

# Jing X Kang

## List of Publications by Year in descending order

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150  
papers

11,508  
citations

23544

58  
h-index

30894

102  
g-index

150  
all docs

150  
docs citations

150  
times ranked

11825  
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential lipid autacoids rewire mitochondrial energy efficiency in metabolic dysfunction-associated fatty liver disease. <i>Hepatology</i> , 2023, 77, 1303-1318.	3.6	10
2	Lipidomic analysis revealed n-3 polyunsaturated fatty acids suppressed choroidal thinning and myopia progression in mice. <i>FASEB Journal</i> , 2022, 36, e22312.	0.2	6
3	Decreased Tissue Omega-6/Omega-3 Fatty Acid Ratio Prevents Chemotherapy-Induced Gastrointestinal Toxicity Associated with Alterations of Gut Microbiome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5332.	1.8	6
4	Beneficial effects of an endogenous enrichment in n-3 PUFAs on Wnt signaling are associated with attenuation of alcohol-mediated liver disease in mice. <i>FASEB Journal</i> , 2021, 35, e21377.	0.2	14
5	Docosahexanoic acid signals through the Nrf2-Nqo1 pathway to maintain redox balance and promote neurite outgrowth. <i>Molecular Biology of the Cell</i> , 2021, 32, 511-520.	0.9	9
6	Increased Lipogenesis is Critical for Self-Renewal and Growth of Breast Cancer Stem Cells: Impact of Omega-3 Fatty Acids. <i>Stem Cells</i> , 2021, 39, 1660-1670.	1.4	17
7	Endogenous Omega-3 Polyunsaturated Fatty Acids Reduce the Number and Differentiation of White Adipocyte Progenitors in Mice. <i>Obesity</i> , 2020, 28, 235-240.	1.5	3
8	Transcriptional signatures of the small intestinal mucosa in response to ethanol in transgenic mice rich in endogenous n3 fatty acids. <i>Scientific Reports</i> , 2020, 10, 19930.	1.6	3
9	Modulation of the Gut Microbiota during High-Dose Glycerol Monolaurate-Mediated Amelioration of Obesity in Mice Fed a High-Fat Diet. <i>MBio</i> , 2020, 11, .	1.8	59
10	Transgenic conversion of n-6 to n-3 polyunsaturated fatty acids via fat-1 reduces the severity of post-traumatic osteoarthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 83.	1.6	16
11	Multi-omic analysis in transgenic mice implicates omega-6/omega-3 fatty acid imbalance as a risk factor for chronic disease. <i>Communications Biology</i> , 2019, 2, 276.	2.0	55
12	Lifelong n-3 Polyunsaturated Fatty Acid Exposure Modulates Size of Mammary Epithelial Cell Populations and Expression of Caveolae Resident Proteins in Fat-1 Mice. <i>Nutrients</i> , 2019, 11, 2477.	1.7	4
13	Visualizing and Profiling Lipids in the OVLT of Fat-1 and Wild Type Mouse Brains during LPS-Induced Systemic Inflammation Using AP-SMALDI MSI. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4394-4406.	1.7	8
14	Decreased n-6:n-3 PUFA ratio attenuates ethanol-induced alterations in intestinal homeostasis, microbiota, and liver injury. <i>Journal of Lipid Research</i> , 2019, 60, 2034-2049.	2.0	39
15	The protective role of endogenous n-3 polyunsaturated fatty acids in Tau Alzheimer's disease mouse model. <i>International Journal of Neuroscience</i> , 2019, 129, 325-336.	0.8	10
16	Acetaminophen-induced liver injury is attenuated in transgenic fat-1 mice endogenously synthesizing long-chain n-3 fatty acids. <i>Biochemical Pharmacology</i> , 2018, 154, 75-88.	2.0	18
17	Experimental Validation of Longitudinal Speed of Sound Estimates in the Diagnosis of Hepatic Steatosis (Part II). <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 2749-2758.	0.7	16
18	An omega-3 polyunsaturated fatty acid derivative, 18-HEPE, protects against CXCR4-associated melanoma metastasis. <i>Carcinogenesis</i> , 2018, 39, 1380-1388.	1.3	25

