

Shih Yi Huang

List of Publications by Year in descending order

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108
papers

3,934
citations

147566

31
h-index

133063

59
g-index

111
all docs

111
docs citations

111
times ranked

4937
citing authors

#	ARTICLE	IF	CITATIONS
1	Omega-3 fatty acids in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2003, 13, 267-271.	0.3	448
2	A Meta-Analytic Review of Polyunsaturated Fatty Acid Compositions in Patients with Depression. <i>Biological Psychiatry</i> , 2010, 68, 140-147.	0.7	439
3	The effects of omega-3 fatty acids monotherapy in Alzheimer's disease and mild cognitive impairment: A preliminary randomized double-blind placebo-controlled study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1538-1544.	2.5	313
4	Omega-3 Fatty Acids for Major Depressive Disorder During Pregnancy. <i>Journal of Clinical Psychiatry</i> , 2008, 69, 644-651.	1.1	249
5	Phospholipase A2 and Cyclooxygenase 2 Genes Influence the Risk of Interferon- γ -Induced Depression by Regulating Polyunsaturated Fatty Acids Levels. <i>Biological Psychiatry</i> , 2010, 67, 550-557.	0.7	160
6	Polyunsaturated fatty acid deficit in patients with bipolar mania. <i>European Neuropsychopharmacology</i> , 2003, 13, 99-103.	0.3	135
7	Omega-3 fatty acids on the forced-swimming test. <i>Journal of Psychiatric Research</i> , 2008, 42, 58-63.	1.5	91
8	A Meta-Analytic Review of Polyunsaturated Fatty Acid Compositions in Dementia. <i>Journal of Clinical Psychiatry</i> , 2012, 73, 1245-1254.	1.1	78
9	Improved haemorrhological properties by Ginkgo biloba extract (Egb 761) in type 2 diabetes mellitus complicated with retinopathy. <i>Clinical Nutrition</i> , 2004, 23, 615-621.	2.3	73
10	Early Enteral Nutrition and Clinical Outcomes of Severe Traumatic Brain Injury Patients in Acute Stage: A Multi-Center Cohort Study. <i>Journal of Neurotrauma</i> , 2012, 29, 75-80.	1.7	63
11	Modulation of Cytokine Secretion by Garlic Oil Derivatives Is Associated with Suppressed Nitric Oxide Production in Stimulated Macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2530-2534.	2.4	62
12	<i>Lactobacillus paracasei</i> PS23 Delays Progression of Age-Related Cognitive Decline in Senescence Accelerated Mouse Prone 8 (SAMP8) Mice. <i>Nutrients</i> , 2018, 10, 894.	1.7	61
13	Omega-3 Fatty Acids Are More Beneficial in the Depressive Phase Than in the Manic Phase in Patients With Bipolar I Disorder. <i>Journal of Clinical Psychiatry</i> , 2005, 66, 1613-1614.	1.1	60
14	Lycopene supplementation attenuated xanthine oxidase and myeloperoxidase activities in skeletal muscle tissues of rats after exhaustive exercise. <i>British Journal of Nutrition</i> , 2005, 94, 595-601.	1.2	59
15	<i>Lactobacillus paracasei</i> PS23 decelerated age-related muscle loss by ensuring mitochondrial function in SAMP8 mice. <i>Aging</i> , 2019, 11, 756-770.	1.4	52
16	Omega-3 Fatty Acids for Depression in Pregnancy. <i>American Journal of Psychiatry</i> , 2003, 160, 385-385.	4.0	49
17	Role of a Janus kinase 2-dependent signaling pathway in platelet activation. <i>Thrombosis Research</i> , 2014, 133, 1088-1096.	0.8	47
18	One-year soy isoflavone supplementation prevents early postmenopausal bone loss but without a dose-dependent effect. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 509-517.	1.9	46

