

Kei Hamazaki

List of Publications by Citations

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112
papers

1,595
citations

21
h-index

34
g-index

117
ext. papers

1,964
ext. citations

4.7
avg, IF

4.54
L-index

#	Paper	IF	Citations
112	Suicide attempt and n-3 fatty acid levels in red blood cells: a case control study in China. <i>Biological Psychiatry</i> , 2004 , 56, 490-6	7.9	134
111	Effect of omega-3 fatty acid-containing phospholipids on blood catecholamine concentrations in healthy volunteers: a randomized, placebo-controlled, double-blind trial. <i>Nutrition</i> , 2005 , 21, 705-10	4.8	88
110	Factors influencing EPA+DHA levels in red blood cells in Japan. <i>In Vivo</i> , 2008 , 22, 131-5	2.3	73
109	International Society for Nutritional Psychiatry Research Practice Guidelines for Omega-3 Fatty Acids in the Treatment of Major Depressive Disorder. <i>Psychotherapy and Psychosomatics</i> , 2019 , 88, 263-273	9.4	66
108	Phospholipid profile in the postmortem hippocampus of patients with schizophrenia and bipolar disorder: no changes in docosahexaenoic acid species. <i>Journal of Psychiatric Research</i> , 2010 , 44, 688-93	5.2	58
107	Peritraumatic distress, watching television, and posttraumatic stress symptoms among rescue workers after the Great East Japan earthquake. <i>PLoS ONE</i> , 2012 , 7, e35248	3.7	53
106	Fatty acid composition in the postmortem amygdala of patients with schizophrenia, bipolar disorder, and major depressive disorder. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1024-8	5.2	46
105	Abnormalities in the fatty acid composition of the postmortem entorhinal cortex of patients with schizophrenia, bipolar disorder, and major depressive disorder. <i>Psychiatry Research</i> , 2013 , 210, 346-50	9.9	44
104	Polyunsaturated fatty acid deficiency during neurodevelopment in mice models the prodromal state of schizophrenia through epigenetic changes in nuclear receptor genes. <i>Translational Psychiatry</i> , 2017 , 7, e1229	8.6	44
103	Dietary fish, n-3 polyunsaturated fatty acid consumption, and depression risk in Japan: a population-based prospective cohort study. <i>Translational Psychiatry</i> , 2017 , 7, e1242	8.6	40
102	Relationship between internet addiction and depression among Japanese university students. <i>Journal of Affective Disorders</i> , 2019 , 256, 668-672	6.6	36
101	Fatty acid composition of the postmortem prefrontal cortex of patients with schizophrenia, bipolar disorder, and major depressive disorder. <i>Psychiatry Research</i> , 2015 , 227, 353-9	9.9	35
100	Fish oil for attenuating posttraumatic stress symptoms among rescue workers after the great east Japan earthquake: a randomized controlled trial. <i>Psychotherapy and Psychosomatics</i> , 2012 , 81, 315-7	9.4	33
99	Potential role of brain-derived neurotrophic factor in omega-3 Fatty Acid supplementation to prevent posttraumatic distress after accidental injury: an open-label pilot study. <i>Psychotherapy and Psychosomatics</i> , 2011 , 80, 310-2	9.4	32
98	Education level and risk of postpartum depression: results from the Japan Environment and Children's Study (JECS). <i>BMC Psychiatry</i> , 2019 , 19, 419	4.2	31
97	Docosahexaenoic acid for selective prevention of posttraumatic stress disorder among severely injured patients: a randomized, placebo-controlled trial. <i>Journal of Clinical Psychiatry</i> , 2015 , 76, e1015-22	4.6	28
96	n-3 long-chain FA decrease serum levels of TG and remnant-like particle-cholesterol in humans. <i>Lipids</i> , 2003 , 38, 353-8	1.6	27