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19	Maternal omega-3 fatty acids regulate offspring obesity through persistent modulation of gut microbiota. <i>Microbiome</i> , 2018, 6, 95.	4.9	65
20	Amelioration of UVB-induced oxidative stress and inflammation in fat-1 transgenic mouse skin. <i>Biochemical and Biophysical Research Communications</i> , 2018, 502, 1-8.	1.0	7
21	Suppression of Postprandial Blood Glucose Fluctuations by a Low-Carbohydrate, High-Protein, and High-Omega-3 Diet via Inhibition of Gluconeogenesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1823.	1.8	15
22	Enriched Brain Omega-3 Polyunsaturated Fatty Acids Confer Neuroprotection against Microinfarction. <i>EBioMedicine</i> , 2018, 32, 50-61.	2.7	31
23	Enriched Endogenous Omega-3 Fatty Acids in Mice Ameliorate Parenchymal Cell Death After Traumatic Brain Injury. <i>Molecular Neurobiology</i> , 2017, 54, 3317-3326.	1.9	21
24	Radiation Resistance in KRAS-Mutated Lung Cancer Is Enabled by Stem-like Properties Mediated by an Osteopontin-EGFR Pathway. <i>Cancer Research</i> , 2017, 77, 2018-2028.	0.4	80
25	Constitutive $\omega$ -3 fatty acid production in fat - 1 transgenic mice and docosahexaenoic acid administration to wild type mice protect against 2,4,6-trinitrobenzene sulfonic acid-induced colitis. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 847-855.	1.0	10
26	Omega-3 polyunsaturated fatty acids ameliorate ethanol-induced adipose hyperlipolysis: A mechanism for hepatoprotective effect against alcoholic liver disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3190-3201.	1.8	44
27	Endogenous $\omega$ -3 Fatty Acid Production by fat-1 Transgene and Topically Applied Docosahexaenoic Acid Protect against UVB-induced Mouse Skin Carcinogenesis. <i>Scientific Reports</i> , 2017, 7, 11658.	1.6	16
28	Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition Involving the Prevention and Management of Chronic Diseases Associated with Obesity. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2017, 10, 43-62.	1.8	118
29	Omega-3 polyunsaturated fatty acids promote amyloid $\beta$ clearance from the brain through mediating the function of the glymphatic system. <i>FASEB Journal</i> , 2017, 31, 282-293.	0.2	84
30	Maternal dietary imbalance between omega-6 and omega-3 polyunsaturated fatty acids impairs neocortical development via epoxy metabolites. <i>Stem Cells</i> , 2016, 34, 470-482.	1.4	54
31	Mitigation of indomethacin-induced gastrointestinal damages in fat-1 transgenic mice via gate-keeper action of $\omega$ -3-polyunsaturated fatty acids. <i>Scientific Reports</i> , 2016, 6, 33992.	1.6	14
32	Guide and Position of the International Society of Nutrigenetics/Nutrigenomics on Personalised Nutrition: Part 1 - Fields of Precision Nutrition. <i>Lifestyle Genomics</i> , 2016, 9, 12-27.	0.6	133
33	Suppressed Helicobacter pylori-associated gastric tumorigenesis in Fat-1 transgenic mice producing endogenous $\omega$ -3 polyunsaturated fatty acids. <i>Oncotarget</i> , 2016, 7, 66606-66622.	0.8	15
34	Endogenously elevated $\omega$ -3 polyunsaturated fatty acids alleviate acute ethanol-induced liver steatosis. <i>BioFactors</i> , 2015, 41, 453-462.	2.6	33
35	n-3 Polyunsaturated fatty acids inhibit Fc $\gamma$ receptor I-mediated mast cell activation. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1580-1588.	1.9	24
36	Omega-3 fatty acids protect from diet-induced obesity, glucose intolerance, and adipose tissue inflammation through PPAR $\alpha$ -dependent and PPAR $\gamma$ -independent actions. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 957-967.	1.5	46

