Frances T Yen

List of Publications by Year
in descending order

51 papers	2,771 citations	279798 23 h-index	206112 48 g-index
52 all docs	52 docs citations	52 times ranked	3398 citing authors

#	Article	IF	Citations
1	Targeted Suppression of Lipoprotein Receptor LSR in Astrocytes Leads to Olfactory and Memory Deficits in Mice. International Journal of Molecular Sciences, 2022, 23, 2049.	4.1	3
2	VEGF-A-related genetic variants protect against Alzheimerâ€™s disease. Aging, 2022, 14, 2524-2536.	3.1	10
3	Synthesis of New Water Soluble Î²-Cyclodextrin@Curcumin Conjugates and In Vitro Safety Evaluation in Primary Cultures of Rat Cortical Neurons. International Journal of Molecular Sciences, 2021, 22, 3255.	4.1	4
4	Use of Active Salmon-Lecithin Nanoliposomes to Increase Polyunsaturated Fatty Acid Bioavailability in Cortical Neurons and Mice. International Journal of Molecular Sciences, 2021, 22, 11859.	4.1	5
5	Nanoliposomes and Nanoemulsions Based on Chia Seed Lipids: Preparation and Characterization. International Journal of Molecular Sciences, 2020, 21, 9079.	4.1	15
6	Affinity of chlordecone and chlordecol for human serum lipoproteins. Environmental Toxicology and Pharmacology, 2020, 80, 103486.	4.0	3
7	Neurotrophic Effect of Fish-Lecithin Based Nanoliposomes on Cortical Neurons. Marine Drugs, 2019, 17, 406.	4.6	12
8	Age-related changes in regiospecific expression of Lipolysis Stimulated Receptor (LSR) in mice brain. PLoS ONE, 2019, 14, e0218812.	2.5	6
9	Effect of LSR polymorphism on blood lipid levels and ageâ€specific epistatic interaction with the APOE common polymorphism. Clinical Genetics, 2018, 93, 846-852.	2.0	5
10	Epistatic interaction of apolipoprotein E and lipolysis-stimulated lipoprotein receptor genetic variants is associated with Alzheimer's disease. Neurobiology of Aging, 2018, 69, 292.e1-292.e5.	3.1	4
11	Maintenance of membrane organization in the aging mouse brain as the determining factor for preventing receptor dysfunction and for improving response to anti-Alzheimer treatments. Neurobiology of Aging, 2017, 54, 84-93.	3.1	6
12	Improved Neuroprotection Provided by Drug Combination in Neurons Exposed to Cell-Derived Soluble Amyloid-Î² Peptide. Journal of Alzheimer's Disease, 2016, 52, 975-987.	2.6	8
13	Expression profile of hepatic genes related to lipid homeostasis in LSR heterozygous mice contributes to their increased response to high-fat diet. Physiological Genomics, 2016, 48, 928-935.	2.3	7
14	Membrane raft domains and remodeling in aging brain. Biochimie, 2016, 130, 178-187.	2.6	38
15	No evidence for oxidative stress in the cerebellar tissues or cells of juvenile male mice exposed via lactation to the 6 non-dioxin-like PCBs at levels below the regulatory safe limits for humans. Toxicology Letters, 2016, 245, 7-14.	0.8	6
16	Disialylated apolipoprotein C-III proteoform is associated with improved lipids in prediabetes and type 2 diabetes. Journal of Lipid Research, 2016, 57, 894-905.	4.2	41
17	Lactational exposure of mice to low levels of non-dioxin-like polychlorinated biphenyls increases susceptibility to neuronal stress at a mature age. NeuroToxicology, 2016, 53, 314-320.	3.0	7
18	Increased Susceptibility of Dyslipidemic LSR+/â^' Mice to Amyloid Stress is Associated with Changes in Cortical Cholesterol Levels. Journal of Alzheimer's Disease, 2015, 45, 195-204.	2.6	14

