

# Donatella Caruso

## List of Publications by Year in descending order

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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	Olive oil phenolics are dose-dependently absorbed in humans. <i>FEBS Letters</i> , 2000, 468, 159-160.	1.3	315
2	Inhibition of Class I Histone Deacetylases Unveils a Mitochondrial Signature and Enhances Oxidative Metabolism in Skeletal Muscle and Adipose Tissue. <i>Diabetes</i> , 2013, 62, 732-742.	0.3	196
3	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. <i>Journal of Biological Chemistry</i> , 2003, 278, 39124-39132.	1.6	187
4	Virgin Olive Oil Study (VOLOS): vasoprotective potential of extra virgin olive oil in mildly dyslipidemic patients. <i>European Journal of Nutrition</i> , 2005, 44, 121-127.	1.8	187
5	Progesterone and its derivatives are neuroprotective agents in experimental diabetic neuropathy: A multimodal analysis. <i>Neuroscience</i> , 2007, 144, 1293-1304.	1.1	175
6	Daily consumption of a high-phenol extra-virgin olive oil reduces oxidative DNA damage in postmenopausal women. <i>British Journal of Nutrition</i> , 2006, 95, 742-751.	1.2	153
7	Olive Oils Rich in Natural Catecholic Phenols Decrease Isoprostane Excretion in Humans. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 797-799.	1.0	152
8	Hydroxytyrosol Excretion Differs between Rats and Humans and Depends on the Vehicle of Administration. <i>Journal of Nutrition</i> , 2003, 133, 2612-2615.	1.3	139
9	Urinary excretion of olive oil phenols and their metabolites in humans. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 1426-1428.	1.5	128
10	Ligand for Translocator Protein Reverses Pathology in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2013, 33, 8891-8897.	1.7	125
11	Comparison of plasma and cerebrospinal fluid levels of neuroactive steroids with their brain, spinal cord and peripheral nerve levels in male and female rats. <i>Psychoneuroendocrinology</i> , 2013, 38, 2278-2290.	1.3	119
12	Hydroxytyrosol, as a component of olive mill waste water, is dose-dependently absorbed and increases the antioxidant capacity of rat plasma. <i>Free Radical Research</i> , 2001, 34, 301-305.	1.5	117
13	Levels and actions of progesterone and its metabolites in the nervous system during physiological and pathological conditions. <i>Progress in Neurobiology</i> , 2014, 113, 56-69.	2.8	113
14	Minor Components of Olive Oil Modulate Proatherogenic Adhesion Molecules Involved in Endothelial Activation. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3259-3264.	2.4	107
15	ELOVL5 Mutations Cause Spinocerebellar Ataxia 38. <i>American Journal of Human Genetics</i> , 2014, 95, 209-217.	2.6	107
16	Insights into the Mechanism of Partial Agonism. <i>Journal of Biological Chemistry</i> , 2007, 282, 17314-17324.	1.6	105
17	Age-related changes in neuroactive steroid levels in 3xTg-AD mice. <i>Neurobiology of Aging</i> , 2013, 34, 1080-1089.	1.5	105
18	Neuroprotective effects of dihydroprogesterone and progesterone in an experimental model of nerve crush injury. <i>Neuroscience</i> , 2008, 155, 673-685.	1.1	104