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37	Transgenic $\omega$ -3 PUFA enrichment alters morphology and gene expression profile in adipose tissue of obese mice: Potential role for protectins. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 666-676.	1.5	38
38	A host-microbiome interaction mediates the opposing effects of omega-6 and omega-3 fatty acids on metabolic endotoxemia. <i>Scientific Reports</i> , 2015, 5, 11276.	1.6	271
39	Endogenously Generated Omega-3 Fatty Acids Attenuate Vascular Inflammation and Neointimal Hyperplasia by Interaction With Free Fatty Acid Receptor 4 in Mice. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	30
40	Autistic Children Exhibit Decreased Levels of Essential Fatty Acids in Red Blood Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10061-10076.	1.8	81
41	Transgenic Mice Convert Carbohydrates to Essential Fatty Acids. <i>PLoS ONE</i> , 2014, 9, e97637.	1.1	10
42	Molecular interplay between $\delta$ 5/ $\delta$ 6 desaturases and long-chain fatty acids in the pathogenesis of non-alcoholic steatohepatitis. <i>Gut</i> , 2014, 63, 344-355.	6.1	107
43	Concise Review: Regulation of Stem Cell Proliferation and Differentiation by Essential Fatty Acids and Their Metabolites. <i>Stem Cells</i> , 2014, 32, 1092-1098.	1.4	79
44	Enriched endogenous omega-3 fatty acids in mice protect against global ischemia injury. <i>Journal of Lipid Research</i> , 2014, 55, 1288-1297.	2.0	39
45	Elevated tissue omega-3 fatty acid status prevents age-related glucose intolerance in fat-1 transgenic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 186-191.	1.8	32
46	18-HEPE, an n-3 fatty acid metabolite released by macrophages, prevents pressure overload-induced maladaptive cardiac remodeling. <i>Journal of Experimental Medicine</i> , 2014, 211, 1673-1687.	4.2	135
47	The iFat1 transgene permits conditional endogenous n-3 PUFA enrichment both in vitro and in vivo. <i>Transgenic Research</i> , 2014, 23, 489-501.	1.3	4
48	Endogenous $\omega$ -3 Polyunsaturated Fatty Acid Production Confers Resistance to Obesity, Dyslipidemia, and Diabetes in Mice. <i>Molecular Endocrinology</i> , 2014, 28, 1316-1328.	3.7	52
49	Double Transgenesis of Humanized fat1 and fat2 Genes Promotes Omega-3 Polyunsaturated Fatty Acids Synthesis in a Zebrafish Model. <i>Marine Biotechnology</i> , 2014, 16, 580-593.	1.1	31
50	Production of fat-1 transgenic rats using a post-natal female germline stem cell line. <i>Molecular Human Reproduction</i> , 2014, 20, 271-281.	1.3	109
51	Matrix Metalloproteinase (MMP)-9 in Cancer-Associated Fibroblasts (CAFs) Is Suppressed by Omega-3 Polyunsaturated Fatty Acids In Vitro and In Vivo. <i>PLoS ONE</i> , 2014, 9, e89605.	1.1	58
52	A Protective Lipidomic Biosignature Associated with a Balanced Omega-6/Omega-3 Ratio in fat-1 Transgenic Mice. <i>PLoS ONE</i> , 2014, 9, e96221.	1.1	32
53	Unesterified docosahexaenoic acid is protective in neuroinflammation. <i>Journal of Neurochemistry</i> , 2013, 127, 378-393.	2.1	140
54	Nutrigenomics and Cancer Therapy. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013, 6, I-II.	1.8	8