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19	Carotenoids suppress proliferating cell nuclear antigen and cyclin D1 expression in oral carcinogenic models. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 667-675.	1.9	46
20	Lifelong inorganic arsenic compounds consumption affected blood pressure in rats. <i>Food and Chemical Toxicology</i> , 2007, 45, 2479-2487.	1.8	45
21	Associations between n [~] 3 PUFA concentrations and cognitive function after recovery from late-life depression. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 420-427.	2.2	42
22	Clinical association between the metabolite of healthy gut microbiota, 3-indolepropionic acid and chronic kidney disease. <i>Clinical Nutrition</i> , 2019, 38, 2945-2948.	2.3	42
23	A high linoleic acid diet exacerbates metabolic responses and gut microbiota dysbiosis in obese rats with diabetes mellitus. <i>Food and Function</i> , 2019, 10, 786-798.	2.1	41
24	Hinokitiol inhibits platelet activation ex vivo and thrombus formation in vivo. <i>Biochemical Pharmacology</i> , 2013, 85, 1478-1485.	2.0	38
25	Melatonergic agonist regulates circadian clock genes and peripheral inflammatory and neuroplasticity markers in patients with depression and anxiety. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 142-151.	2.0	38
26	Weight loss and body fat reduction under sibutramine therapy in obesity with the C825T polymorphism in the GNB3 gene. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 730-733.	0.7	37
27	A novel role of sesamol in inhibiting NF- κ B-mediated signaling in platelet activation. <i>Journal of Biomedical Science</i> , 2011, 18, 93.	2.6	35
28	Prevention of arterial thrombosis by nobiletin: in vitro and in vivo studies. <i>Journal of Nutritional Biochemistry</i> , 2016, 28, 1-8.	1.9	35
29	Omega-3 fatty acids as a psychotherapeutic agent for a pregnant schizophrenic patient. <i>European Neuropsychopharmacology</i> , 2001, 11, 295-299.	0.3	33
30	Are omega3 Fatty Acids Beneficial in Depression but Not Mania?. <i>Archives of General Psychiatry</i> , 2000, 57, 716-717.	13.8	33
31	Reduced medication use and improved pulmonary function with supplements containing vegetable and fruit concentrate, fish oil and probiotics in asthmatic school children: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2013, 110, 145-155.	1.2	32
32	A calorie-restriction diet supplemented with fish oil and high-protein powder is associated with reduced severity of metabolic syndrome in obese women. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 322-328.	1.3	32
33	Skin pretreatment with lasers promotes the transdermal delivery of vitamin C derivatives. <i>Lasers in Medical Science</i> , 2011, 26, 369-376.	1.0	31
34	Fractional Carbon Dioxide Laser Treatment to Enhance Skin Permeation of Ascorbic Acid 2-Glucoside with Minimal Skin Disruption. <i>Dermatologic Surgery</i> , 2012, 38, 1284-1293.	0.4	30
35	Associations of polyunsaturated fatty acids with residual depression or anxiety in older people with major depression. <i>Journal of Affective Disorders</i> , 2012, 136, 918-925.	2.0	30
36	Polyunsaturated fatty acids and inflammatory markers in major depressive episodes during pregnancy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 273-278.	2.5	30

