Donatella Caruso

List of Publications by Year
in descending order

169 papers	7,627 citations	41323 49 h-index	69214 77 g-index
180 all docs	180 docs citations	180 times ranked	9522 citing authors

#	Article	IF	Citations
1	Regulatory mechanisms of the early phase of white adipocyte differentiation: an overview. Cellular and Molecular Life Sciences, 2022, 79, 139.	2.4	28
2	On the Redox-Activity and Health-Effects of Atmospheric Primary and Secondary Aerosol: Phenomenology. Atmosphere, 2022, 13, 704.	1.0	7
3	Gut Steroids and Microbiota: Effect of Gonadectomy and Sex. Biomolecules, 2022, 12, 767.	1.8	9
4	Paroxetine effects in adult male rat colon: Focus on gut steroidogenesis and microbiota. Psychoneuroendocrinology, 2022, 143, 105828.	1.3	8
5	Identification of a novel off-target of paroxetine: Possible role in sexual dysfunction induced by this SSRI antidepressant drug. Journal of Molecular Structure, 2022, 1268, 133690.	1.8	4
6	Investigating metabolism by mass spectrometry: From steady state to dynamic view. Journal of Mass Spectrometry, 2021, 56, e4658.	0.7	6
7	Zc3h10 regulates adipogenesis by controlling translation and F-actin/mitochondria interaction. Journal of Cell Biology, 2021, 220, .	2.3	21
8	Elovl5 is required for proper action potential conduction along peripheral myelinated fibers. Glia, 2021, 69, 2419-2428.	2.5	8
9	PGC1s and Beyond: Disentangling the Complex Regulation of Mitochondrial and Cellular Metabolism. International Journal of Molecular Sciences, 2021, 22, 6913.	1.8	18
10	Histone Deacetylase 3 Regulates Adipocyte Phenotype at Early Stages of Differentiation. International Journal of Molecular Sciences, 2021, 22, 9300.	1.8	6
11	Effects of paroxetine treatment and its withdrawal on neurosteroidogenesis. Psychoneuroendocrinology, 2021, 132, 105364.	1.3	7
12	Exploring the Impact of the Microbiome on Neuroactive Steroid Levels in Germ-Free Animals. International Journal of Molecular Sciences, 2021, 22, 12551.	1.8	11
13	Sex differences in steroid levels and steroidogenesis in the nervous system: Physiopathological role. Frontiers in Neuroendocrinology, 2020, 56, 100804.	2.5	37
14	Inhibition of class I HDACs imprints adipogenesis toward oxidative and brown-like phenotype. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158594.	1.2	11
15	Untargeted Metabolomics to Go beyond the Canonical Effect of Acetylsalicylic Acid. Journal of Clinical Medicine, 2020, 9, 51.	1.0	8
16	Glial cell activation and altered metabolic profile in the spinal-trigeminal axis in a rat model of multiple sclerosis associated with the development of trigeminal sensitization. Brain, Behavior, and Immunity, 2020, 89, 268-280.	2.0	10
17	Steroidogenic machinery in the adult rat colon. Journal of Steroid Biochemistry and Molecular Biology, 2020, 203, 105732.	1.2	16
18	Schwann Cell Autocrine and Paracrine Regulatory Mechanisms, Mediated by Allopregnanolone and BDNF, Modulate PKCÎµ in Peripheral Sensory Neurons. Cells, 2020, 9, 1874.	1.8	13

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19	Centella asiatica L. Phytosome Improves Cognitive Performance by Promoting Bdnf Expression in Rat Prefrontal Cortex. Nutrients, 2020, 12, 355.	1.7	23
20	Sex dimorphism in an animal model of multiple sclerosis: Focus on pregnenolone synthesis. Journal of Steroid Biochemistry and Molecular Biology, 2020, 199, 105596.	1.2	5
21	Lipidomic analysis of cancer cells cultivated at acidic pH reveals phospholipid fatty acids remodelling associated with transcriptional reprogramming. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 963-973.	2.5	16
