Yanjun Liu

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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.

98
papers
1,052
citations
h-index

104
ext. papers

1,375
ext. citations

1,375
avg, IF

27
g-index
4.4
L-index

#	Paper	IF	Citations
98	Eicosapentaenoic acid-enriched phospholipid ameliorates insulin resistance and lipid metabolism in diet-induced-obese mice. <i>Lipids in Health and Disease</i> , 2013 , 12, 109	4.4	90
97	Antioxidant and melanogenesis-inhibitory activities of collagen peptide from jellyfish (Rhopilema esculentum). <i>Journal of the Science of Food and Agriculture</i> , 2009 , 89, 1722-1727	4.3	66
96	Comparative study of DHA-enriched phospholipids and EPA-enriched phospholipids on metabolic disorders in diet-induced-obese C57BL/6J mice. <i>European Journal of Lipid Science and Technology</i> , 2014 , 116, 255-265	3	50
95	Fucoidan from sea cucumber may improve hepatic inflammatory response and insulin resistance in mice. <i>International Immunopharmacology</i> , 2016 , 31, 15-23	5.8	39
94	Eicosapentaenoic acid-enriched phospholipids improve atherosclerosis by mediating cholesterol metabolism. <i>Journal of Functional Foods</i> , 2017 , 32, 90-97	5.1	38
93	Structure characterization and antitumor activity of the extracellular polysaccharide from the marine fungus Hansfordia sinuosae. <i>Carbohydrate Polymers</i> , 2018 , 190, 87-94	10.3	33
92	Fucoidan from sea cucumber Cucumaria frondosa exhibits anti-hyperglycemic effects in insulin resistant mice via activating the PI3K/PKB pathway and GLUT4. <i>Journal of Bioscience and Bioengineering</i> , 2016 , 121, 36-42	3.3	30
91	Phosphorylated Peptides from Antarctic Krill (Euphausia superba) Prevent Estrogen Deficiency Induced Osteoporosis by Inhibiting Bone Resorption in Ovariectomized Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 9550-7	5.7	30
90	A novel low molecular weight Enteromorpha polysaccharide-iron (III) complex and its effect on rats with iron deficiency anemia (IDA). <i>International Journal of Biological Macromolecules</i> , 2018 , 108, 412-418	₃ 7.9	30
89	Inhibitory effect of fucosylated chondroitin sulfate from the sea cucumber Acaudina molpadioides on adipogenesis is dependent on Wnt/Etatenin pathway. <i>Journal of Bioscience and Bioengineering</i> , 2015 , 119, 85-91	3.3	23
88	Eicosapentaenoic acid-enriched phosphatidylcholine isolated from Cucumaria frondosa exhibits anti-hyperglycemic effects via activating phosphoinositide 3-kinase/protein kinase B signal pathway. <i>Journal of Bioscience and Bioengineering</i> , 2014 , 117, 457-63	3.3	23
87	Antioxidation activities of low-molecular-weight gelatin hydrolysate isolated from the sea cucumber Stichopus japonicus. <i>Journal of Ocean University of China</i> , 2010 , 9, 94-98	1	22
86	Identification of a novel phospholipase D with high transphosphatidylation activity and its application in synthesis of phosphatidylserine and DHA-phosphatidylserine. <i>Journal of Biotechnology</i> , 2017 , 249, 51-58	3.7	21
85	Gastric Protective Activities of Sea Cucumber Fucoidans with Different Molecular Weight and Chain Conformations: A Structure-Activity Relationship Investigation. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 8615-8622	5.7	20
84	Eicosapentaenoic acid-containing phosphatidylcholine alleviated lipid accumulation in orotic acid-induced non-alcoholic fatty liver. <i>Journal of Functional Foods</i> , 2016 , 23, 294-305	5.1	19
83	Structure characterization of low molecular weight sulfate Ulva polysaccharide and the effect of its derivative on iron deficiency anemia. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 747-	754	19
82	Mechanism of Phospholipid Hydrolysis for Oyster Crassostrea plicatula Phospholipids During Storage Using Shotgun Lipidomics. <i>Lipids</i> , 2017 , 52, 1045-1058	1.6	18

(2018-2019)