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19	Sex differences in neuroactive steroid levels in the nervous system of diabetic and non-diabetic rats. <i>Hormones and Behavior</i> , 2010, 57, 46-55.	1.0	97
20	Antiplasmodial activity of <i>Punica granatum</i> L. fruit rind. <i>Journal of Ethnopharmacology</i> , 2009, 125, 279-285.	2.0	95
21	Myeloid apolipoprotein E controls dendritic cell antigen presentation and T cell activation. <i>Nature Communications</i> , 2018, 9, 3083.	5.8	95
22	Evaluation of neuroactive steroid levels by liquid chromatography-tandem mass spectrometry in central and peripheral nervous system: Effect of diabetes. <i>Neurochemistry International</i> , 2008, 52, 560-568.	1.9	90
23	Inhibition of platelet aggregation by olive oil phenols via cAMP-phosphodiesterase. <i>British Journal of Nutrition</i> , 2008, 99, 945-951.	1.2	90
24	Lipids in the nervous system: From biochemistry and molecular biology to patho-physiology. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 51-60.	1.2	85
25	Neuroactive Steroid Levels are Modified in Cerebrospinal Fluid and Plasma of Post-Finasteride Patients Showing Persistent Sexual Side Effects and Anxious/Depressive Symptomatology. <i>Journal of Sexual Medicine</i> , 2013, 10, 2598-2603.	0.3	84
26	Diabetes-induced myelin abnormalities are associated with an altered lipid pattern: protective effects of LXR activation. <i>Journal of Lipid Research</i> , 2012, 53, 300-310.	2.0	83
27	Rapid Evaluation of Phenolic Component Profile and Analysis of Oleuropein Aglycon in Olive Oil by Atmospheric Pressure Chemical Ionization-Mass Spectrometry (APCI-MS). <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 1182-1185.	2.4	82
28	Biological activities and metabolic fate of olive oil phenols. <i>European Journal of Lipid Science and Technology</i> , 2002, 104, 677-684.	1.0	82
29	Neuroprotective effects of a ligand of translocator protein-18kDa (Ro5-4864) in experimental diabetic neuropathy. <i>Neuroscience</i> , 2009, 164, 520-529.	1.1	82
30	Effect of Short- and Long-Term Gonadectomy on Neuroactive Steroid Levels in the Central and Peripheral Nervous System of Male and Female Rats. <i>Journal of Neuroendocrinology</i> , 2010, 22, 1137-1147.	1.2	81
31	Direct glutathione quantification in human blood by LC-MS/MS: comparison with HPLC with electrochemical detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 71, 111-118.	1.4	79
32	Diabetic neuropathic pain: a role for testosterone metabolites. <i>Journal of Endocrinology</i> , 2014, 221, 1-13.	1.2	76
33	Olive oil and modulation of cell signaling in disease prevention. <i>Lipids</i> , 2004, 39, 1223-1231.	0.7	75
34	Activation of the Liver X Receptor Increases Neuroactive Steroid Levels and Protects from Diabetes-Induced Peripheral Neuropathy. <i>Journal of Neuroscience</i> , 2010, 30, 11896-11901.	1.7	75
35	Hypercholesterolaemia is not associated with early atherosclerotic lesions in primary biliary cirrhosis. <i>Gut</i> , 2006, 55, 1795-1800.	6.1	74
36	Interactions between neuroactive steroids and reelin haploinsufficiency in Purkinje cell survival. <i>Neurobiology of Disease</i> , 2009, 36, 103-115.	2.1	70

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37	Patients treated for male pattern hair with finasteride show, after discontinuation of the drug, altered levels of neuroactive steroids in cerebrospinal fluid and plasma. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 146, 74-79.	1.2	69
38	HDAC3 is a molecular brake of the metabolic switch supporting white adipose tissue browning. <i>Nature Communications</i> , 2017, 8, 93.	5.8	68
39	Olive Oil Phenols Modulate the Expression of Metalloproteinase 9 in THP-1 Cells by Acting on Nuclear Factor- $\kappa$ B Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2246-2252.	2.4	67
40	Neuroactive steroid levels and psychiatric and andrological features in post-finasteride patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 229-235.	1.2	67
41	Evidence of postprandial absorption of olive oil phenols in humans. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2000, 10, 111-20.	1.1	60
42	Testosterone derivatives are neuroprotective agents in experimental diabetic neuropathy. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 1158-1168.	2.4	58
43	The pharmacological exploitation of cholesterol 7 $\alpha$ -hydroxylase, the key enzyme in bile acid synthesis: from binding resins to chromatin remodelling to reduce plasma cholesterol. , 2007, 116, 449-472.		57
44	The ATP-binding cassette transporter A1 regulates phosphoantigen release and V $\beta$ 9V $\beta$ 2 T cell activation by dendritic cells. <i>Nature Communications</i> , 2017, 8, 15663.	5.8	57
45	Nonsteroidal Antiinflammatory Drugs Aggravate Acute Myocardial Ischemia in the Perfused Rabbit Heart. <i>Journal of Cardiovascular Pharmacology</i> , 1988, 12, 438-444.	0.8	54
46	LXR (liver X receptor) and HNF-4 (hepatocyte nuclear factor-4): key regulators in reverse cholesterol transport. <i>Biochemical Society Transactions</i> , 2004, 32, 92-96.	1.6	54
47	Sterol dependent regulation of human TM7SF2 gene expression: Role of the encoded 3 $\beta$ -hydroxysterol $\Delta^7$ -14-reductase in human cholesterol biosynthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 677-685.	1.2	54
48	Acute experimental autoimmune encephalomyelitis induces sex dimorphic changes in neuroactive steroid levels. <i>Neurochemistry International</i> , 2010, 56, 118-127.	1.9	53
49	Neuroprotective Effects of Progesterone in Chronic Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroendocrinology</i> , 2012, 24, 851-861.	1.2	52
50	Extracellular vesicles released by fibroblasts undergoing H-Ras induced senescence show changes in lipid profile. <i>PLoS ONE</i> , 2017, 12, e0188840.	1.1	52
51	Effect of virgin olive oil phenolic compounds on in vitro oxidation of human low density lipoproteins. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 1999, 9, 102-7.	1.1	52
52	Sex $\times$ dimorphic changes in neuroactive steroid levels after chronic experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2010, 114, 921-932.	2.1	51
53	Lack of Sterol Regulatory Element Binding Factor-1c Imposes Glial Fatty Acid Utilization Leading to Peripheral Neuropathy. <i>Cell Metabolism</i> , 2015, 21, 571-583.	7.2	51
54	Inhibition of Human cAMP-Phosphodiesterase as a Mechanism of the Spasmolytic Effect of <i>Matricaria recutita</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5015-5020.	2.4	50