22	Epigenome modifiers and metabolic rewiring: New frontiers in therapeutics. , 2019, 193, 178-193.		13
23	Mitochondrial dysfunction increases fatty acid Î²â€oxidation and translates into impaired neuroblast maturation. FEBS Letters, 2019, 593, 3173-3189.	1.3	14
24	DNA damage and transcription stress cause ATP-mediated redesign of metabolism and potentiation of anti-oxidant buffering. Nature Communications, 2019, 10, 4887.	5.8	43
25	Altered methylation pattern of the SRD5A2 gene in the cerebrospinal fluid of post-finasteride patients: a pilot study. Endocrine Connections, 2019, 8, 1118-1125.	0.8	10
26	High-Density Lipoprotein Function Is Reduced in Patients Affected by Genetic or Idiopathic Hypogonadism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3097-3107.	1.8	21
27	Enhanced axonal neuregulin-1 type-III signaling ameliorates neurophysiology and hypomyelination in a Charcotâ€“Marieâ€“Tooth type 1B mouse model. Human Molecular Genetics, 2019, 28, 992-1006.	1.4	24
28	Zc3h10 is a novel mitochondrial regulator. EMBO Reports, 2018, 19, .	2.0	23
29	Neuroactive steroids and diabetic complications in the nervous system. Frontiers in Neuroendocrinology, 2018, 48, 58-69.	2.5	29
30	Diabetes induces mitochondrial dysfunction and alters cholesterol homeostasis and neurosteroidogenesis in the rat cerebral cortex. Journal of Steroid Biochemistry and Molecular Biology, 2018, 178, 108-116.	1.2	24
31	Gender-related metabolomics and lipidomics: From experimental animal models to clinical evidence. Journal of Proteomics, 2018, 178, 82-91.	1.2	34
32	Oncogenic H-Ras Expression Induces Fatty Acid Profile Changes in Human Fibroblasts and Extracellular Vesicles. International Journal of Molecular Sciences, 2018, 19, 3515.	1.8	18
33	Intermittent Fasting Applied in Combination with Rotenone Treatment Exacerbates Dopamine Neurons Degeneration in Mice. Frontiers in Cellular Neuroscience, 2018, 12, 4.	1.8	21
34	Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. Biology of Sex Differences, 2018, 9, 6.	1.8	23
35	Myeloid apolipoprotein E controls dendritic cell antigen presentation and T cell activation. Nature Communications, 2018, 9, 3083.	5.8	95
36	Valorizing coffee pulp by-products as anti-inflammatory ingredient of food supplements acting on IL-8 release. Food Research International, 2018, 112, 129-135.	2.9	31

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37	The Neurosteroidogenic Enzyme 5Î±-Reductase Mediates Psychotic-Like Complications of Sleep Deprivation. Neuropsychopharmacology, 2017, 42, 2196-2205.	2.8	26
38	The chemical composition of ultrafine particles and associated biological effects at an alpine town impacted by wood burning. Science of the Total Environment, 2017, 587-588, 223-231.	3.9	33
39	Diabetes alters myelin lipid profile in rat cerebral cortex: Protective effects of dihydroprogesterone. Journal of Steroid Biochemistry and Molecular Biology, 2017, 168, 60-70.	1.2	23
40	Neuroactive steroid levels and psychiatric and andrological features in post-finasteride patients. Journal of Steroid Biochemistry and Molecular Biology, 2017, 171, 229-235.	1.2	67
41	Sterol regulatory element binding proteinâ€1C knockout mice show altered neuroactive steroid levels in sciatic nerve. Journal of Neurochemistry, 2017, 142, 420-428.	2.1	7
42	Short-term effects of diabetes on neurosteroidogenesis in the rat hippocampus. Journal of Steroid Biochemistry and Molecular Biology, 2017, 167, 135-143.	1.2	23
43	Ultrafine particles (UFPs) from domestic wood stoves: genotoxicity in human lung carcinoma A549 cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 820, 39-46.	0.9	24