81	Hypoglycemic activity and mechanism of the sulfated rhamnose polysaccharides chromium(III) complex in type 2 diabetic mice. <i>Bioorganic Chemistry</i> , 2019 , 88, 102942	5.1	17
80	Sialoglycoproteins prepared from the eggs of Carassius auratus prevent bone loss by inhibiting the NF-B pathway in ovariectomized rats. <i>Food and Function</i> , 2016 , 7, 704-12	6.1	17
79	A rapid quantitative method for polysaccharides in green tea and oolong tea. <i>European Food Research and Technology</i> , 2008 , 226, 691-696	3.4	17
78	Sialoglycoprotein Isolated from Eggs of Carassius auratus Ameliorates Osteoporosis: An Effect Associated with Regulation of the Wnt/ECatenin Pathway in Rodents. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2875-82	5.7	17
77	Sialoglycoprotein isolated from the eggs of Gadus morhua enhances fracture healing in osteoporotic mice. <i>Food and Function</i> , 2017 , 8, 1094-1104	6.1	16
76	Renoprotective effect of fucoidan from Acaudina molpadioides in streptozotocin/high fat diet-induced type 2 diabetic mice. <i>Journal of Functional Foods</i> , 2017 , 31, 123-130	5.1	16
75	Preparation and anti-osteoporotic activities in vivo of phosphorylated peptides from Antarctic krill (Euphausia superba). <i>Peptides</i> , 2015 , 68, 239-45	3.8	16
74	Purification and identification of 亞B linked sialoglycoprotein and 亞B linked sialoglycoprotein in edible bird国 nest. <i>European Food Research and Technology</i> , 2015 , 240, 389-397	3.4	14
73	Ameliorative effect of vanadyl(IV)-ascorbate complex on high-fat high-sucrose diet-induced hyperglycemia, insulin resistance, and oxidative stress in mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 32, 155-61	4.1	14
72	Determination of trace vanadium in sea cucumbers by ultrasound-assisted cloud point extraction and graphite furnace atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 95, 258-270	1.8	14
71	Vanadium-binding protein from vanadium-enriched sea cucumber Apostichopus japonicus inhibits adipocyte differentiation through activating WNT/Eatenin pathway. <i>Journal of Functional Foods</i> , 2015 , 17, 504-513	5.1	13
70	Antarctic Krill Oil improves articular cartilage degeneration via activating chondrocyte autophagy and inhibiting apoptosis in osteoarthritis mice. <i>Journal of Functional Foods</i> , 2018 , 46, 413-422	5.1	13
69	Hydrophilic Astaxanthin: PEGylated Astaxanthin Fights Diabetes by Enhancing the Solubility and Oral Absorbability. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 3649-3655	5.7	12
68	Sialoglycoprotein isolated from the eggs of Carassius auratus prevents bone loss: an effect associated with the regulation of gut microbiota in ovariectomized rats. <i>Food and Function</i> , 2016 , 7, 470	54 : 477	1 ¹²
67	Eicosapentaenoic Acid-Enriched Phosphatidylcholine Attenuated Hepatic Steatosis Through Regulation of Cholesterol Metabolism in Rats with Nonalcoholic Fatty Liver Disease. <i>Lipids</i> , 2017 , 52, 119-127	1.6	10
66	Preparation of Triacylglycerols Enriched in DHA from Single Cell Glycerides via Molecular Distillation and Enzymatic Glycerolysis. <i>Journal of Aquatic Food Product Technology</i> , 2015 , 24, 796-806	1.6	10
65	Long-term fatty liver-induced insulin resistance in orotic acid-induced nonalcoholic fatty liver rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016 , 80, 735-43	2.1	9
64	Neuritogenic effect of sea cucumber glucocerebrosides on NGF-induced PC12 cells via activation of the TrkA/CREB/BDNF signalling pathway. <i>Journal of Functional Foods</i> , 2018 , 46, 175-184	5.1	9