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55	Platelet formation of 12-hydroxyeicosatetraenoic acid and thromboxane B2 is increased in type IIA hypercholesterolemic subjects. <i>Atherosclerosis</i> , 1986, 60, 61-66.	0.4	49
56	Estrogen receptor $\beta$ and the progression of prostate cancer: role of $5\alpha$ -androstane- $3\beta,17\beta$ -diol. <i>Endocrine-Related Cancer</i> , 2010, 17, 731-742.	1.6	49
57	Neuroactive steroid levels in plasma and cerebrospinal fluid of male multiple sclerosis patients. <i>Journal of Neurochemistry</i> , 2014, 130, 591-597.	2.1	48
58	Insights in the regulation of cholesterol $7\alpha$ -hydroxylase gene reveal a target for modulating bile acid synthesis. <i>Hepatology</i> , 2007, 46, 885-897.	3.6	47
59	Neuroactive steroids and the peripheral nervous system: An update. <i>Steroids</i> , 2015, 103, 23-30.	0.8	46
60	Analysis of the chemical composition of ultrafine particles from two domestic solid biomass fired room heaters under simulated real-world use. <i>Atmospheric Environment</i> , 2017, 150, 87-97.	1.9	45
61	Neuroactive steroid treatment modulates myelin lipid profile in diabetic peripheral neuropathy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 115-121.	1.2	44
62	Disruption of the gene encoding $3\beta$ -hydroxysteroid $17\alpha$ -reductase ( <i>h3h17rd</i> ) in mice does not impair cholesterol biosynthesis. <i>FEBS Journal</i> , 2008, 275, 5034-5047.	2.2	43
63	LXR and TSPO as new therapeutic targets to increase the levels of neuroactive steroids in the central nervous system of diabetic animals. <i>Neurochemistry International</i> , 2012, 60, 616-621.	1.9	43
64	Linking epigenetics to lipid metabolism: Focus on histone deacetylases. <i>Molecular Membrane Biology</i> , 2012, 29, 257-266.	2.0	43
65	DNA damage and transcription stress cause ATP-mediated redesign of metabolism and potentiation of anti-oxidant buffering. <i>Nature Communications</i> , 2019, 10, 4887.	5.8	43
66	Role of Neuroactive Steroids in the Peripheral Nervous System. <i>Frontiers in Endocrinology</i> , 2011, 2, 104.	1.5	42
67	Correlation of brain levels of progesterone and dehydroepiandrosterone with neurological recovery after traumatic brain injury in female mice. <i>Psychoneuroendocrinology</i> , 2015, 56, 1-11.	1.3	41
68	Attenuation of diet-induced obesity and induction of white fat browning with a chemical inhibitor of histone deacetylases. <i>International Journal of Obesity</i> , 2017, 41, 289-298.	1.6	41
69	Simultaneous quantification of 8-iso-prostaglandin- $F_2\alpha$ and 11-dehydro thromboxane B2 in human urine by liquid chromatography-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 397, 168-174.	1.1	39
70	Modifications of Neuroactive Steroid Levels in an Experimental Model of Nigrostriatal Degeneration: Potential Relevance to the Pathophysiology of Parkinson's Disease. <i>Journal of Molecular Neuroscience</i> , 2012, 46, 177-183.	1.1	39
71	Effects of Subchronic Finasteride Treatment and Withdrawal on Neuroactive Steroid Levels and Their Receptors in the Male Rat Brain. <i>Neuroendocrinology</i> , 2016, 103, 746-757.	1.2	39
72	Preferential utilization of endogenous arachidonate by cyclo-oxygenase in incubations of human platelets. <i>FEBS Letters</i> , 1983, 157, 173-178.	1.3	38