44	Analysis of the chemical composition of ultrafine particles from two domestic solid biomass fired room heaters under simulated real-world use. Atmospheric Environment, 2017, 150, 87-97.	1.9	45
45	Insights on wood combustion generated proinflammatory ultrafine particles (UFP). Toxicology Letters, 2017, 266, 74-84.	0.4	24
46	Effect of the 5Î±-reductase enzyme inhibitor dutasteride in the brain of intact and parkinsonian mice. Journal of Steroid Biochemistry and Molecular Biology, 2017, 174, 242-256.	1.2	16
47	HDAC3 is a molecular brake of the metabolic switch supporting white adipose tissue browning. Nature Communications, 2017, 8, 93.	5.8	68
48	The ATP-binding cassette transporter A1 regulates phosphoantigen release and VÎ³9VÎ´2 T cell activation by dendritic cells. Nature Communications, 2017, 8, 15663.	5.8	57
49	Attenuation of diet-induced obesity and induction of white fat browning with a chemical inhibitor of histone deacetylases. International Journal of Obesity, 2017, 41, 289-298.	1.6	41
50	Extracellular vesicles released by fibroblasts undergoing H-Ras induced senescence show changes in lipid profile. PLoS ONE, 2017, 12, e0188840.	1.1	52
51	Effects of Subchronic Finasteride Treatment and Withdrawal on Neuroactive Steroid Levels and Their Receptors in the Male Rat Brain. Neuroendocrinology, 2016, 103, 746-757.	1.2	39
52	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. Endocrinology, 2016, 157, 3983-3993.	1.4	24
53	Oestradiol synthesized by female neurons generates sex differences in neuritogenesis. Scientific Reports, 2016, 6, 31891.	1.6	28
54	Role of androgens in dhea-induced rack1 expression and cytokine modulation in monocytes. Immunity and Ageing, 2016, 13, 20.	1.8	26

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55	Neuroprotective Effect of Progesterone in MPTP-Treated Male Mice. Neuroendocrinology, 2016, 103, 300-314.	1.2	31
56	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. SpringerPlus, 2015, 4, L45.	1.2	0
57	Olive oil phenolic extract regulates interleukinâ€8 expression by transcriptional and posttranscriptional mechanisms in Cacoâ€2 cells. Molecular Nutrition and Food Research, 2015, 59, 1217-1221.	1.5	24
58	Targeting neurosteroid synthesis as a therapy for schizophrenia-related alterations induced by early psychosocial stress. Schizophrenia Research, 2015, 168, 640-648.	1.1	24
59	Neuroactive steroids and the peripheral nervous system: An update. Steroids, 2015, 103, 23-30.	0.8	46
60	Dihydrotestosterone as a Protective Agent in Chronic Experimental Autoimmune Encephalomyelitis. Neuroendocrinology, 2015, 101, 296-308.	1.2	35
61	Correlation of brain levels of progesterone and dehydroepiandrosterone with neurological recovery after traumatic brain injury in female mice. Psychoneuroendocrinology, 2015, 56, 1-11.	1.3	41
62	Lack of Sterol Regulatory Element Binding Factor-1c Imposes Glial Fatty Acid Utilization Leading to Peripheral Neuropathy. Cell Metabolism, 2015, 21, 571-583.	7.2	51
63	Rapid down-regulation of hepatic lipid metabolism by phenolic fraction from extra virgin olive oil. European Journal of Nutrition, 2015, 54, 823-833.	1.8	18
64	Patients treated for male pattern hair with finasteride show, after discontinuation of the drug, altered levels of neuroactive steroids in cerebrospinal fluid and plasma. Journal of Steroid Biochemistry and Molecular Biology, 2015, 146, 74-79.	1.2	69
65	Lipids in the nervous system: From biochemistry and molecular biology to patho-physiology. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 51-60.	1.2	85