63	Enzymatic synthesis of lysophosphatidylcholine with n-3 polyunsaturated fatty acid from sn-glycero-3-phosphatidylcholine in a solvent-free system. <i>Food Chemistry</i> , 2017 , 226, 165-170	8.5	8
62	Long-chain bases from sea cucumber mitigate endoplasmic reticulum stress and inflammation in obesity mice. <i>Journal of Food and Drug Analysis</i> , 2017 , 25, 628-636	7	8
61	Arsenic Speciation of Edible Shrimp by High-Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry (HPLC-ICP-MS): Method Development and Health Assessment. Analytical Letters, 2019, 52, 2266-2282	2.2	8
60	Peptides from Antarctic Krill (Euphausia superba) Improve Osteoarthritis via Inhibiting HIF-2HMediated Death Receptor Apoptosis and Metabolism Regulation in Osteoarthritic Mice. Journal of Agricultural and Food Chemistry, 2019 , 67, 3125-3133	5.7	8
59	Effect of thermal processing towards lipid oxidation and non-enzymatic browning reactions of Antarctic krill (Euphausia superba) meal. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 5257-5	268	8
58	Long-chain bases from inhibit adipogenesis and regulate lipid metabolism in 3T3-L1 adipocytes. <i>Food Science and Biotechnology</i> , 2016 , 25, 1753-1760	3	8
57	Fucoidan from protects pancreatic islet against cell apoptosis via inhibition of inflammation in type 2 diabetic mice. <i>Food Science and Biotechnology</i> , 2016 , 25, 293-300	3	8
56	Oil from Antarctic krill () facilitates bone formation in dexamethasone-treated mice. <i>Food Science and Biotechnology</i> , 2019 , 28, 539-545	3	8
55	Eicosapentaenoic acid-containing phosphatidylcholine promotes osteogenesis:mechanism of up-regulating Runx2 and ERK-mediated phosphorylation of PPARlat serine 112. <i>Journal of Functional Foods</i> , 2019 , 52, 73-80	5.1	8
54	Assessment of total and organic vanadium levels and their bioaccumulation in edible sea cucumbers: tissues distribution, inter-species-specific, locational differences and seasonal variations. <i>Environmental Geochemistry and Health</i> , 2016 , 38, 111-22	4.7	7
53	Fucoidan isolated from the sea cucumber Acaudina molpadioides improves insulin resistance in adipocytes via activating PKB/GLUT4 pathway. <i>European Food Research and Technology</i> , 2015 , 240, 753-	7 61	7
52	Enrichment, Distribution of Vanadium-Containing Protein in Vanadium-Enriched Sea Cucumber Apostichopus japonicus and the Ameliorative Effect on Insulin Resistance. <i>Biological Trace Element Research</i> , 2016 , 171, 167-75	4.5	7
51	Exogenous natural EPA-enriched phosphatidylcholine and phosphatidylethanolamine ameliorate lipid accumulation and insulin resistance activation of PPAR in mice. Food and Function, 2020, 11, 8248-	82 5 8	7
50	The opposite effects of Antarctic krill oil and arachidonic acid-rich oil on bone resorption in ovariectomized mice. <i>Food and Function</i> , 2020 , 11, 7048-7060	6.1	7
49	Effects of Edible Oils with Different n-6/n-3 PUFA Ratios on Articular Cartilage Degeneration via Regulating the NF- B Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 12641-126	5 0 ⁷	6
48	Green Synthesis of Oxovanadium(IV)/chitosan Nanocomposites and Its Ameliorative Effect on Hyperglycemia, Insulin Resistance, and Oxidative Stress. <i>Biological Trace Element Research</i> , 2016 , 169, 310-9	4.5	5
47	Peptides from Antarctic krill (Euphausia superba) ameliorate senile osteoporosis via activating osteogenesis related BMP2/Smads and Wnt/Etatenin pathway. <i>Journal of Food Biochemistry</i> , 2017 , 41, e12381	3.3	5
46	Effect and potential mechanism of action of sea cucumber saponins on postprandial blood glucose in mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016 , 80, 1081-7	2.1	5

(2021-2018)

