

Masanori Ohta

List of Publications by Year in descending order

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49
papers

1,043
citations

430442

18
h-index

414034

32
g-index

50
all docs

50
docs citations

50
times ranked

1826
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary intake of folate, other B vitamins, and ω -3 polyunsaturated fatty acids in relation to depressive symptoms in Japanese adults. <i>Nutrition</i> , 2008, 24, 140-147.	1.1	195
2	Dietary intakes of ω -3 linolenic and linoleic acids are inversely associated with serum C-reactive protein levels among Japanese men. <i>Nutrition Research</i> , 2009, 29, 363-370.	1.3	74
3	Effect of the Physical Activities in Leisure Time and Commuting to Work on Mental Health. <i>Journal of Occupational Health</i> , 2007, 49, 46-52.	1.0	69
4	Increase of human MTH1 and decrease of 8-hydroxydeoxyguanosine in leukocyte DNA by acute and chronic exercise in healthy male subjects. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 333-338.	1.0	66
5	Urea, the most abundant component in urine, cross-reacts with a commercial 8-OH-dG ELISA kit and contributes to overestimation of urinary 8-OH-dG. <i>Free Radical Biology and Medicine</i> , 2009, 47, 41-46.	1.3	62
6	Body iron store as a predictor of oxidative DNA damage in healthy men and women. <i>Cancer Science</i> , 2010, 101, 517-522.	1.7	56
7	Blood Pressure-Lowering Effects of Lifestyle Modification: Possible Involvement of Nitric Oxide Bioavailability. <i>Hypertension Research</i> , 2005, 28, 779-786.	1.5	38
8	Effects of home-based bench step exercise on inflammatory cytokines and lipid profiles in elderly Japanese females: A randomized controlled trial. <i>Archives of Gerontology and Geriatrics</i> , 2015, 61, 443-451.	1.4	35
9	Ecto-5'-Nucleotidase, CD73, Is an Endothelium-Derived Hyperpolarizing Factor Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 629-636.	1.1	32
10	Effects of bench step exercise on arterial stiffness in post-menopausal women: Contribution of IGF-1 bioactivity and nitric oxide production. <i>Growth Hormone and IGF Research</i> , 2012, 22, 36-41.	0.5	31
11	Frequency of soup intake and amount of dietary fiber intake are inversely associated with plasma leptin concentrations in Japanese adults. <i>Appetite</i> , 2010, 54, 538-543.	1.8	30
12	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.	1.5	29
13	Laminar shear stress upregulates endothelial Ca^{2+} -activated K^{+} channels $KCa_{2.3}$ and $KCa_{3.1}$ via a Ca^{2+} /calmodulin-dependent protein kinase kinase/Akt/p300 cascade. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H484-H493.	1.5	26
14	Measurement of 8-hydroxyguanine as an oxidative stress biomarker in saliva by HPLC-ECD. <i>Genes and Environment</i> , 2018, 40, 5.	0.9	26
15	Effectiveness of workplace exercise supervised by a physical therapist among nurses conducting shift work: A randomized controlled trial. <i>Journal of Occupational Health</i> , 2017, 59, 327-335.	1.0	25
16	Serum Folate and Depressive Symptoms Among Japanese Men and Women: A Cross-Sectional and Prospective Study. <i>Psychiatry Research</i> , 2012, 200, 349-353.	1.7	24
17	Coffee Intake is Associated With Lower Levels of Oxidative DNA Damage and Decreasing Body Iron Storage in Healthy Women. <i>Nutrition and Cancer</i> , 2014, 66, 964-969.	0.9	21
18	An exaggerated blood pressure response to exercise is associated with nitric oxide bioavailability and inflammatory markers in normotensive females. <i>Hypertension Research</i> , 2016, 39, 792-798.	1.5	20