66	Energizing Genetics and Epi-genetics: Role in the Regulation of Mitochondrial Function. Current Genomics, 2015, 15, 436-456.	0.7	10
67	Neuroactive steroid levels in plasma and cerebrospinal fluid of male multiple sclerosis patients. Journal of Neurochemistry, 2014, 130, 591-597.	2.1	48
68	Levels and actions of progesterone and its metabolites in the nervous system during physiological and pathological conditions. Progress in Neurobiology, 2014, 113, 56-69.	2.8	113
69	Liquid chromatographyâ€“tandem mass spectrometry for simultaneous measurement of thromboxane B2 and 12(S)-hydroxyeicosatetraenoic acid in serum. Journal of Pharmaceutical and Biomedical Analysis, 2014, 96, 256-262.	1.4	22
70	ELOVL5 Mutations Cause Spinocerebellar Ataxia 38. American Journal of Human Genetics, 2014, 95, 209-217.	2.6	107
71	LT175 Is a Novel PPARÎ±/Î³ Ligand with Potent Insulin-sensitizing Effects and Reduced Adipogenic Properties. Journal of Biological Chemistry, 2014, 289, 6908-6920.	1.6	33
72	Neuroactive steroid treatment modulates myelin lipid profile in diabetic peripheral neuropathy. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 115-121.	1.2	44

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73	Diabetic neuropathic pain: a role for testosterone metabolites. Journal of Endocrinology, 2014, 221, 1-13.	1.2	76
74	Multimodal Analysis in Acute and Chronic Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2013, 8, 238-250.	2.1	16
75	Neuroactive Steroid Levels are Modified in Cerebrospinal Fluid and Plasma of Post-Finasteride Patients Showing Persistent Sexual Side Effects and Anxious/Depressive Symptomatology. Journal of Sexual Medicine, 2013, 10, 2598-2603.	0.3	84
76	Age-related changes in neuroactive steroid levels in 3xTg-AD mice. Neurobiology of Aging, 2013, 34, 1080-1089.	1.5	105
77	Ligand for Translocator Protein Reverses Pathology in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2013, 33, 8891-8897.	1.7	125
78	Comparison of plasma and cerebrospinal fluid levels of neuroactive steroids with their brain, spinal cord and peripheral nerve levels in male and female rats. Psychoneuroendocrinology, 2013, 38, 2278-2290.	1.3	119
79	Inhibition of Class I Histone Deacetylases Unveils a Mitochondrial Signature and Enhances Oxidative Metabolism in Skeletal Muscle and Adipose Tissue. Diabetes, 2013, 62, 732-742.	0.3	196
80	Liver X receptors, nervous system, and lipid metabolism. Journal of Endocrinological Investigation, 2013, 36, 435-43.	1.8	17
81	Digoxin and ouabain induce the efflux of cholesterol via liver X receptor signalling and the synthesis of ATP in cardiomyocytes. Biochemical Journal, 2012, 447, 301-311.	1.7	27
82	The First Case of Hb G-Honolulu [Î±30(B11)Gluâ†'Gln (GAG>CAG); HBA2:c.91G>A] Observed in Association with Hb S [Î²6(A3)Gluâ†'Val, GAG>GTG] in a Healthy Italian Child. Hemoglobin, 2012, 36, 73-79.	0.4	1
83	Diabetes-induced myelin abnormalities are associated with an altered lipid pattern: protective effects of LXR activation. Journal of Lipid Research, 2012, 53, 300-310.	2.0	83
84	Reduced biliary sterol output with no change in total faecal excretion in mice expressing a human apolipoprotein Aâ€ variant. Liver International, 2012, 32, 1363-1371.	1.9	17
85	Direct glutathione quantification in human blood by LCâ€"MS/MS: comparison with HPLC with electrochemical detection. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 111-118.	1.4	79
86	LXR and TSPO as new therapeutic targets to increase the levels of neuroactive steroids in the central nervous system of diabetic animals. Neurochemistry International, 2012, 60, 616-621.	1.9	43