95	Effects of omega-3 polyunsaturated fatty acids on psychophysiological symptoms of post-traumatic stress disorder in accident survivors: A randomized, double-blind, placebo-controlled trial. <i>Journal of Affective Disorders</i> , 2017 , 224, 27-31	6.6	25
94	Serum pro-BDNF/BDNF as a treatment biomarker for response to docosahexaenoic acid in traumatized people vulnerable to developing psychological distress: a randomized controlled trial. <i>Translational Psychiatry</i> , 2015 , 5, e596	8.6	24
93	Docosahexaenoic acid is an independent predictor of all-cause mortality in hemodialysis patients. <i>American Journal of Nephrology</i> , 2011 , 33, 105-10	4.6	24
92	Effect of desert dust exposure on allergic symptoms: A natural experiment in Japan. <i>Annals of Allergy, Asthma and Immunology</i> , 2016 , 116, 425-430.e7	3.2	21
91	The effects of docosahexaenoic acid-rich fish oil on behavior, school attendance rate and malaria infection in school children--a double-blind, randomized, placebo-controlled trial in Lampung, Indonesia. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008 , 17, 258-63	1	20
90	A mindfulness-based stress management program and treatment with omega-3 fatty acids to maintain a healthy mental state in hospital nurses (Happy Nurse Project): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 36	2.8	19
89	Fatty acid composition and fatty acid binding protein expression in the postmortem frontal cortex of patients with schizophrenia: A case-control study. <i>Schizophrenia Research</i> , 2016 , 171, 225-32	3.6	18
88	Changes in the association between postpartum depression and mother-infant bonding by parity: Longitudinal results from the Japan Environment and Children's Study. <i>Journal of Psychiatric Research</i> , 2019 , 110, 110-116	5.2	18
87	Effects of physical activity during pregnancy on preterm delivery and mode of delivery: The Japan Environment and Children's Study, birth cohort study. <i>PLoS ONE</i> , 2018 , 13, e0206160	3.7	18
86	Inhibitory effect of 5,8,11-eicosatrienoic acid on angiogenesis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012 , 86, 221-4	2.8	17
85	The depressive effects of 5,8,11-eicosatrienoic Acid (20:3n-9) on osteoblasts. <i>Lipids</i> , 2009 , 44, 97-102	1.6	17
84	Levels of omega-3 fatty acid in serum phospholipids and depression in patients with lung cancer. <i>British Journal of Cancer</i> , 2005 , 93, 1329-33	8.7	17
83	Brief mindfulness-based stress management program for a better mental state in working populations - Happy Nurse Project: A randomized controlled trial. <i>Journal of Affective Disorders</i> , 2019 , 251, 186-194	6.6	16
82	Dietary intake of fish and n-3 polyunsaturated fatty acids and risks of perinatal depression: The Japan Environment and Children's Study (JECS). <i>Journal of Psychiatric Research</i> , 2018 , 98, 9-16	5.2	16
81	Mead acid inhibits the growth of KPL-1 human breast cancer cells in vitro and in vivo. <i>Oncology Reports</i> , 2014 , 32, 1385-94	3.5	15
80	Limited effect of omega-3 fatty acids on the quality of life in survivors of traumatic injury: A randomized, placebo-controlled trial. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017 , 127, 1-5	2.8	14
79	Fatty acid composition of the postmortem corpus callosum of patients with schizophrenia, bipolar disorder, or major depressive disorder. <i>European Psychiatry</i> , 2017 , 39, 51-56	6	14
78	Fish oil reduces tooth loss mainly through its anti-inflammatory effects?. <i>Medical Hypotheses</i> , 2006 , 67, 868-70	3.8	14