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55	Transgenic mice with high endogenous omega-3 fatty acids are protected from spinal cord injury. <i>Neurobiology of Disease</i> , 2013, 51, 104-112.	2.1	44
56	Inhibition of the HER2 pathway by n-3 polyunsaturated fatty acids prevents breast cancer in fat-1 transgenic mice. <i>Journal of Lipid Research</i> , 2013, 54, 3453-3463.	2.0	35
57	Dr. Alexander Leaf, an exemplary physician-scientist and a great man. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 197-199.	1.0	1
58	The role of the tissue omega-6/omega-3 fatty acid ratio in regulating tumor angiogenesis. <i>Cancer and Metastasis Reviews</i> , 2013, 32, 201-210.	2.7	68
59	Delta-6-desaturase activity and arachidonic acid synthesis are increased in human breast cancer tissue. <i>Cancer Science</i> , 2013, 104, 760-764.	1.7	53
60	Mammary tumor development is directly inhibited by lifelong n-3 polyunsaturated fatty acids. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 388-395.	1.9	55
61	Increased tissue levels of omega-3 polyunsaturated fatty acids prevents pathological preterm birth. <i>Scientific Reports</i> , 2013, 3, 3113.	1.6	48
62	Omega-3 Polyunsaturated Fatty Acids Suppress the Cystic Lesion Formation of Peritoneal Endometriosis in Transgenic Mouse Models. <i>PLoS ONE</i> , 2013, 8, e73085.	1.1	39
63	Omega-3 Fatty Acids and Hippocampal Neurogenesis in Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 460-465.	0.8	33
64	Reduction of heart rate by omega-3 fatty acids and the potential underlying mechanisms. <i>Frontiers in Physiology</i> , 2012, 3, 416.	1.3	34
65	Improved Outcome after Peripheral Nerve Injury in Mice with Increased Levels of Endogenous Omega-3 Polyunsaturated Fatty Acids. <i>Journal of Neuroscience</i> , 2012, 32, 563-571.	1.7	75
66	Amelioration of diabetes-induced colorectal ontogenesis by omega-3 fatty acids in mice. <i>Journal of Lipid Research</i> , 2012, 53, 1056-1070.	2.0	13
67	Nutrigenomics and Systems Biology. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2012, 5, I-II.	1.8	7
68	Effects of Coptis extract combined with chemotherapeutic agents on ROS production, multidrug resistance, and cell growth in A549 human lung cancer cells. <i>Chinese Medicine</i> , 2012, 7, 11.	1.6	23
69	The Coming of Age of Nutrigenetics and Nutrigenomics. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2012, 5, I-II.	1.8	13
70	Inhibiting Delta-6 Desaturase Activity Suppresses Tumor Growth in Mice. <i>PLoS ONE</i> , 2012, 7, e47567.	1.1	47
71	High Pancreatic n-3 Fatty Acids Prevent STZ-Induced Diabetes in Fat-1 Mice: Inflammatory Pathway Inhibition. <i>Diabetes</i> , 2011, 60, 1090-1099.	0.3	126
72	Omega-3-Polyunsaturated Fatty Acids Suppress Pancreatic Cancer Cell Growth in vitro and in vivo via Downregulation of Wnt/Beta-Catenin Signaling. <i>Pancreatology</i> , 2011, 11, 574-584.	0.5	68