87	Linking epigenetics to lipid metabolism: Focus on histone deacetylases. Molecular Membrane Biology, 2012, 29, 257-266.	2.0	43
88	Inhibition of NFâ€•<scp>Î°</scp>B Activity by Minor Polar Components of Extraâ€Virgin Olive Oil at Gastric Level. Phytotherapy Research, 2012, 26, 1569-1571.	2.8	21
89	Inhibition of Neutrophil Elastase and Metalloproteaseâ€9 of Human Adenocarcinoma Gastric Cells by Chamomile (Matricaria recutita L.) Infusion. Phytotherapy Research, 2012, 26, 1817-1822.	2.8	21
90	Neuroprotective Effects of Progesterone in Chronic Experimental Autoimmune Encephalomyelitis. Journal of Neuroendocrinology, 2012, 24, 851-861.	1.2	52

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91	Modifications of Neuroactive Steroid Levels in an Experimental Model of Nigrostriatal Degeneration: Potential Relevance to the Pathophysiology of Parkinsonâ€™s Disease. Journal of Molecular Neuroscience, 2012, 46, 177-183.	1.1	39
92	Sex-dimorphic effects of dehydroepiandrosterone in diabetic neuropathy. Neuroscience, 2011, 199, 401-409.	1.1	21
93	Sex differences in the manifestation of peripheral diabetic neuropathy in gonadectomized rats: A correlation with the levels of neuroactive steroids in the sciatic nerve. Experimental Neurology, 2011, 228, 215-221.	2.0	23
94	Role of Neuroactive Steroids in the Peripheral Nervous System. Frontiers in Endocrinology, 2011, 2, 104.	1.5	42
95	Fruit quality of Italian pomegranate (Punica granatum L.) autochthonous varieties. European Food Research and Technology, 2011, 232, 397-403.	1.6	36
96	Dihydroprogesterone Increases the Gene Expression of Myelin Basic Protein in Spinal Cord of Diabetic Rats. Journal of Molecular Neuroscience, 2010, 42, 135-139.	1.1	33
97	Simultaneous quantification of 8-iso-prostaglandin-F2Î± and 11-dehydro thromboxane B2 in human urine by liquid chromatographyâ€“tandem mass spectrometry. Analytical Biochemistry, 2010, 397, 168-174.	1.1	39
98	Sexâ€dimorphic changes in neuroactive steroid levels after chronic experimental autoimmune encephalomyelitis. Journal of Neurochemistry, 2010, 114, 921-932.	2.1	51
99	Effect of Shortâ€and Longâ€Term Gonadectomy on Neuroactive Steroid Levels in the Central and Peripheral Nervous System of Male and Female Rats. Journal of Neuroendocrinology, 2010, 22, 1137-1147.	1.2	81
100	When Food Meets Man: the Contribution of Epigenetics to Health. Nutrients, 2010, 2, 551-571.	1.7	14
101	Activation of the Liver X Receptor Increases Neuroactive Steroid Levels and Protects from Diabetes-Induced Peripheral Neuropathy. Journal of Neuroscience, 2010, 30, 11896-11901.	1.7	75
102	An Innovative Method to Classify SERMs Based on the Dynamics of Estrogen Receptor Transcriptional Activity in Living Animals. Molecular Endocrinology, 2010, 24, 735-744.	3.7	27
103	Olive Oil Phenols Modulate the Expression of Metalloproteinase 9 in THP-1 Cells by Acting on Nuclear Factor-ÎºB Signaling. Journal of Agricultural and Food Chemistry, 2010, 58, 2246-2252.	2.4	67
104	Estrogen receptor Î² and the progression of prostate cancer: role of 5Î±-androstane-3Î²,17Î²-diol. Endocrine-Related Cancer, 2010, 17, 731-742.	1.6	49
105	Acute experimental autoimmune encephalomyelitis induces sex dimorphic changes in neuroactive steroid levels. Neurochemistry International, 2010, 56, 118-127.	1.9	53
106	Sex differences in neuroactive steroid levels in the nervous system of diabetic and non-diabetic rats. Hormones and Behavior, 2010, 57, 46-55.	1.0	97
107	Interactions between neuroactive steroids and reelin haploinsufficiency in Purkinje cell survival. Neurobiology of Disease, 2009, 36, 103-115.	2.1	70