77	The Efficacy of Omega-3 Fatty Acids for Depressive Symptoms among Pregnant Women in Japan and Taiwan: A Randomized, Double-Blind, Placebo-Controlled Trial (SYNCHRO; NCT01948596). <i>Psychotherapy and Psychosomatics</i> , 2019 , 88, 122-124	9.4	14
76	Plasma estradiol levels and antidepressant effects of omega-3 fatty acids in pregnant women. <i>Brain, Behavior, and Immunity</i> , 2020 , 85, 29-34	16.6	14
75	High frequency of vitamin D deficiency in current pregnant Japanese women associated with UV avoidance and hypo-vitamin D diet. <i>PLoS ONE</i> , 2019 , 14, e0213264	3.7	13
74	Plasma levels of n-3 fatty acids and risk of coronary heart disease among Japanese: The Japan Public Health Center-based (JPHC) study. <i>Atherosclerosis</i> , 2018 , 272, 226-232	3.1	13
73	Association between blood omega-3 polyunsaturated fatty acids and the gut microbiota among breast cancer survivors. <i>Beneficial Microbes</i> , 2019 , 10, 751-758	4.9	13
72	Understanding the relationship between postpartum depression one month and six months after delivery and mother-infant bonding failure one-year after birth: results from the Japan Environment and Children's study (JECS). <i>Psychological Medicine</i> , 2020 , 50, 161-169	6.9	13
71	Dietary effects of mead acid on -methyl--nitrosourea-induced mammary cancers in female Sprague-Dawley rats. <i>Biomedical Reports</i> , 2016 , 4, 33-39	1.8	12
70	Tachikawa project for prevention of posttraumatic stress disorder with polyunsaturated fatty acid (TPOP): study protocol for a randomized controlled trial. <i>BMC Psychiatry</i> , 2013 , 13, 8	4.2	12
69	Inverse association between docosahexaenoic acid and mortality in patients on hemodialysis during over 10 years. <i>Hemodialysis International</i> , 2014 , 18, 625-31	1.7	12
68	Polyunsaturated fatty acids and blood circulation in the forebrain during a mental arithmetic task. <i>Brain Research</i> , 2011 , 1397, 38-45	3.7	12
67	The relationship between n-3 long-chain polyunsaturated fatty acids and pulse wave velocity in diabetic and non-diabetic patients under long-term hemodialysis. A horizontal study. <i>Clinical Nephrology</i> , 2009 , 71, 508-13	2.1	12
66	Birth cohort study on the effects of desert dust exposure on children's health: protocol of an adjunct study of the Japan Environment & Children's Study. <i>BMJ Open</i> , 2014 , 4, e004863	3	11
65	Effects of cooking plant oils on recurrent aphthous stomatitis: a randomized, placebo-controlled, double-blind trial. <i>Nutrition</i> , 2006 , 22, 534-8	4.8	11
64	Factors of non-responsive or lost-to-follow-up Japanese mothers during the first year post partum following the Japan Environment and Children's Study: a longitudinal cohort study. <i>BMJ Open</i> , 2019 , 9, e031222	3	11
63	Omega-3 fatty acids for a better mental state in working populations - Happy Nurse Project: A 52-week randomized controlled trial. <i>Journal of Psychiatric Research</i> , 2018 , 102, 72-80	5.2	10
62	Change in blood levels of eicosapentaenoic acid and posttraumatic stress symptom: A secondary analysis of data from a placebo-controlled trial of omega3 supplements. <i>Journal of Affective Disorders</i> , 2016 , 205, 289-291	6.6	10
61	The Relationship between Total Blood Cholesterol Levels and All-cause Mortality in Fukui City, and Meta-analysis of This Relationship in Japan. <i>Journal of Lipid Nutrition</i> , 2008 , 17, 67-78	0	10
60	Omega-3 fatty acid supplementation for expectant mothers with depressive symptoms in Japan and Taiwan: An open-label trial. <i>Psychiatry and Clinical Neurosciences</i> , 2016 , 70, 253-4	6.2	10