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19	Hindlimb unloading decreases thioredoxin-related antioxidant proteins and increases thioredoxin-binding protein-2 in rat skeletal muscle. <i>Free Radical Research</i> , 2006, 40, 715-722.	1.5	17
20	Effect of Monosodium Glutamate on Saltiness and Palatability Ratings of Low-Salt Solutions in Japanese Adults According to Their Early Salt Exposure or Salty Taste Preference. <i>Nutrients</i> , 2021, 13, 577.	1.7	17
21	Frequency of Soup Intake Is Inversely Associated with Body Mass Index, Waist Circumference, and Waist-to-Hip Ratio, but Not with Other Metabolic Risk Factors in Japanese Men. <i>Journal of the American Dietetic Association</i> , 2011, 111, 137-142.	1.3	16
22	The Effect of the Dried-Bonito Broth on Blood Pressure, 8-Hydroxydeoxyguanosine (8-OHdG), an Oxidative Stress Marker, and Emotional States in Elderly Subjects. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2008, 43, 175-184.	0.6	12
23	Effect of Lifestyle Modification Program Implemented in the Community on Workers' Job Satisfaction. <i>Industrial Health</i> , 2007, 45, 49-55.	0.4	11
24	Decrease in Work Ability Index and sickness absence during the following year: a two-year follow-up study. <i>International Archives of Occupational and Environmental Health</i> , 2017, 90, 883-894.	1.1	11
25	The Effect of Lifestyle Modification on Physical Fitness and Work Ability in Different Workstyles. <i>Journal of UOEH</i> , 2004, 26, 411-421.	0.3	10
26	The Effects of Single Long and Accumulated Short Bouts of Exercise on Cardiovascular Risks in Male Japanese Workers: A Randomized Controlled Study. <i>Industrial Health</i> , 2013, 51, 563-571.	0.4	10
27	Sense of coherence modifies the effect of overtime work on mental health. <i>Journal of Occupational Health</i> , 2015, 57, 297-301.	1.0	10
28	Stretching versus transitory icing: which is the more effective treatment for attenuating muscle fatigue after repeated manual labor?. <i>European Journal of Applied Physiology</i> , 2014, 114, 2617-2623.	1.2	9
29	Sense of coherence is significantly associated with both metabolic syndrome and lifestyle in Japanese computer software office workers. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2014, 27, 967-979.	0.6	9
30	Effects of bench step exercise intervention on work ability in terms of cardiovascular risk factors and oxidative stress: a randomized controlled study. <i>International Journal of Occupational Safety and Ergonomics</i> , 2015, 21, 141-149.	1.1	8
31	Analysis of amino acid profiles of blood over time and biomarkers associated with non-alcoholic steatohepatitis in STAM mice. <i>Experimental Animals</i> , 2019, 68, 417-428.	0.7	8
32	Quantitative verification of the effect of using an umami substance (L-glutamate) to reduce salt intake. <i>Hypertension Research</i> , 2020, 43, 579-581.	1.5	8
33	The relationship between work ability and oxidative stress in Japanese workers. <i>Ergonomics</i> , 2014, 57, 1265-1273.	1.1	5
34	Effects of Lifestyle Modification on an Exaggerated Blood Pressure Response to Exercise in Normotensive Females. <i>American Journal of Hypertension</i> , 2017, 30, 999-1007.	1.0	5
35	An exaggerated blood pressure response to exercise is associated with the dietary sodium, potassium, and antioxidant vitamin intake in normotensive subjects. <i>Clinical and Experimental Hypertension</i> , 2019, 41, 152-159.	0.5	5
36	Feasibility of Low-Sodium, High-Potassium Processed Foods and Their Effect on Blood Pressure in Free-Living Japanese Men: A Randomized, Double-Blind Controlled Trial. <i>Nutrients</i> , 2021, 13, 3497.	1.7	5

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37	Work Improvement Factors for the Amelioration of Work Ability, with a Focus on Individual Capacity to Deal with Stress in an IT Company. <i>Journal of UOEH</i> , 2015, 37, 23-32.	0.3	2
38	EFFECT OF DRIED-BONITO BROTH ON BLOOD PRESSURE IN ELDERLY JAPANESE SUBJECTS: INVOLVEMENT OF OXIDATIVE STRESS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, S82-S84.	0.9	1
39	Quantitative determination and tissue distribution of human 11 β -hydroxysteroid dehydrogenase, hexose-6-phosphate dehydrogenase, glucose-6-phosphate transporter, glucocorticoid receptor and mineralocorticoid receptor mRNAs. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 2, 219-226.	0.3	1
40	Effects of Exercise Therapy Alone and in Combination with a Calcium Channel Blocker or an Angiotensin Receptor Blocker in Hypertensive Patients. <i>Clinical and Experimental Hypertension</i> , 2012, 34, 523-529.	0.5	1
41	Relationship Between Nicotine Dependency and Occupational Injury in a Japanese Large-Scale Manufacturing Enterprise. <i>Journal of Occupational and Environmental Medicine</i> , 2018, 60, e656-e662.	0.9	1
42	Effects of health and nourishment guidance on the participants' health status in a community-based health promotion program. <i>Journal for the Integrated Study of Dietary Habits</i> , 2006, 17, 111-116.	0.0	1
43	Laminar Shear Stress Up-regulates Endothelial CD73 Expression by Activating Calmodulin-dependent Kinase Kinase. <i>FASEB Journal</i> , 2010, 24, 784.16.	0.2	1
44	MPS 02-01 EFFECTS OF LIFESTYLE MODIFICATION ON AN EXAGGERATED BLOOD PRESSURE RESPONSE TO EXERCISE IN NORMOTENSIVE FEMALES. <i>Journal of Hypertension</i> , 2016, 34, e81.	0.3	0
45	Influence of a home-based exercise program on the urine pH in elderly female subjects: a secondary analysis of a randomized controlled trial. <i>European Review of Aging and Physical Activity</i> , 2017, 14, 7.	1.3	0
46	Evaluation of chemical-specific IgG antibodies in male workers from a urethane foam factory. <i>Environmental Health and Preventive Medicine</i> , 2018, 23, 24.	1.4	0
47	Disruption of Intermediate-conductance Calcium-activated Potassium Channels, KCa3.1, Unchanges NO-dependent Relaxations in Mouse Aortas. <i>FASEB Journal</i> , 2009, 23, 952.5.	0.2	0
48	NO negatively regulates cell surface expression of CD73 in sheared endothelial cells. <i>FASEB Journal</i> , 2010, 24, 784.14.	0.2	0
49	Developmental Changes in Food Balance during Breakfast, Lifestyle, and Indefinite Complaints from First Grade to Sixth Grade in Elementary School. <i>The Japanese Journal of Nutrition and Dietetics</i> , 2020, 78, 131-142.	0.1	0