108	Expression of sterol 27-hydroxylase in glial cells and its regulation by liver X receptor signaling. Neuroscience, 2009, 164, 530-540.	1.1	32

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109	Neuroprotective effects of a ligand of translocator protein-18kDa (Ro5-4864) in experimental diabetic neuropathy. Neuroscience, 2009, 164, 520-529.	1.1	82
110	Antiplasmodial activity of Punica granatum L. fruit rind. Journal of Ethnopharmacology, 2009, 125, 279-285.	2.0	95
111	Neuroactive Steroid Levels in a Transgenic Rat Model of CMT1A Neuropathy. Journal of Molecular Neuroscience, 2008, 34, 249-253.	1.1	32
112	Disruption of the gene encoding 3Î²â€hydroxysterol Î”¹⁴â€reductase (Tm7sf2) in mice does not impair cholesterol biosynthesis. FEBS Journal, 2008, 275, 5034-5047.	2.2	43
113	Inhibition of Human cAMP-Phosphodiesterase as a Mechanism of the Spasmolytic Effect of Matricaria recutita L.. Journal of Agricultural and Food Chemistry, 2008, 56, 5015-5020.	2.4	50
114	Evaluation of neuroactive steroid levels by liquid chromatographyâ€“tandem mass spectrometry in central and peripheral nervous system: Effect of diabetes. Neurochemistry International, 2008, 52, 560-568.	1.9	90
115	Neuroprotective effects of dihydroprogesterone and progesterone in an experimental model of nerve crush injury. Neuroscience, 2008, 155, 673-685.	1.1	104
116	Plasma oxysterols in normal and cholestatic children as indicators of the two pathways of bile acid synthesis. Clinica Chimica Acta, 2008, 395, 84-88.	0.5	4
117	Inhibition of platelet aggregation by olive oil phenols via cAMP-phosphodiesterase. British Journal of Nutrition, 2008, 99, 945-951.	1.2	90
118	Bile acids and gene regulation: from nuclear receptors to chromatin. Frontiers in Bioscience - Landmark, 2008, Volume, 6276.	3.0	2
119	Inflammatory process and virgin olive oil phenols: modulation of platelet aggregation and metalloprotease-9 expression in monocytes. Planta Medica, 2008, 74, .	0.7	0
120	Insights into the Mechanism of Partial Agonism. Journal of Biological Chemistry, 2007, 282, 17314-17324.	1.6	105
121	Progesterone and its derivatives are neuroprotective agents in experimental diabetic neuropathy: A multimodal analysis. Neuroscience, 2007, 144, 1293-1304.	1.1	175
122	Changes in classic and alternative pathways of bile acid synthesis in chronic liver disease. Clinica Chimica Acta, 2007, 382, 82-88.	0.5	36
123	Insights in the regulation of cholesterol 7Î±-hydroxylase gene reveal a target for modulating bile acid synthesis. Hepatology, 2007, 46, 885-897.	3.6	47
124	The pharmacological exploitation of cholesterol 7Î±-hydroxylase, the key enzyme in bile acid synthesis: from binding resins to chromatin remodelling to reduce plasma cholesterol. , 2007, 116, 449-472.		57
125	Testosterone derivatives are neuroprotective agents in experimental diabetic neuropathy. Cellular and Molecular Life Sciences, 2007, 64, 1158-1168.	2.4	58
126	Lipid sensing and lipid sensors. Cellular and Molecular Life Sciences, 2007, 64, 2477-2491.	2.4	30

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127	Tu-P8:330 Nuclear factor of activated T-cells (NFAT) couples innate immunity programming to cholesterol metabolism in monocyte-macrophages. Atherosclerosis Supplements, 2006, 7, 257.	1.2	0
128	Minor Components of Olive Oil Modulate Proatherogenic Adhesion Molecules Involved in Endothelial Activation. Journal of Agricultural and Food Chemistry, 2006, 54, 3259-3264.	2.4	107
129	Sterol dependent regulation of human TM7SF2 gene expression: Role of the encoded 3Î²-hydroxysterol Î”14-reductase in human cholesterol biosynthesis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 677-685.	1.2	54