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37	Pharmacokinetic model of daily selenium intake from contaminated seafood in Taiwan. <i>Science of the Total Environment</i> , 2003, 311, 57-64.	3.9	28
38	Apnea-hypopnea index in nonobese women with polycystic ovary syndrome. <i>International Journal of Gynecology and Obstetrics</i> , 2009, 105, 226-229.	1.0	28
39	Antidepressant-like effects of <i>Perilla frutescens</i> seed oil during a forced swimming test. <i>Food and Function</i> , 2014, 5, 990.	2.1	28
40	Basic Characteristics of <i>Sporolactobacillus inulinus</i> BCRC 14647 for Potential Probiotic Properties. <i>Current Microbiology</i> , 2007, 54, 396-404.	1.0	26
41	Reproducibility and Repeatability of Computer Tomography-based Measurement of Abdominal Subcutaneous and Visceral Adipose Tissues. <i>Scientific Reports</i> , 2017, 7, 40389.	1.6	26
42	Causal relationships between adiposity and childhood asthma: bi-directional Mendelian Randomization analysis. <i>International Journal of Obesity</i> , 2019, 43, 73-81.	1.6	26
43	Characteristics of endogenous \hat{I}^3 -aminobutyric acid (GABA) in human platelets: functional studies of a novel collagen glycoprotein VI inhibitor. <i>Journal of Molecular Medicine</i> , 2014, 92, 603-614.	1.7	23
44	Dietary Profiles, Nutritional Biochemistry Status, and Attention-Deficit/Hyperactivity Disorder: Path Analysis for a Case-Control Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 709.	1.0	23
45	Nutrient Intake through Childhood and Early Menarche Onset in Girls: Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020, 12, 2544.	1.7	22
46	Effects of polyunsaturated fatty acids on psychiatric disorders. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 1241.	2.2	20
47	Anti-Oxidative Effects of Melatonin Receptor Agonist and Omega-3 Polyunsaturated Fatty Acids in Neuronal SH-SY5Y Cells: Deciphering Synergic Effects on Anti-Depressant Mechanisms. <i>Molecular Neurobiology</i> , 2018, 55, 7271-7284.	1.9	20
48	Fish Oil, but Not Olive Oil, Ameliorates Depressive-Like Behavior and Gut Microbiota Dysbiosis in Rats under Chronic Mild Stress. <i>Biomolecules</i> , 2019, 9, 516.	1.8	20
49	Acute administration of red yeast rice (<i>Monascus purpureus</i>) depletes tissue coenzyme Q10 levels in ICR mice. <i>British Journal of Nutrition</i> , 2005, 93, 131-135.	1.2	19
50	A novel role for tamoxifen in the inhibition of human platelets. <i>Translational Research</i> , 2011, 157, 81-91.	2.2	19
51	Transculturalization of a Diabetes-Specific Nutrition Algorithm: Asian Application. <i>Current Diabetes Reports</i> , 2012, 12, 213-219.	1.7	19
52	Multidrug resistance protein 4 (MRP4/ABCC4) regulates thrombus formation in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2014, 737, 159-167.	1.7	19
53	Anti-inflammatory and hypoglycemic efficacy of <i>Poria cocos</i> and <i>Dioscorea opposita</i> in prediabetes mellitus rats. <i>RSC Advances</i> , 2014, 4, 55649-55657.	1.7	17
54	Inhibitory effect of PDGF-BB and serum-stimulated responses in vascular smooth muscle cell proliferation by hinokitiol via up-regulation of p21 and p53. <i>Archives of Medical Science</i> , 2018, 14, 579-587.	0.4	17

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55	Serum ferritin levels and polycystic ovary syndrome in obese and nonobese women. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 403-407.	0.5	16
56	<i>Lactobacillus paracasei</i> PS23 Effectively Modulates Gut Microbiota Composition and Improves Gastrointestinal Function in Aged SAMP8 Mice. <i>Nutrients</i> , 2021, 13, 1116.	1.7	16
57	Effect of the Common -866G/A Polymorphism of the Uncoupling Protein 2 Gene on Weight Loss and Body Composition under Sibutramine Therapy in an Obese Taiwanese Population. <i>Molecular Diagnosis and Therapy</i> , 2010, 14, 101-106.	1.6	15
58	Effects of calorie restriction with n-3 long-chain polyunsaturated fatty acids on metabolic syndrome severity in obese subjects: A randomized-controlled trial. <i>Journal of Functional Foods</i> , 2015, 19, 929-940.	1.6	15
59	Risk of skin cancer in patients on chronic haemodialysis: a nationwide, population-based study in Taiwan. <i>British Journal of Dermatology</i> , 2016, 175, 1175-1182.	1.4	15
60	n-3 polyunsaturated fatty acids prevent D-galactose-induced cognitive deficits in prediabetic rats. <i>Food and Function</i> , 2018, 9, 2228-2239.	2.1	15
61	Low dietary n-6/n-3 polyunsaturated fatty acid ratio prevents induced oral carcinoma in a hamster pouch model. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 136, 67-75.	1.0	14
62	A case-control study in Taiwanese cohort and meta-analysis of serum ferritin in pancreatic cancer. <i>Scientific Reports</i> , 2021, 11, 21242.	1.6	14
63	Deleted Mitochondrial DNA in Human Luteinized Granulosa Cells. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 136-141.	1.8	13
64	Generation and characterization of anti-Î±-enolase single-chain antibodies in chicken. <i>Veterinary Immunology and Immunopathology</i> , 2010, 137, 251-260.	0.5	12
65	Transcription factor HBP1 is a direct anti-cancer target of transcription factor FOXO1 in invasive oral cancer. <i>Oncotarget</i> , 2017, 8, 14537-14548.	0.8	12
66	Fish oil ameliorates neuropsychiatric behaviors and gut dysbiosis by elevating selected microbiota-derived metabolites and tissue tight junctions in rats under chronic sleep deprivation. <i>Food and Function</i> , 2022, 13, 2662-2680.	2.1	12
67	Omega-3 polyunsaturated fatty acids for postpartum depression. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 582-583.	0.7	11
68	Hypoalbuminemia in drug-free patients with major depressive disorder compared with a dietary matched control group: a clinical meaning beyond malnutrition. <i>European Neuropsychopharmacology</i> , 2005, 15, 227-230.	0.3	11
69	Taurine supplementation improves the utilization of sulfur-containing amino acids in rats continually administered alcohol. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 132-139.	1.9	11
70	Cholesterol, depression and suicide. <i>British Journal of Psychiatry</i> , 2000, 176, 399-399.	1.7	10
71	Effects of Gonadotrophin-Releasing Hormone Agonists on Apoptosis of Granulosa Cells. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 531-537.	1.8	10
72	A common variant in the adiponectin gene on weight loss and body composition under sibutramine therapy in obesity. <i>Clinical Pharmacology: Advances and Applications</i> , 2010, 2, 105.	0.8	10