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73	Fat-1 transgenic mice with elevated omega-3 fatty acids are protected from allergic airway responses. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1164-1169.	1.8	85
74	Endogenous Conversion of Omega-6 into Omega-3 Fatty Acids Improves Neuropathology in an Animal Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 853-869.	1.2	66
75	Omega-3: A link between global climate change and human health. <i>Biotechnology Advances</i> , 2011, 29, 388-390.	6.0	44
76	Cox-2 expression, PGE2 and cytokines production are inhibited by endogenously synthesized n-3 PUFAs in inflamed colon of fat-1 mice. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 360-365.	1.9	62
77	The Omega-6/Omega-3 Fatty Acid Ratio in Chronic Diseases: Animal Models and Molecular Aspects. <i>World Review of Nutrition and Dietetics</i> , 2011, 102, 22-29.	0.1	34
78	Transgenic conversion of omega-6 into omega-3 fatty acids in a mouse model of Parkinson's disease. <i>Journal of Lipid Research</i> , 2011, 52, 263-271.	2.0	61
79	Suppressed liver tumorigenesis in fat-1 mice with elevated omega-3 fatty acids is associated with increased omega-3 derived lipid mediators and reduced TNF- $\alpha$ . <i>Carcinogenesis</i> , 2011, 32, 897-903.	1.3	121
80	The Fat-1 Mouse has Brain Docosahexaenoic Acid Levels Achievable Through Fish Oil Feeding. <i>Neurochemical Research</i> , 2010, 35, 811-819.	1.6	39
81	Transgenic Restoration of Long-Chain n-3 Fatty Acids in Insulin Target Tissues Improves Resolution Capacity and Alleviates Obesity-Linked Inflammation and Insulin Resistance in High-Fat "Fed Mice. <i>Diabetes</i> , 2010, 59, 3066-3073.	0.3	160
82	Differential effects of omega-6 and omega-3 fatty acids on telomere length. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 1276-1277.	2.2	12
83	Drosophila lacks C20 and C22 PUFAs. <i>Journal of Lipid Research</i> , 2010, 51, 2985-2992.	2.0	85
84	Endogenously Decreasing Tissue n-6/n-3 Fatty Acid Ratio Reduces Atherosclerotic Lesions in ApoE-deficient Mice by Inhibiting Systemic and Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2487-2494.	1.1	91
85	Cyclooxygenase-2 and n-6 PUFA are lower and DHA is higher in the cortex of fat-1 mice. <i>Neurochemistry International</i> , 2010, 56, 585-589.	1.9	22
86	A decreased n-6/n-3 ratio in the fat-1 mouse is associated with improved glucose tolerance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010, 35, 699-706.	0.9	31
87	Fat-1 gene modulates the fatty acid composition of femoral and vertebral phospholipids. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010, 35, 447-455.	0.9	16
88	Supranormal Electroretinogram in Fat-1 Mice with Retinas Enriched in Docosahexaenoic Acid and n-3 Very Long Chain Fatty Acids (C24-C36). , 2009, 50, 4394.		32
89	Docosahexaenoic acid suppresses arachidonic acid-induced proliferation of LS-174T human colon carcinoma cells. <i>World Journal of Gastroenterology</i> , 2009, 15, 1079.	1.4	35
90	Improved spatial learning performance of fat-1 mice is associated with enhanced neurogenesis and neuritogenesis by docosahexaenoic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11370-11375.	3.3	203

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91	Acute Lung Injury Is Reduced in <i>fat-1</i> Mice Endogenously Synthesizing n-3 Fatty Acids. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 474-483.	2.5	50
92	Vertebrae of Developing <i>Fat-1</i> Mice Have Greater Strength and Lower N-6/N-3 Fatty Acid Ratio. <i>Experimental Biology and Medicine</i> , 2009, 234, 632-638.	1.1	16
93	Endogenous $\omega$ 3 fatty acids protect ovariectomy induced bone loss by attenuating osteoclastogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1833-1844.	1.6	69
94	Femur EPA and DHA are correlated with femur biomechanical strength in young <i>fat-1</i> mice. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 453-461.	1.9	37
95	<i>Panax notoginseng</i> Reduces Atherosclerotic Lesions in ApoE-Deficient Mice and Inhibits TNF- $\alpha$ -Induced Endothelial Adhesion Molecule Expression and Monocyte Adhesion. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6692-6697.	2.4	68
96	Coptis extracts enhance the anticancer effect of estrogen receptor antagonists on human breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 174-178.	1.0	74
97	Gene and protein expression profiling of the <i>fat-1</i> mouse brain. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009, 80, 33-42.	1.0	15
98	Endogenous n-3 fatty acids protect ovariectomy induced bone loss by attenuating osteoclastogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1833-1844.	1.6	44
99	Evaluation of a rapid method for the quantitative analysis of fatty acids in various matrices. <i>Journal of Chromatography A</i> , 2008, 1212, 106-113.	1.8	96
100	Seizure resistance in <i>fat-1</i> transgenic mice endogenously synthesizing high levels of omega-3 polyunsaturated fatty acids. <i>Journal of Neurochemistry</i> , 2008, 105, 380-388.	2.1	40
101	Reduction of inflammation and chronic tissue damage by omega-3 fatty acids in <i>fat-1</i> transgenic mice with pancreatitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 634-641.	1.8	53
102	Modulation of Inflammatory Cytokines by Omega-3 Fatty Acids. <i>Sub-Cellular Biochemistry</i> , 2008, 49, 133-143.	1.0	143
103	A Transgenic Mouse Model for Gene-Nutrient Interactions. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2008, 1, 172-177.	1.8	23
104	Fish Oil Fatty Acids as Cardiovascular Drugs. <i>Current Vascular Pharmacology</i> , 2008, 6, 1-12.	0.8	55
105	Reduced Colitis-Associated Colon Cancer in <i>Fat-1</i> ( <i>n-3</i> Fatty Acid Desaturase) Transgenic Mice. <i>Cancer Research</i> , 2008, 68, 3985-3991.	0.4	124
106	Omega-6/Omega-3 Fatty Acid Ratio is Important for Health. , 2008, , 35-49.		2
107	Effect of endogenous $\omega$ 3 PUFA on inflammation and oxidative stress. <i>FASEB Journal</i> , 2008, 22, 1094.1.	0.2	1
108	Colitis-associated colon tumorigenesis is suppressed in transgenic mice rich in endogenous n-3 fatty acids. <i>Carcinogenesis</i> , 2007, 28, 1991-1995.	1.3	98