130	46th International Conference on the Bioscience of Lipids. Future Lipidology, 2006, 1, 139-142.	0.5	0
131	Hypercholesterolaemia is not associated with early atherosclerotic lesions in primary biliary cirrhosis. Gut, 2006, 55, 1795-1800.	6.1	74
132	Daily consumption of a high-phenol extra-virgin olive oil reduces oxidative DNA damage in postmenopausal women. British Journal of Nutrition, 2006, 95, 742-751.	1.2	153
133	High pressure liquid chromatography and electrospray ionization mass spectrometry are advantageously integrated into a two-levels approach to detection and identification of haemoglobin variants. International Journal of Laboratory Hematology, 2005, 27, 111-119.	0.2	9
134	Virgin Olive Oil Study (VOLOS): vasoprotective potential of extra virgin olive oil in mildly dyslipidemic patients. European Journal of Nutrition, 2005, 44, 121-127.	1.8	187
135	Olive oil and modulation of cell signaling in disease prevention. Lipids, 2004, 39, 1223-1231.	0.7	75
136	Bile acid signaling to the nucleus: finding new connections in the transcriptional regulation of metabolic pathways. Biochimie, 2004, 86, 771-778.	1.3	17
137	Synthesis of long-chain polyunsaturated fatty acids is inhibited in vivo in hypercholesterolemic rabbits and in vitro by oxysterols. Prostaglandins Leukotrienes and Essential Fatty Acids, 2004, 71, 79-86.	1.0	10
138	LXR (liver X receptor) and HNF-4 (hepatocyte nuclear factor-4): key regulators in reverse cholesterol transport. Biochemical Society Transactions, 2004, 32, 92-96.	1.6	54
139	Mass spectrometry and DNA sequencing are complementary techniques for characterizing hemoglobin variants: the example of hemoglobin J-Oxford. Haematologica, 2004, 89, 608-9.	1.7	3
140	In vivo evaluation of the two metabolic pathways of cholesterol catabolism in normal human subjects and in patients with liver disease. Journal of Hepatology, 2003, 38, 196.	1.8	0
141	Coordinated Control of Cholesterol Catabolism to Bile Acids and of Gluconeogenesis via a Novel Mechanism of Transcription Regulation Linked to the Fasted-to-fed Cycle. Journal of Biological Chemistry, 2003, 278, 39124-39132.	1.6	187
142	Hydroxytyrosol Excretion Differs between Rats and Humans and Depends on the Vehicle of Administration. Journal of Nutrition, 2003, 133, 2612-2615.	1.3	139
143	A HEMOGLOBIN VARIANT FOUND DURING GLYCOHEMOGLOBIN MEASUREMENT, IDENTIFIED AS Hb TOULON [Î±77(EF6)Proâ†'His] BY TANDEM MASS SPECTROMETRY. Hemoglobin, 2002, 26, 197-199.	0.4	6
144	Biological activities and metabolic fate of olive oil phenols. European Journal of Lipid Science and Technology, 2002, 104, 677-684.	1.0	82

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145	Cloning and expression of sterol Î”14-reductase from bovine liver. FEBS Journal, 2002, 269, 283-290.	0.2	31
146	Hydroxytyrosol, as a component of olive mill waste water, is dose- dependently absorbed and increases the antioxidant capacity of rat plasma. Free Radical Research, 2001, 34, 301-305.	1.5	117
147	Urinary excretion of olive oil phenols and their metabolites in humans. Metabolism: Clinical and Experimental, 2001, 50, 1426-1428.	1.5	128
148	Olive Oils Rich in Natural Catecholic Phenols Decrease Isoprostane Excretion in Humans. Biochemical and Biophysical Research Communications, 2000, 278, 797-799.	1.0	152
149	Olive oil phenolics are dose-dependently absorbed in humans. FEBS Letters, 2000, 468, 159-160.	1.3	315
150	Rapid Evaluation of Phenolic Component Profile and Analysis of Oleuropein Aglycon in Olive Oil by Atmospheric Pressure Chemical Ionizationâ^'Mass Spectrometry (APCIâ^'MS). Journal of Agricultural and Food Chemistry, 2000, 48, 1182-1185.	2.4	82