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73	Hyperhomocysteinaemia is associated with biochemical hyperandrogenaemia in women with reproductive age. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 171, 314-318.	0.5	10
74	Xanthohumol from <i>Humulus lupulus</i> L. induces glioma cell autophagy via inhibiting Akt/mTOR/S6K pathway. <i>Journal of Functional Foods</i> , 2015, 18, 538-549.	1.6	10
75	Haptoglobin phenotype influences the effectiveness of diet-induced weight loss in middle-age abdominally obese women with metabolic abnormalities. <i>Clinical Nutrition</i> , 2020, 39, 225-233.	2.3	10
76	Eicosapentaenoic Acid Inhibits KRAS Mutant Pancreatic Cancer Cell Growth by Suppressing Hepassocin Expression and STAT3 Phosphorylation. <i>Biomolecules</i> , 2021, 11, 370.	1.8	10
77	The efficacy of blueberry and grape seed extract combination on triple therapy for <i>Helicobacter pylori</i> eradication: a randomised controlled trial. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 177-183.	1.3	9
78	n-3 PUFA and caloric restriction diet alters lipidomic profiles in obese men with metabolic syndrome: a preliminary open study. <i>European Journal of Nutrition</i> , 2020, 59, 3103-3112.	1.8	8
79	Development and Validation of Clinical Diagnostic Model for Girls with Central Precocious Puberty: Machine-learning Approaches. <i>PLoS ONE</i> , 2022, 17, e0261965.	1.1	8
80	Effects of Glucose and α -Tocopherol on Low-Density Lipoprotein Oxidation and Glycation. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 294-302.	1.8	7
81	Pathological brain lesions in girls with central precocious puberty at initial diagnosis in Southern Vietnam. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2022, 27, 105-112.	0.8	7
82	N-3 PUFA Ameliorates the Gut Microbiota, Bile Acid Profiles, and Neuropsychiatric Behaviours in a Rat Model of Geriatric Depression. <i>Biomedicines</i> , 2022, 10, 1594.	1.4	7
83	Effects of consecutive high-dose alcohol administration on the utilization of sulfur-containing amino acids by rats. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 45-50.	1.9	6
84	Genetic Variations of Ionotropic Glutamate Receptor Pathways on Interferon- α -induced Depression in Patients with Hepatitis C Viral Infection. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 16-22.	2.0	6
85	Clinical and biochemical characteristics of women with menstrual disturbance. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014, 53, 178-182.	0.5	5
86	Fatty acid components in Asian female patients with irritable bowel syndrome. <i>Medicine (United States)</i> , 2010, 89, 1075-1080.	0.4	5
87	Degree of lipid saturation affects depressive-like behaviour and gut microbiota in mice. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 440-452.	1.3	5
88	Betulinic Acid Affects the Energy-Related Proteomic Profiling in Pancreatic Ductal Adenocarcinoma Cells. <i>Molecules</i> , 2021, 26, 2482.	1.7	5
89	High-dose ferric citrate supplementation attenuates omega-3 polyunsaturated fatty acid biosynthesis via downregulating delta 5 and 6 desaturases in rats with high-fat diet-induced obesity. <i>Food and Function</i> , 2021, 12, 11819-11828.	2.1	5
90	Methionine synthase 2756AA polymorphism is associated with the risk of cognitive impairment in patients with late-life depression. <i>Asia-Pacific Psychiatry</i> , 2017, 9, e12242.	1.2	4