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109	Fat-1 transgenic mice: A new model for omega-3 research. Prostaglandins Leukotrienes and Essential Fatty Acids, 2007, 77, 263-267.	1.0	148
110	Lipoxins and resolvins in inflammatory bowel disease. Inflammatory Bowel Diseases, 2007, 13, 797-799.	0.9	47
111	Omega-3 fatty acids alleviate chemically induced acute hepatitis by suppression of cytokines. Hepatology, 2007, 45, 864-869.	3.6	139
112	Why the omega-3 piggy should go to market. Nature Biotechnology, 2007, 25, 505-506.	9.4	9
113	Increased dietary intake of n-3-polyunsaturated fatty acids reduces pathological retinal angiogenesis. Nature Medicine, 2007, 13, 868-873.	15.2	633
114	Activation of Stat5 and induction of a pregnancy-like mammary gland differentiation by eicosapentaenoic and docosapentaenoic omega-3 fatty acids. FEBS Journal, 2007, 274, 3351-3362.	2.2	18
115	Modulation of prostate cancer genetic risk by omega-3 and omega-6 fatty acids. Journal of Clinical Investigation, 2007, 117, 1866-1875.	3.9	225
116	Fat-1 transgenic mice endogenously synthesizing high levels of n-3 PUFA are resistant to pentylenetetrazol induced seizures. FASEB Journal, 2007, 21, A322.	0.2	0
117	Inhibition of inflammatory response in transgenic fat-1 mice on a calorie-restricted diet. Biochemical and Biophysical Research Communications, 2006, 349, 925-930.	1.0	47
118	Generation of cloned transgenic pigs rich in omega-3 fatty acids. Nature Biotechnology, 2006, 24, 435-436.	9.4	323
119	n-3 polyunsaturated fatty acids endogenously synthesized in fat-1 mice are enriched in the mammary gland. Lipids, 2006, 41, 35-39.	0.7	42
120	Melanoma growth is reduced in fat-1 transgenic mice: Impact of omega-6/omega-3 essential fatty acids. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12499-12504.	3.3	125
121	Cloned Transgenic Swine Via In Vitro Production and Cryopreservation1. Biology of Reproduction, 2006, 75, 226-230.	1.2	69
122	Transgenic mice rich in endogenous omega-3 fatty acids are protected from colitis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11276-11281.	3.3	361
123	A simplified method for analysis of polyunsaturated fatty acids. , 2005, 6, 5.		171
124	The extract of huanglian, a medicinal herb, induces cell growth arrest and apoptosis by upregulation of interferon- $\beta$ and TNF- $\alpha$ in human breast cancer cells. Carcinogenesis, 2005, 26, 1934-1939.	1.3	86
125	Prevention of Fatal Arrhythmias in High-Risk Subjects by Fish Oil n-3 Fatty Acid Intake. Circulation, 2005, 112, 2762-2768.	1.6	346
126	Rethinking lipid mediators. Lancet, The, 2005, 366, 618-620.	6.3	70



