Hideki Matsumoto

List of Publications by Year
in descending order

29	827	566801 15	525886 27
papers	citations	h-index	g-index

29	29	29	1241
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concordant Induction of Prostaglandin E2Synthase with Cyclooxygenase-2 Leads to Preferred Production of Prostaglandin E2over Thromboxane and Prostaglandin D2in Lipopolysaccharide-Stimulated Rat Peritoneal Macrophages. Biochemical and Biophysical Research Communications, 1997, 230, 110-114.	1.0	142
2	Dietary Histidine Ameliorates Murine Colitis by Inhibition of Proinflammatory Cytokine Production From Macrophages. Gastroenterology, 2009, 136, 564-574.e2.	0.6	139
3	Leucine and Protein Metabolism in Obese Zucker Rats. PLoS ONE, 2013, 8, e59443.	1.1	91
4	Major roles of prostanoid receptors IP and EP3 in endotoxin-induced enhancement of pain perception11Abbreviations:, prostaglandin E receptor subtype 1; IP, prostaglandin I receptor; LPS, lipopolysaccharide; and WT, wild-type mice.. Biochemical Pharmacology, 2001, 62, 157-160.	2.0	74
5	Induction of cyclooxygenase-2 causes an enhancement of writhing response in mice. European Journal of Pharmacology, 1998, 352, 47-52.	1.7	42
6	Bolus ingestion of individual branched-chain amino acids alters plasma amino acid profiles in young healthy men. SpringerPlus, 2014, 3, 35.	1.2	40
7	Monosodium glutamate raises antral distension and plasma amino acid after a standard meal in humans. American Journal of Physiology - Renal Physiology, 2011, 300, G137-G145.	1.6	37
8	Decreased glutamate, glutamine and citrulline concentrations in plasma and muscle in endotoxemia cannot be reversed by glutamate or glutamine supplementation: a primary intestinal defect?. Amino Acids, 2012, 43, 1485-1498.	1.2	35
9	Effects of chemotherapy on gene expression of lingual taste receptors in patients with head and neck cancer. Laryngoscope, 2016, 126, E103-9.	1.1	35
10	Validation of preferred salt concentration in soup based on a randomized blinded experiment in multiple regions in Japanâ€”influence of umami (l-glutamate) on saltiness and palatability of low-salt solutions. Hypertension Research, 2020, 43, 525-533.	1.5	29
11	Beneficial Effects of an Amino Acid Mixture on Colonic Mucosal Healing in Rats. Inflammatory Bowel Diseases, 2013, 19, 2895-2905.	0.9	23
12	Detection and recognition thresholds for five basic tastes in patients with mild cognitive impairment and Alzheimerâ€™s disease dementia. BMC Neurology, 2020, 20, 110.	0.8	20
13	Tolerable amounts of amino acids for human supplementation: summary and lessons from published peer-reviewed studies. Amino Acids, 2021, 53, 1313-1328.	1.2	18
14	Evidence for Involvement of Prostaglandin I2 as a Major Nociceptive Mediator in Acetic Acid-Induced Writhing Reaction: a Study Using IP-Receptor Disrupted Mice. Advances in Experimental Medicine and Biology, 1999, 469, 265-268.	0.8	18
15	Effects of monosodium glutamate supplementation on glutamine metabolism in adult rats. Frontiers in Bioscience - Elite, 2011, E3, 279-290.	0.9	17
16	Effect of monosodium l-glutamate (umami substance) on cognitive function in people with dementia. European Journal of Clinical Nutrition, 2019, 73, 266-275.	1.3	14
17	Thirteen week toxicity study of dietary <scp>l</scp>â€tryptophan in rats with a recovery period of 5Âweeks. Journal of Applied Toxicology, 2018, 38, 552-563.	1.4	9
18	Quantitative verification of the effect of using an umami substance (L-glutamate) to reduce salt intake. Hypertension Research, 2020, 43, 579-581.	1.5	8

#	Article	IF	Citations
19	Dietary Supplementation with Monosodium Glutamate Suppresses Chemotherapy-Induced Downregulation of the T1R3 Taste Receptor Subunit in Head and Neck Cancer Patients. Nutrients, 2021, 13, 2921.	1.7	7
20	Pilot intervention study of a lowâ€salt diet with monomagnesium diâ€<scp>L</scp>â€glutamate as an umami seasoning in psychiatric inpatients. Psychogeriatrics, 2015, 15, 38-42.	0.6	6
21	Sensory Evaluation of a Low-salt Menu Created with Umami, Similar to Savory, Substance. Nihon EiyÅ•ShokuryÅ•Gakkai Shi = Nippon EiyÅ•ShokuryÅ•Gakkaishi = Journal of Japanese Society of Nutrition and Food Science, 2011, 64, 305-311.	0.2	6
22	Monosodium Glutamate Supplementation Improves Bone Status in Mice Under Moderate Protein Restriction. JBMR Plus, 2019, 3, e10224.	1.3	4
23	Subchronic Tolerance Trials of Graded Oral Supplementation with Phenylalanine or Serine in Healthy Adults. Nutrients, 2021, 13, 1976.	1.7	4
24	Inhibitory effect of arachidonic acid on platelet-activating factor production in rat neutrophils. European Journal of Pharmacology, 1996, 302, 117-121.	1.7	3
25	Dietary free glutamate comes from a variety of food products in the United States. Nutrition Research, 2019, 67, 67-77.	1.3	3
26	Analysis of branched-chain Î±-keto acid dehydrogenase complex activity in rat tissues using Î±-keto[1-13C]isocaproate as substrate. Analytical Biochemistry, 2010, 399, 1-6.	1.1	2
27	Stress Condition on a Restricted Sodium Diet Using Umami Substance (L-Glutamate) in a Pilot Randomized Cross-Over Study. Foods, 2021, 10, 1739.	1.9	1
28	Reply to readersâ€™ comment to: â€˜Effect of monosodium L-glutamate (umami substance) on cognitive function in people with dementiaâ€™. European Journal of Clinical Nutrition, 2019, 73, 967-967.	1.3	0
29	Role of muscle and liver in leucine catabolism in rats fed excessive leucine. FASEB Journal, 2007, 21, A335.	0.2	0