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19	The Association of Human Apolipoprotein C-III Sialylation Proteoforms with Plasma Triglycerides. PLoS ONE, 2015, 10, e0144138.	2.5	35
20	LSR/angulin-1 is a tricellular tight junction protein involved in bloodâ€“brain barrier formation. Journal of Cell Biology, 2015, 208, 703-711.	5.2	108
21	Inhibitory Action of Benzo[Î±]pyrene on Hepatic Lipoprotein Receptors In Vitro and on Liver Lipid Homeostasis in Mice. PLoS ONE, 2014, 9, e102991.	2.5	12
22	Adaptation of the lactic acid bacterium Carnobacterium maltaromaticum LMA 28 to the mammalian gastrointestinal tract: From survival in mice to interaction with human cells. International Dairy Journal, 2014, 34, 93-99.	3.0	10
23	Critical role of cPLA2 in AÎ² oligomer-induced neurodegeneration and memory deficit. Neurobiology of Aging, 2012, 33, 1123.e17-1123.e29.	3.1	48
24	Lactoferrin and its hydrolysate bind directly to the oleateâ€activated form of the lipolysis stimulated lipoprotein receptor. FEBS Journal, 2012, 279, 4361-4373.	4.7	6
25	Brain regionâ€specific immunolocalization of the lipolysisâ€stimulated lipoprotein receptor (<scp>LSR</scp>) and altered cholesterol distribution in aged <scp>LSR</scp>^{+/â^’} mice. Journal of Neurochemistry, 2012, 123, 467-476.	3.9	16
26	EROD activity in peripheral blood lymphocytes and 1â€hydroxypyrene in urine and milk as biomarkers of PAH exposure in dairy ruminants. Environmental Toxicology and Chemistry, 2011, 30, 1346-1353.	4.3	7
27	Effect of surfactant pluronic Fâ€68 on CHO cell growth, metabolism, production, and glycosylation of human recombinant IFNâ€Î³ in mild operating conditions. Biotechnology Progress, 2011, 27, 181-190.	2.6	33
28	Ciliary Neurotrophic Factor Cell-Based Delivery Prevents Synaptic Impairment and Improves Memory in Mouse Models of Alzheimer's Disease. Journal of Neuroscience, 2010, 30, 7516-7527.	3.6	114
29	Upâ€regulation of hepatic lipolysis stimulated lipoprotein receptor by leptin: a potential lever for controlling lipid clearance during the postprandial phase. FASEB Journal, 2010, 24, 4218-4228.	0.5	27
30	The essential role of lipids in Alzheimer's disease. Biochimie, 2009, 91, 804-809.	2.6	54
31	Lipolysis Stimulated Lipoprotein Receptor. Journal of Biological Chemistry, 2008, 283, 25650-25659.	3.4	68
32	Polluants, lipolyse et prise de poids. Sciences Des Aliments, 2008, 28, 197-203.	0.2	1
33	Nonrandom variations in human cancer ESTs indicate that mRNA heterogeneity increases during carcinogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7522-7527.	7.1	17
34	Benzo[a]pyrene impairs beta-adrenergic stimulation of adipose tissue lipolysis and causes weight gain in mice. A novel molecular mechanism of toxicity for a common food pollutant. FEBS Journal, 2006, 273, 1362-1372.	4.7	118
35	Microtubule-associated Protein MAP1A, MAP1B, and MAP2 Proteolysis during Soluble Amyloid Î²-Peptide-induced Neuronal Apoptosis. Journal of Biological Chemistry, 2006, 281, 229-240.	3.4	105
36	Cytosolic phospholipase A 2 mediates neuronal apoptosis induced by soluble oligomers of the amyloidâ€Î² peptide. FASEB Journal, 2005, 19, 85-87.	0.5	135

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37	Distribution of the lipolysis stimulated receptor in adult and embryonic murine tissues and lethality of LSR-/- embryos at 12.5 to 14.5â€ƒdays of gestation. FEBS Journal, 2004, 271, 3103-3114.	0.2	60
38	Proteolytic cleavage product of 30-kDa adipocyte complement-related protein increases fatty acid oxidation in muscle and causes weight loss in mice. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2005-2010.	7.1	848
39	GÃ©nomique, promesses et rÃ©alitÃ©s.. Medecine/Sciences, 2000, 16, 17.	0.2	0
40	Molecular Cloning of a Lipolysis-stimulated Remnant Receptor Expressed in the Liver. Journal of Biological Chemistry, 1999, 274, 13390-13398.	3.4	61
41	Acquisition of lipoproteins in the procyclic form of Trypanosoma brucei. Molecular and Biochemical Parasitology, 1999, 100, 153-162.	1.1	12
42	Clonage d'un lipolysis simulated receptor exprimÃ© dans le foie.. Medecine/Sciences, 1999, 15, 763.	0.2	0
43	The lipolysis stimulated receptor: a gene at last. Current Opinion in Lipidology, 1998, 9, 221-224.	2.7	21
44	Inhibitory Effects of Specific Apolipoprotein C-III Isoforms on the Binding of Triglyceride-rich Lipoproteins to the Lipolysis-stimulated Receptor. Journal of Biological Chemistry, 1997, 272, 31348-31354.	3.4	66
45	Inhibitory Effect on the Lipolysis-stimulated Receptor of the 39-kDa Receptor-associated Protein. Journal of Biological Chemistry, 1995, 270, 17068-17071.	3.4	24
46	Mechanism of Activation and Functional Significance of the Lipolysis-Stimulated Receptor. Evidence for a Role as Chylomicron Remnant Receptor. Biochemistry, 1995, 34, 10421-10431.	2.5	40
47	Characterization and purification of the lipolysis-stimulated receptor. Atherosclerosis, 1994, 109, 176.	0.8	0
48	Identification of a lipolysis-stimulated receptor that is distinct from the LDL receptor and the LDL receptor-related protein. Biochemistry, 1994, 33, 1172-1180.	2.5	89
49	Free fatty acids activate a high-affinity saturable pathway for degradation of low-density lipoproteins in fibroblasts from a subject homozygous for familial hypercholesterolemia. Biochemistry, 1992, 31, 4628-4636.	2.5	52
50	Mechanism of plasma cholesteryl ester transfer in hypertriglyceridemia.. Journal of Clinical Investigation, 1991, 88, 2059-2066.	8.2	311
51	Inhibition of cholesteryl ester transfer protein activity by monoclonal antibody. Effects on cholesteryl ester formation and neutral lipid mass transfer in human plasma.. Journal of Clinical Investigation, 1989, 83, 2018-2024.	8.2	79