151	Evidence of postprandial absorption of olive oil phenols in humans. Nutrition, Metabolism and Cardiovascular Diseases, 2000, 10, 111-20.	1.1	60
152	Oxysterols from oxidized LDL are cytotoxic but fail to induce hsp70 expression in endothelial cells. FEBS Letters, 1999, 462, 113-116.	1.3	11
153	Lipid peroxidation during aging in watanabe rabbits as determined by lipoprotein and tissue oxysterols. Atherosclerosis, 1999, 144, 48.	0.4	0
154	Effect of virgin olive oil phenolic compounds on in vitro oxidation of human low density lipoproteins. Nutrition, Metabolism and Cardiovascular Diseases, 1999, 9, 102-7.	1.1	52
155	3.P.87 Two distinct components of oxidized LDL mediate the heat shock response and cytotoxicity triggered by OxLDL. Atherosclerosis, 1997, 134, 216-217.	0.4	0
156	Extracts of Ginkgo biloba L. leaves and Vaccinium myrtillus L. fruits prevent photo induced oxidation of low density lipoprotein cholesterol. Phytomedicine, 1997, 3, 335-338.	2.3	8
157	Identification of 3Î²-hydroxy-5Î±-cholest-6-ene-5-hydroperoxide in human oxidized LDL. Chemistry and Physics of Lipids, 1996, 79, 181-186.	1.5	12
158	Cholesta-5,7,9(11)-trien-3 beta-ol found in plasma of patients with Smith-Lemli-Opitz syndrome indicates formation of sterol hydroperoxide. Journal of Lipid Research, 1996, 37, 2280-2287.	2.0	36
159	Cholesta-5,7,9(11)-trien-3 beta-ol found in plasma of patients with Smith-Lemli-Opitz syndrome indicates formation of sterol hydroperoxide. Journal of Lipid Research, 1996, 37, 2280-7.	2.0	24
160	Formation of 22 and 24 carbon 6-desaturated fatty acids from exogenous deuterated arachidonic acid is activated in THP-1 cells at high substrate concentrations. FEBS Letters, 1994, 343, 195-199.	1.3	28
161	A particle beam-liquid chromatography-mass spectrometry method for the determination of lipoxygenase metabolites of arachidonic acid. Analytical Biochemistry, 1992, 201, 356-361.	1.1	12
162	Arachidonic acid cycloxygenase and lipoxygenase pathways are differently activated by platelet activating factor and the calcium-ionophore A23187 in a primary culture of astroglial cells. Developmental Brain Research, 1991, 63, 221-227.	2.1	20

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163	Arachidonic acid metabolism in HEL/30 murine epidermal Cell Line. Archives of Dermatological Research, 1988, 280, 437-442.	1.1	10
164	Differential effects of oral administrations to human volunteers of acetylsalicylic acid, sodium salicylate and indomethacin on 12-hydroxyeicosatetraenoic acid formation by stimulated platelets. Thrombosis Research, 1988, 52, 197-206.	0.8	10
165	Effect of single oral administrations of non steroidal antiinflammatory drugs to healthy volunteers on arachidonic acid metabolism in peripheral polymorphonuclear and mononuclear leukocytes. Prostaglandins Leukotrienes and Essential Fatty Acids, 1988, 34, 167-174.	1.0	6
166	Nonsteroidal Antiinflammatory Drugs Aggravate Acute Myocardial Ischemia in the Perfused Rabbit Heart. Journal of Cardiovascular Pharmacology, 1988, 12, 438-444.	0.8	54
167	Platelet formation of 12-hydroxyeicosatetraenoic acid and thromboxane B2 is increased in type IIA hypercholesterolemic subjects. Atherosclerosis, 1986, 60, 61-66.	0.4	49
168	Analysis of cyclooxygenase and lipoxygenase products in incubation media. Prostaglandins, 1984, 27, 361-363.	1.2	21
169	Preferential utilization of endogenous arachidonate by cyclo-oxygenase in incubations of human platelets. FEBS Letters, 1983, 157, 173-178.	1.3	38