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127	Decreased n-6/ n-3 fatty acid ratio reduces the invasive potential of human lung cancer cells by downregulation of cell adhesion/invasion-related genes. <i>Carcinogenesis</i> , 2005, 26, 779-784.	1.3	84
128	Omega-3 Fatty Acids and Ventricular Arrhythmias. , 2005, 94, 129-138.		10
129	Achieving Balance in the Omega-6/Omega-3 Ratio through Nutrigenomics. , 2004, 93, 92-98.		4
130	Fat-1 mice convert n-6 to n-3 fatty acids. <i>Nature</i> , 2004, 427, 504-504.	13.7	480
131	Prevention of sudden cardiac death by n-3 polyunsaturated fatty acids. , 2003, 98, 355-377.		143
132	Clinical Prevention of Sudden Cardiac Death by n-3 Polyunsaturated Fatty Acids and Mechanism of Prevention of Arrhythmias by n-3 Fish Oils. <i>Circulation</i> , 2003, 107, 2646-2652.	1.6	542
133	The Importance of Omega-6/Omega-3 Fatty Acid Ratio in Cell Function. , 2003, 92, 23-36.		64
134	Decreased expression of the mannose 6- phosphate/insulin-like growth factor-II receptor promotes growth of human breast cancer cells. <i>BMC Cancer</i> , 2002, 2, 18.	1.1	43
135	Effects of adenoviral gene transfer of <i>C. elegans</i> n-3 fatty acid desaturase on the lipid profile and growth of human breast cancer cells. <i>Anticancer Research</i> , 2002, 22, 537-43.	0.5	42
136	Partitioning of polyunsaturated fatty acids, which prevent cardiac arrhythmias, into phospholipid cell membranes. <i>Journal of Lipid Research</i> , 2001, 42, 346-351.	2.0	83
137	Prevention of fatal cardiac arrhythmias by polyunsaturated fatty acids. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 202S-207S.	2.2	192
138	n-3 fatty acids in the prevention of cardiac arrhythmias. <i>Lipids</i> , 1999, 34, S187-S189.	0.7	54
139	Prevention of Sudden Cardiac Death by Dietary Pure n-3 Polyunsaturated Fatty Acids in Dogs. <i>Circulation</i> , 1999, 99, 2452-2457.	1.6	382
140	Anticonvulsant effect of polyunsaturated fatty acids in rats, using the cortical stimulation model. <i>European Journal of Pharmacology</i> , 1998, 341, 145-152.	1.7	127
141	Differential Effects of Various Eicosanoids on the Production or Prevention of Arrhythmias in Cultured Neonatal Rat Cardiac Myocytes. <i>Prostaglandins</i> , 1997, 54, 511-530.	1.2	110
142	Prevention of ischemia-induced cardiac Sudden death by n-3 polyunsaturated fatty acids in dogs. <i>Lipids</i> , 1997, 32, 1161-1168.	0.7	180
143	Physiological Effects of Adenoviral Gene Transfer of Sarcoplasmic Reticulum Calcium ATPase in Isolated Rat Myocytes. <i>Circulation</i> , 1997, 95, 423-429.	1.6	158
144	Adenoviral Gene Transfer of Phospholamban in Isolated Rat Cardiomyocytes. <i>Circulation Research</i> , 1997, 81, 145-153.	2.0	99

#	ARTICLE	IF	CITATIONS
145	Protective effects of free polyunsaturated fatty acids on arrhythmias induced by lysophosphatidylcholine or palmitoylcarnitine in neonatal rat cardiac myocytes. <i>European Journal of Pharmacology</i> , 1996, 297, 97-106.	1.7	114
146	Polyunsaturated fatty acids exert antiarrhythmic actions as free acids rather than in phospholipids. <i>Lipids</i> , 1996, 31, 977-982.	0.7	65
147	The cardiac antiarrhythmic effects of polyunsaturated fatty acid. <i>Lipids</i> , 1996, 31, S41-S44.	0.7	60
148	Antiarrhythmic Effects of Polyunsaturated Fatty Acids. <i>Circulation</i> , 1996, 94, 1774-1780.	1.6	196
149	Protective Effects of All-Trans-Retinoic Acid Against Cardiac Arrhythmias Induced by Isoproterenol, Lysophosphatidylcholine or Ischemia and Reperfusion. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, 943-948.	0.8	29
150	Essential fatty acid metabolism in cultured human airway epithelial cells. <i>Lipids and Lipid Metabolism</i> , 1992, 1128, 267-274.	2.6	15