45	Reaction Specificity of Phospholipase D Prepared from Acinetobacter radioresistens a2 in Transphosphatidylation. <i>Lipids</i> , 2018 , 53, 517-526	1.6	5
44	Hpyerglycemic effect of a mixture of sea cucumber and cordyceps sinensis in streptozotocin-induced diabetic rat. <i>Journal of Ocean University of China</i> , 2014 , 13, 271-277	1	5
43	Production of Structured Triacylglycerols Containing Palmitic Acids at sn-2 Position and Docosahexaenoic Acids at sn-1, 3 Positions. <i>Journal of Oleo Science</i> , 2015 , 64, 1227-34	1.6	5
42	The effects of fucosylated chondroitin sulfate isolated from Isostichopus badionotus on antimetastatic activity via down-regulation of Hif-1\(\text{B}\)nd Hpa. Food Science and Biotechnology, 2014 , 23, 1643-1651	3	5
41	Preparation and effects on neuronal nutrition of plasmenylethonoamine and plasmanylcholine from the mussel. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020 , 84, 380-392	2.1	5
40	YRL577 ameliorates markers of non-alcoholic fatty liver and alters expression of genes within the intestinal bile acid pathway. <i>British Journal of Nutrition</i> , 2021 , 125, 521-529	3.6	5
39	Egg oil from alleviates insulin resistance through activation of insulin signaling in mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 1081-1088	3	4
38	Sialoglycoprotein isolated from eggs of Carassius auratus promotes fracture healing in osteoporotic mice. <i>Journal of Food and Drug Analysis</i> , 2018 , 26, 716-724	7	4
37	Phosphorylated peptides from Antarctic Krill (Euphausia superba) improve fracture healing in mice with ovariectomy induced osteoporosis. <i>Journal of Food Biochemistry</i> , 2017 , 41, e12408	3.3	4
36	Plasmalogen attenuates the development of hepatic steatosis and cognitive deficit through mechanism involving p75NTR inhibition. <i>Redox Biology</i> , 2021 , 43, 102002	11.3	4
35	Sialoglycoprotein from eggs improve high bone turnover activity via down-regulating BMP-2/Smads and Wnt/Etatenin signal pathways. <i>Food Science and Biotechnology</i> , 2018 , 27, 1455-1465	3	4
34	Antarctic krill oil promotes longitudinal bone growth in adolescent male mice. <i>Food Bioscience</i> , 2019 , 28, 170-176	4.9	3
33	Sialoglycoprotein isolated from Carassius auratus eggs promotes osteogenesis by stimulating mesenchymal stem cells to commit to osteoblast differentiation. <i>Cell and Tissue Research</i> , 2019 , 376, 365-376	4.2	3
32	A Novel Sialoglycopeptide from Eggs Prevents Liver Fibrosis Induced by CCl via Downregulating FXR/FGF15 and TLR4/TGF- Smad Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 13093	-∱ 3 ∕101	3
31	© Carrageenan Tetrasaccharide from © Carrageenan Inhibits Islet © cell Apoptosis Via the Upregulation of GLP-1 to Inhibit the Mitochondrial Apoptosis Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 212-222	5.7	3
30	Isolation and Characterization of a Novel Sialoglycopeptide Promoting Osteogenesis from Eggs. <i>Molecules</i> , 2019 , 25,	4.8	3
29	Maternal diet with sea urchin gangliosides promotes neurodevelopment of young offspring enhancing NGF and BDNF expression. <i>Food and Function</i> , 2020 , 11, 9912-9923	6.1	3
28	Structure-function relationship analysis of fucoidan from sea cucumber (Holothuria tubulosa) on ameliorating metabolic inflammation. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13500	3.3	3