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91	Effects of calorie restriction plus fish oil supplementation on abnormal metabolic characteristics and the iron status of middle-aged obese women. <i>Food and Function</i> , 2018, 9, 1152-1162.	2.1	4
92	A Moderate Interleukin-6 Reduction, Not a Moderate Weight Reduction, Improves the Serum Iron Status in Diet-Induced Weight Loss with Fish Oil Supplementation. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800243.	1.5	4
93	Relationship Between Elevated Hair Mercury Levels, Essential Element Status, and Metabolic Profile in Overweight and Obese Adults. <i>Biological Trace Element Research</i> , 2020, 199, 2874-2881.	1.9	4
94	Predictive Genetic Variations in the Kynurenine Pathway for Interferon- γ -Induced Depression in Patients with Hepatitis C Viral Infection. <i>Journal of Personalized Medicine</i> , 2021, 11, 192.	1.1	4
95	Lipid Abnormalities Induced by Novel Antipsychotic Drugs. <i>Drug Safety</i> , 2001, 24, 1017-1018.	1.4	4
96	Genetic polymorphisms of FADS1, FADS2, and FADS3 and fatty acid profiles in subjects received methadone maintenance therapy. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 136, 117-121.	1.0	3
97	n-3 Polyunsaturated fatty acids ameliorate cognitive age-related impairments and depressive behaviour in unchallenged aged prediabetic rats. <i>Journal of Functional Foods</i> , 2015, 19, 522-536.	1.6	2
98	Platonin, a Cyanine Photosensitizing Dye, Ameliorates Inflammatory Responses in Vascular Smooth Muscle Cells by Modulating Inflammatory Transcription Factors. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1130.	1.3	2
99	New Insights into Depressive Disorder with Respect to Low-Grade Inflammation and Fish Oil Intake. <i>Journal of Oleo Science</i> , 2021, 70, 1539-1550.	0.6	2
100	Fat-Free Mass and Skeletal Muscle Mass Gain Are Associated with Diabetes Remission after Laparoscopic Sleeve Gastrectomy in Males but Not in Females. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 978.	1.2	2
101	β -Glucan, but not <i>Lactobacillus plantarum</i> P-8, inhibits lipid accumulation through selected lipid metabolic enzymes in obese rats. <i>Journal of Food Biochemistry</i> , 2017, 41, e12336.	1.2	1
102	Dietary Profiles, Nutritional Biochemistry Status, and Attention-deficit/hyperactivity Disorder: Path Analysis for a Case-control Study (P18-106-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz039.P18-106-19.	0.1	1
103	Effects of Caloric Restriction with Protein Supplementation on Plasma Protein Profiles in Middle-Aged Women with Metabolic Syndrome—A Preliminary Open Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 195.	1.0	1
104	n-3 fatty acid supplementation in asthma management: A systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3042-3046.	2.7	1
105	The immunomodulatory effects of long-term supplementation with <i>Lactobacillus casei</i> Shirota depend on ovalbumin presentation in BALB/c mice. <i>Scientific Reports</i> , 2021, 11, 19478.	1.6	0
106	The Role of n-3 Long Chain Polyunsaturated Fatty Acids in Cognitive Function. , 2011, , 23-38.		0
107	HMG box-containing protein 1 (HBP1) as a downstream signaling effector of EGFR in oral cancer. <i>FASEB Journal</i> , 2013, 27, 835.8.	0.2	0
108	Evaluation of essential metal levels in subcutaneous and visceral adipose tissue samples from patients with morbid obesity: a pilot study. <i>Problems of Biological Medical and Pharmaceutical Chemistry</i> , 2021, 24, 52-56.	0.0	0