59	Omega-3 polyunsaturated fatty acids and psychological intervention for workers with mild to moderate depression: A double-blind randomized controlled trial. <i>Journal of Affective Disorders</i> , 2019 , 245, 364-370	6.6	10
58	Fish consumption and depressive symptoms in undergraduate students: A cross-sectional analysis. <i>European Psychiatry</i> , 2015 , 30, 983-7	6	9
57	Mechanisms underlying the effects of n-3 polyunsaturated fatty acids on fear memory processing and their hypothetical effects on fear of cancer recurrence in cancer survivors. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 131, 14-23	2.8	9
56	Serum levels of polyunsaturated fatty acids and the risk of posttraumatic stress disorder. <i>Psychotherapy and Psychosomatics</i> , 2013 , 82, 408-10	9.4	9
55	A multi-national, multi-disciplinary Delphi consensus study on using omega-3 polyunsaturated fatty acids (n-3 PUFAs) for the treatment of major depressive disorder. <i>Journal of Affective Disorders</i> , 2020 , 265, 233-238	6.6	8
54	Serum n-3 polyunsaturated fatty acids and psychological distress in early pregnancy: Adjunct Study of Japan Environment and Children's Study. <i>Translational Psychiatry</i> , 2016 , 6, e737	8.6	8
53	The relationship between tissue RBC n-3 fatty acids and pulse wave velocity. <i>In Vivo</i> , 2006 , 20, 307-10	2.3	8
52	The synchronized trial on expectant mothers with depressive symptoms by omega-3 PUFAs (SYNCHRO): Study protocol for a randomized controlled trial. <i>BMC Psychiatry</i> , 2016 , 16, 321	4.2	7
51	Evaluation of the Acute Sedative Effect of Fragrances Based on a Biochemical Marker. <i>Journal of Essential Oil Research</i> , 2007 , 19, 470-476	2.3	7
50	The impact of exposure to desert dust on infants' symptoms and countermeasures to reduce the effects. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 1435-1445	9.3	7
49	Association of blood cadmium levels in pregnant women with infant birth size and small for gestational age infants: The Japan Environment and Children's study. <i>Environmental Research</i> , 2020 , 191, 110007	7.9	7
48	Maternal dietary intake of fish and PUFAs and child neurodevelopment at 6 months and 1 year of age: a nationwide birth cohort-the Japan Environment and Children's Study (JECS). <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 1295-1303	7	7
47	Factor structure of the Edinburgh Postnatal Depression Scale in the Japan Environment and Children's Study. <i>Scientific Reports</i> , 2020 , 10, 11647	4.9	7
46	Influence of parity and mode of delivery on mother-infant bonding: The Japan Environment and Children's Study. <i>Journal of Affective Disorders</i> , 2020 , 263, 516-520	6.6	6
45	A potential role of fatty acid binding protein 4 in the pathophysiology of autism spectrum disorder. <i>Brain Communications</i> , 2020 , 2, fcaa145	4.5	6
44	The role of high-density lipoprotein cholesterol in risk for posttraumatic stress disorder: taking a nutritional approach toward universal prevention. <i>European Psychiatry</i> , 2014 , 29, 408-13	6	5
43	No effect of a traditional Chinese medicine, Hochu-ekki-to, on antibody titer after influenza vaccination in man: a randomized, placebo-controlled, double-blind trial. <i>Phytomedicine</i> , 2007 , 14, 11-4	6.5	5
42	Omega-3 fatty acid intake during pregnancy and risk of infant maltreatment: a nationwide birth cohort - the Japan Environment and Children's Study. <i>Psychological Medicine</i> , 2021 , 1-10	6.9	5

