

Hideki Matsumoto

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.

28

papers

631

citations

12

h-index

25

g-index

29

ext. papers

728

ext. citations

3.9

avg, IF

2.96

L-index

#	Paper	IF	Citations
28	Concordant induction of prostaglandin E2 synthase with cyclooxygenase-2 leads to preferred production of prostaglandin E2 over thromboxane and prostaglandin D2 in lipopolysaccharide-stimulated rat peritoneal macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 230, 110-4	3.4	135
27	Dietary histidine ameliorates murine colitis by inhibition of proinflammatory cytokine production from macrophages. <i>Gastroenterology</i> , 2009 , 136, 564-74.e2	13.3	108
26	Leucine and protein metabolism in obese Zucker rats. <i>PLoS ONE</i> , 2013 , 8, e59443	3.7	68
25	Major roles of prostanoid receptors IP and EP(3) in endotoxin-induced enhancement of pain perception. <i>Biochemical Pharmacology</i> , 2001 , 62, 157-60	6	67
24	Induction of cyclooxygenase-2 causes an enhancement of writhing response in mice. <i>European Journal of Pharmacology</i> , 1998 , 352, 47-52	5.3	34
23	Bolus ingestion of individual branched-chain amino acids alters plasma amino acid profiles in young healthy men. <i>SpringerPlus</i> , 2014 , 3, 35		32
22	Decreased glutamate, glutamine and citrulline concentrations in plasma and muscle in endotoxemia cannot be reversed by glutamate or glutamine supplementation: a primary intestinal defect?. <i>Amino Acids</i> , 2012 , 43, 1485-98	3.5	29
21	Monosodium glutamate raises antral distension and plasma amino acid after a standard meal in humans. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, G137-45	5.1	29
20	Effects of chemotherapy on gene expression of lingual taste receptors in patients with head and neck cancer. <i>Laryngoscope</i> , 2016 , 126, E103-9	3.6	28
19	Beneficial effects of an amino acid mixture on colonic mucosal healing in rats. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 2895-905	4.5	20
18	Effects of monosodium glutamate supplementation on glutamine metabolism in adult rats. <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 279-90	1.6	14
17	Evidence for involvement of prostaglandin I2 as a major nociceptive mediator in acetic acid-induced writhing reaction: a study using IP-receptor disrupted mice. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 469, 265-8	3.6	12
16	Effect of monosodium L-glutamate (umami substance) on cognitive function in people with dementia. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 266-275	5.2	10
15	Validation of preferred salt concentration in soup based on a randomized blinded experiment in multiple regions in Japan-influence of umami (L-glutamate) on saltiness and palatability of low-salt solutions. <i>Hypertension Research</i> , 2020 , 43, 525-533	4.7	9
14	Detection and recognition thresholds for five basic tastes in patients with mild cognitive impairment and Alzheimer's disease dementia. <i>BMC Neurology</i> , 2020 , 20, 110	3.1	7
13	Thirteen week toxicity study of dietary l-tryptophan in rats with a recovery period of 5 weeks. <i>Journal of Applied Toxicology</i> , 2018 , 38, 552-563	4.1	5
12	Quantitative verification of the effect of using an umami substance (L-glutamate) to reduce salt intake. <i>Hypertension Research</i> , 2020 , 43, 579-581	4.7	4

11	Inhibitory effect of arachidonic acid on platelet-activating factor production in rat neutrophils. <i>European Journal of Pharmacology</i> , 1996 , 302, 117-21	5.3	3
10	Tolerable amounts of amino acids for human supplementation: summary and lessons from published peer-reviewed studies. <i>Amino Acids</i> , 2021 , 53, 1313-1328	3.5	3
9	Dietary Supplementation with Monosodium Glutamate Suppresses Chemotherapy-Induced Downregulation of the T1R3 Taste Receptor Subunit in Head and Neck Cancer Patients. <i>Nutrients</i> , 2021 , 13,	6.7	3
8	Pilot intervention study of a low-salt diet with monomagnesium di-L-glutamate as an umami seasoning in psychiatric inpatients. <i>Psychogeriatrics</i> , 2015 , 15, 38-42	1.8	2
7	Monosodium Glutamate Supplementation Improves Bone Status in Mice Under Moderate Protein Restriction. <i>JBMR Plus</i> , 2019 , 3, e10224	3.9	2
6	Analysis of branched-chain alpha-keto acid dehydrogenase complex activity in rat tissues using alpha-keto[1-13C]isocaproate as substrate. <i>Analytical Biochemistry</i> , 2010 , 399, 1-6	3.1	2
5	Sensory Evaluation of a Low-salt Menu Created with Umami, Similar to Savory, Substance. <i>Nihon Eiyōshokuryō Gakkai Shi = Nippon Eiyōshokuryō Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2011 , 64, 305-311	0.2	2
4	Subchronic Tolerance Trials of Graded Oral Supplementation with Phenylalanine or Serine in Healthy Adults. <i>Nutrients</i> , 2021 , 13,	6.7	2
3	Dietary free glutamate comes from a variety of food products in the United States. <i>Nutrition Research</i> , 2019 , 67, 67-77	4	1
2	Reply to readers' comment to: Effect of monosodium L-glutamate (umami substance) on cognitive function in people with dementia. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 967	5.2	
1	Role of muscle and liver in leucine catabolism in rats fed excessive leucine. <i>FASEB Journal</i> , 2007 , 21, A335.9		