012, 24, e600-10.	1.6	20
18	Nitric Oxide and Carbon Monoxide Act as Inhibitory Neurotransmitters in the Longitudinal Muscle of C57BL/6J Mouse Distal Colon. Journal of Pharmacological Sciences, 2010, 112, 231-241.	1.1	16

#	Article	IF	Citations
19	Glyceraldehyde-3-phosphate dehydrogenase aggregation inhibitor peptide: A potential therapeutic strategy against oxidative stress-induced cell death. Biochemical and Biophysical Research Communications, 2015, 467, 373-376.	1.0	15
20	Botulinum neurotoxin A subtype 2 reduces pathological behaviors more effectively than subtype 1 in a rat Parkinsonâ€™s disease model. Biochemical and Biophysical Research Communications, 2014, 447, 311-314.	1.0	14
21	Na⁺/Ca²⁺ exchangerâ€heterozygote knockout mice display increased relaxation in gastric fundus and accelerated gastric transit in vivo. Neurogastroenterology and Motility, 2016, 28, 827-836.	1.6	14
22	Adenosine and ATP Affect LPS-Induced Cytokine Production in Canine Macrophage Cell Line DH82 Cells. Journal of Veterinary Medical Science, 2012, 74, 27-34.	0.3	13
23	Na+/Ca2+ Exchanger 1/2 Double-Heterozygote Knockout Mice Display Increased Nitric Oxide Component and Altered Colonic Motility. Journal of Pharmacological Sciences, 2013, 123, 235-245.	1.1	13
24	Involvement of M2 muscarinic receptors in relaxant response of circular muscle of mouse gastric antrum.. Neurogastroenterology and Motility, 2006, 18, 226-233.	1.6	12
25	Interleukin-19 contributes as a protective factor in experimental Th2-mediated colitis. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 261-268.	1.4	12
26	Redox-dependent internalization of the purinergic P2Y ₆ receptor limits colitis progression. Science Signaling, 2022, 15, eabj0644.	1.6	12
27	The role of muscarinic receptor subtypes in acetylcholine release from urinary bladder obtained from muscarinic receptor knockout mouse. Neuroscience, 2008, 156, 381-389.	1.1	10
28	Overexpression of Na+/Ca2+ exchanger 1 display enhanced relaxation in the gastric fundus. Journal of Pharmacological Sciences, 2016, 132, 181-186.	1.1	10
29	Roles of Na+/Ca2+ exchanger isoforms NCX1 and NCX2 in motility in mouse ileum. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 1081-1090.	1.4	10
30	IL-19 Contributes to the Development of Nonalcoholic Steatohepatitis by Altering Lipid Metabolism. Cells, 2021, 10, 3513.	1.8	10
31	Functional interactions between the SK2 channel and the nicotinic acetylcholine receptor in enteric neurons of the guinea pig ileum. Journal of Neurochemistry, 2007, 103, 2428-2438.	2.1	9
32	Na⁺/Ca²⁺ Exchanger 1 Transgenic Mice Display Increased Relaxation in the Distal Colon. Pharmacology, 2014, 94, 230-238.	0.9	9
33	Differences in time to peak carbachol-induced contractions between circular and longitudinal smooth muscles of mouse ileum. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 63-72.	1.4	9
34	Aggressive Crosstalk Between Fatty Acids and Inflammation in Macrophages and Their Influence on Metabolic Homeostasis. Neurochemical Research, 2018, 43, 19-26.	1.6	9
35	Orexin A affects ascending contraction depending on downstream cholinergic neurons and descending relaxation through independent pathways in mouse jejunum. Neuropharmacology, 2006, 51, 466-473.	2.0	8
36	Clofibrate Relaxes the Longitudinal Smooth Muscle of the Mouse Distal Colon through Calcium-Mediated Desensitisation of Contractile Machinery. Pharmacology, 2011, 88, 65-71.	0.9	6

#	Article	IF	Citations
37	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“7. Molecules, 2020, 25, 2968.	1.7	5
38	Evidence that Nitric Oxide Is a Non-Adrenergic Non-Cholinergic Inhibitory Neurotransmitter in the Circular Muscle of the Mouse Distal Colon: A Study on the Mechanism of Nitric Oxide-Induced Relaxation. Pharmacology, 2014, 94, 99-108.	0.9	4
39	Extracellular poly(ADP-ribose) is a neurotrophic signal that upregulates glial cell line-derived neurotrophic factor (GDNF) levels inÂvitro and inAvivo. Biochemical and Biophysical Research Communications, 2017, 484, 385-389.	1.0	4
40	Correlation between toll-like receptor 4 and nucleotide-binding oligomerization domain 2 (NOD2) and pathological severity in dogs with chronic gastrointestinal diseases. Veterinary Immunology and Immunopathology, 2019, 210, 15-22.	0.5	2