41	Dietary intake of fish and n-3 polyunsaturated fatty acids and risk of postpartum depression: a nationwide longitudinal study - the Japan Environment and Children's Study (JECS). <i>Psychological Medicine</i> , 2020 , 50, 2416-2424	6.9	5
40	Serum polyunsaturated fatty acids and risk of psychiatric disorder after acute coronary syndrome: A prospective cohort study. <i>Journal of Affective Disorders</i> , 2017 , 218, 306-312	6.6	4
39	Role of Omega-3 Polyunsaturated Fatty Acids in Mental Health-Studies from Japan. <i>Journal of Oleo Science</i> , 2019 , 68, 511-515	1.6	4
38	Is vaccenic acid (18:1t n-7) associated with an increased incidence of hip fracture? An explanation for the calcium paradox. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016 , 109, 8-12	2.8	4
37	Mead acid supplementation does not rescue rats from cataract and retinal degeneration induced by N-methyl-N-nitrosourea. <i>Journal of Toxicologic Pathology</i> , 2015 , 28, 11-20	1.4	3
36	Polyunsaturated Fatty Acids and their Related Enzymes in Postmortem Brain Tissues of Patients with Psychiatric Disorders. <i>Current Psychopharmacology</i> , 2012 , 2, 66-72	0.6	3
35	Dietary intake of fish and EB polyunsaturated fatty acids and physician-diagnosed allergy in Japanese population: The Japan Environment and Children's Study. <i>Nutrition</i> , 2019 , 61, 194-201	4.8	3
34	Differences between Japan and Taiwan in the treatment of pregnant women with depressive symptoms by omega-3 fatty acids: An open-label pilot study. <i>Nutritional Neuroscience</i> , 2019 , 22, 63-71	3.6	3
33	Association of prenatal psychological distress and postpartum depression with varying physical activity intensity: Japan Environment and Children's Study (JECS). <i>Scientific Reports</i> , 2020 , 10, 6390	4.9	3
32	Association between blood polyunsaturated fatty acid levels and depressive symptoms in breast cancer survivors. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 139, 9-13	2.8	3
31	The effect of eicosapentaenoic acid on prostate-specific antigen. <i>In Vivo</i> , 2006 , 20, 397-401	2.3	3
30	Association between vitamin D deficiency and allergic symptom in pregnant women. <i>PLoS ONE</i> , 2019 , 14, e0214797	3.7	2
29	Serum polyunsaturated fatty acids and risk of psychiatric disorder at 6 months after acute coronary syndrome: A prospective cohort study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 149, 18-23	2.8	2
28	Analysis of non-respondent pregnant women who were registered in the Japan Environment and Children's Study: a longitudinal cohort study. <i>BMJ Open</i> , 2019 , 9, e025562	3	2
27	Fear of cancer recurrence among breast cancer survivors could be controlled by prudent dietary modification with polyunsaturated fatty acids. <i>Journal of Affective Disorders</i> , 2019 , 245, 1114-1118	6.6	2
26	Association between maternal fermented food consumption and infant sleep duration: The Japan Environment and Children's Study. <i>PLoS ONE</i> , 2019 , 14, e0222792	3.7	1
25	Mead acid (20:3n-9) and n-3 polyunsaturated fatty acids are not associated with risk of posterior longitudinal ligament ossification: results of a case-control study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 96, 31-6	2.8	1
24	Prospective Association of Air-Purifier Usage during Pregnancy with Infant Neurodevelopment: A Nationwide Longitudinal Study-Japan Environment and Children's Study (JECS). <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1