27	A low proportion n-6/n-3 PUFA diet supplemented with Antarctic krill () oil protects against osteoarthritis by attenuating inflammation in ovariectomized mice. <i>Food and Function</i> , 2021 , 12, 6766-6	775	3
26	Docosahexaenoic acid-containing phosphatidylcholine induced osteoblastic differentiation by modulating key transcription factors. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12661	3.3	3
25	Comparative Study of DHA with Different Molecular Forms for Ameliorating Osteoporosis by Promoting Chondrocyte-to-Osteoblast Transdifferentiation in the Growth Plate of Ovariectomized Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 10562-10571	5.7	3
24	Novel ECarrageenan Tetrasaccharide Alleviates Liver Lipid Accumulation via the Bile Acid-FXR-SHP/PXR Pathway to Regulate Cholesterol Conversion and Fatty Acid Metabolism in Insulin-Resistant Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 9813-9821	5.7	3
23	DHA/EPA-Enriched Phosphatidylcholine Suppresses Tumor Growth and Metastasis via Activating Peroxisome Proliferator-Activated Receptor In Lewis Lung Cancer Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 676-685	5.7	3
22	The exogenous natural phospholipids, EPA-PC and EPA-PE, contribute to ameliorate inflammation and promote macrophage polarization. <i>Food and Function</i> , 2020 , 11, 6542-6551	6.1	2
21	Lipid Degradation During Salt-Fermented Antarctic Krill Paste Processing and Their Relationship With Lipase and Phospholipase Activities. <i>European Journal of Lipid Science and Technology</i> , 2018 , 120, 1700443	3	2
20	Comparison of Different Molecular Forms of Astaxanthin in Inhibiting Lipogenesis and its Mechanism. <i>Current Pharmaceutical Biotechnology</i> , 2021 , 22, 1932-1941	2.6	2
19	DHA-enriched phosphatidylcholine suppressed angiogenesis by activating PPARland modulating the VEGFR2/Ras/ERK pathway in human umbilical vein endothelial cells. <i>Food Science and Biotechnology</i> , 2021 , 30, 1543-1553	3	2
18	Sea urchin gangliosides exhibit neuritogenic effects in neuronal PC12 cells via TrkA- and TrkB-related pathways. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021 , 85, 675-686	2.1	2
17	Peptides from Euphausia superba Promote Longitudinal Bone Growth by Accelerating Growth Plate Chondrocyte Proliferation and Hypertrophy. <i>Current Pharmaceutical Biotechnology</i> , 2021 , 22, 1860	6 ² 1877	. 1
16	Enzymatic Synthesis of Ether Lipids Rich in Docosahexaenoic Acid with Squalene as Reaction Medium. <i>JAOCS, Journal of the American Oil ChemistssSociety</i> , 2020 , 97, 135-140	1.8	1
15	Exogenous phosphatidylglucoside alleviates@cognitive impairment by improvement of neuroinflammation, and neurotrophin signaling. <i>Clinical and Translational Medicine</i> , 2021 , 11, e332	5.7	1
14	Intestinal Anti-Inflammatory Effects of Selenized Polysaccharides in a Dextran Sulfate Sodium-Induced Inflammatory Bowel Disease Model. <i>Journal of Medicinal Food</i> , 2021 , 24, 236-247	2.8	1
13	YRL577 combined with plant extracts reduce markers of non-alcoholic fatty liver disease in mice. <i>British Journal of Nutrition</i> , 2021 , 125, 1081-1091	3.6	1
12	Sialoglycoprotein isolated from Carassius auratus eggs promotes osteoblast differentiation via targeting the p38 mitogen-activated protein kinase-dependent Wnt/Etatenin and BMP2/Smads pathways. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12465	3.3	1
11	Different n-6/n-3 PUFA diets with fish oil attenuated osteoarthritis in ovariectomized mice via targeting the NLRP3 inflammasome. <i>Food Bioscience</i> , 2021 , 45, 101220	4.9	1
10	Antibacterial properties of cyclolinopeptides from flaxseed oil and their application on beef <i>Food Chemistry</i> , 2022 , 385, 132715	8.5	1

LIST OF PUBLICATIONS

9)	Sialoglycoproteins Isolated from the Eggs of Gadus morhua Inhibit Bone Resorption in Ovariectomized Rats by Suppressing the MAPK and NF- B Pathways. <i>Journal of Ocean University of China</i> , 2019 , 18, 1174-1184	1	O
8	3	Preparation, Gel Electrophoresis Analysis, and Nutritional Evaluation of a Functional Krill Protein Concentrate with Low Fluoride Level from Antarctic krill (Euphausia superba). <i>Journal of Aquatic Food Product Technology</i> , 2017 , 26, 958-968	1.6	Ο
7	7	Sialoglycoproteins isolated from the eggs of Carassius auratus alleviates CCL4-induced liver injury via downregulation of the IRE-#NF- B signaling pathway. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13964	3.3	O
6	ó	A comprehensive review of calcium and ferrous ions chelating peptides: Preparation, structure and transport pathways. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-13	11.5	О
5	;	Saponins from the Sea Cucumber Promote the Osteoblast Differentiation in MC3T3-E1 Cells through the Activation of the BMP2/ Smads Pathway. <i>Current Pharmaceutical Biotechnology</i> , 2021 , 22, 1942-1952	2.6	О
4	ŀ	Hypolipidemic activity and safety evaluation of a rhamnan-type sulfated polysaccharide-chromium (III) complex <i>Journal of Trace Elements in Medicine and Biology</i> , 2022 , 72, 126982	4.1	O
3	;	Phosphatidylmannoside prevents obesity induced by high-fat feeding. <i>Food Bioscience</i> , 2022 , 46, 10153	7 4.9	
2	2	Study on the effects of the different polar group of EPA-enriched phospholipids on the proliferation and apoptosis in 95D cells. <i>Marine Life Science and Technology</i> , 2021 , 3, 519-528	4.5	
1		Fucoidans from Thelenota ananas with 182.4 kDa Exhibited Optimal Anti-Adipogenic Activities by Modulating the Wnt/ECatenin Pathway. <i>Journal of Ocean University of China</i> , 2021 , 20, 921-930	1	