23	Infant dietary intake of yogurt and cheese and gastroenteritis at 1 year of age: The Japan Environment and Children's Study. <i>PLoS ONE</i> , 2019 , 14, e0223495	3.7	1
22	Causal model of the association of social support during pregnancy with a perinatal and postpartum depressive state: A nationwide birth cohort - the Japan Environment and Children's Study.. <i>Journal of Affective Disorders</i> , 2022 , 300, 540-550	6.6	1
21	Impact of Low Ambient Temperature on the Occurrence of Spontaneous Intracerebral Hemorrhage-Analysis of Population-Based Stroke Registry in Toyama, Japan. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 31, 106156	2.8	1
20	Association between maternal smoking history and congenital anomalies in children: Results from the Japan Environment and Children's Study. <i>Congenital Anomalies (discontinued)</i> , 2021 , 61, 159-168	1.1	1
19	Association of serum n-3 polyunsaturated fatty acids with psychological distress in the second and third trimesters of pregnancy: Adjunct Study of Japan Environment and Children's Study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016 , 114, 21-27	2.8	1
18	Effect estimate of time-varying social support and trust on the physical and mental health of mothers at 2.5 years postpartum: The Japan Environment and Children's Study (JECS). <i>Journal of Epidemiology</i> , 2021 ,	3.4	1
17	Paternal childcare at 6 months and risk of maternal psychological distress at 1 year after delivery: The Japan Environment and Children's Study (JECS). <i>European Psychiatry</i> , 2021 , 64, e38	6	1
16	Maternal exposure to smoking and infant's wheeze and asthma: Japan Environment and Children's Study. <i>Allergology International</i> , 2021 , 70, 445-451	4.4	1
15	Maternal dietary imbalance between omega-6 and omega-3 fatty acids triggers the offspring's overeating in mice. <i>Communications Biology</i> , 2020 , 3, 473	6.7	0
14	Influence of infants' feeding patterns and duration on mothers' postpartum depression: A nationwide birth cohort -The Japan Environment and Children's Study (JECS). <i>Journal of Affective Disorders</i> , 2021 , 285, 152-159	6.6	0
13	Infantile Hemangioma and the Risk Factors in a Japanese Population: A Nationwide Longitudinal Study-The Japan Environment and Children's Study. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2745-2748.e2	4.3	0
12	Plasma phospholipid n-3 polyunsaturated fatty acids and major depressive disorder in Japanese elderly: the Japan Public Health Center-based Prospective Study. <i>Scientific Reports</i> , 2021 , 11, 4003	4.9	0
11	Association of cesarean birth with prevalence of functional constipation in toddlers at 3 years of age: results from the Japan Environment and Children's Study (JECS). <i>BMC Pediatrics</i> , 2021 , 21, 419	2.6	0
10	Prospective association of air purifier use during pregnancy with the neurodevelopment of toddlers in the Japan Environment and Children's Study. <i>Scientific Reports</i> , 2021 , 11, 19454	4.9	0
9	Association between mothers' fish intake during pregnancy and infants' sleep duration: a nationwide longitudinal study-The Japan Environment and Children's Study (JECS). <i>European Journal of Nutrition</i> , 2021 , 61, 679	5.2	0
8	Erratum to [The Role of High-Density Lipoprotein Cholesterol in Risk For Posttraumatic Stress Disorder: Taking a Nutritional Approach Towards Universal Prevention][Eur. Psych. 29 (2014) 408-13]. <i>European Psychiatry</i> , 2015 , 30, 354-354	6	
7	Inhibitory Effects of Mead Acid Supplementation on Acetaminophen-Induced Renal Toxicity in Rats. <i>Journal of Lipid Nutrition</i> , 2020 , 29, 15-25	0	
6	The Fatty Acid Composition of Red Blood Cells in Mildly Demented Dogs and of Commercially Available Dog Foods in Japan. <i>Journal of Lipid Nutrition</i> , 2008 , 17, 163-171	0	

- 5 n-3 Polyunsaturated Fatty Acids and Risk of Prenatal and/or Postnatal Depression. *Journal of Lipid Nutrition*, **2019**, 28, 16 ○
- 4 Suppressive effects of mead acid supplementation on acute liver damage model in rats. *Journal of Lipid Nutrition*, **2020**, 29, 114 ○
- 3 The Fatty Acid Composition of Fish Consumed in Dalian- and Hangzhou-City, China. *Journal of Lipid Nutrition*, **2010**, 19, 103-110 ○
- 2 Impact of peritraumatic distress on posttraumatic stress disorder symptoms at 6 months after acute coronary syndrome: a prospective cohort study. *Hjerte Utbildning*, **2021**, 12, 1854511 5
- 1 Determinant factors behind changes in health-seeking behaviour before and after implementation of universal health coverage in Indonesia.. *BMC Public Health*, **2022**, 22, 952 4.1