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73	Sex differences in steroid levels and steroidogenesis in the nervous system: Physiopathological role. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100804.	2.5	37
74	Changes in classic and alternative pathways of bile acid synthesis in chronic liver disease. <i>Clinica Chimica Acta</i> , 2007, 382, 82-88.	0.5	36
75	Fruit quality of Italian pomegranate ( <i>Punica granatum</i> L.) autochthonous varieties. <i>European Food Research and Technology</i> , 2011, 232, 397-403.	1.6	36
76	Cholesta-5,7,9(11)-trien-3 beta-ol found in plasma of patients with Smith-Lemli-Opitz syndrome indicates formation of sterol hydroperoxide. <i>Journal of Lipid Research</i> , 1996, 37, 2280-2287.	2.0	36
77	Dihydrotestosterone as a Protective Agent in Chronic Experimental Autoimmune Encephalomyelitis. <i>Neuroendocrinology</i> , 2015, 101, 296-308.	1.2	35
78	Gender-related metabolomics and lipidomics: From experimental animal models to clinical evidence. <i>Journal of Proteomics</i> , 2018, 178, 82-91.	1.2	34
79	Dihydroprogesterone Increases the Gene Expression of Myelin Basic Protein in Spinal Cord of Diabetic Rats. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 135-139.	1.1	33
80	LT175 Is a Novel PPAR $\alpha/\beta$ Ligand with Potent Insulin-sensitizing Effects and Reduced Adipogenic Properties. <i>Journal of Biological Chemistry</i> , 2014, 289, 6908-6920.	1.6	33
81	The chemical composition of ultrafine particles and associated biological effects at an alpine town impacted by wood burning. <i>Science of the Total Environment</i> , 2017, 587-588, 223-231.	3.9	33
82	Neuroactive Steroid Levels in a Transgenic Rat Model of CMT1A Neuropathy. <i>Journal of Molecular Neuroscience</i> , 2008, 34, 249-253.	1.1	32
83	Expression of sterol 27-hydroxylase in glial cells and its regulation by liver X receptor signaling. <i>Neuroscience</i> , 2009, 164, 530-540.	1.1	32
84	Cloning and expression of sterol $\Delta^14$ -reductase from bovine liver. <i>FEBS Journal</i> , 2002, 269, 283-290.	0.2	31
85	Neuroprotective Effect of Progesterone in MPTP-Treated Male Mice. <i>Neuroendocrinology</i> , 2016, 103, 300-314.	1.2	31
86	Valorizing coffee pulp by-products as anti-inflammatory ingredient of food supplements acting on IL-8 release. <i>Food Research International</i> , 2018, 112, 129-135.	2.9	31
87	Lipid sensing and lipid sensors. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2477-2491.	2.4	30
88	Neuroactive steroids and diabetic complications in the nervous system. <i>Frontiers in Neuroendocrinology</i> , 2018, 48, 58-69.	2.5	29
89	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. <i>FEBS Letters</i> , 1994, 343, 195-199.	1.3	28
90	Oestradiol synthesized by female neurons generates sex differences in neuritogenesis. <i>Scientific Reports</i> , 2016, 6, 31891.	1.6	28

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91	Regulatory mechanisms of the early phase of white adipocyte differentiation: an overview. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 139.	2.4	28
92	An Innovative Method to Classify SERMs Based on the Dynamics of Estrogen Receptor Transcriptional Activity in Living Animals. <i>Molecular Endocrinology</i> , 2010, 24, 735-744.	3.7	27
93	Digoxin and ouabain induce the efflux of cholesterol via liver X receptor signalling and the synthesis of ATP in cardiomyocytes. <i>Biochemical Journal</i> , 2012, 447, 301-311.	1.7	27
94	Role of androgens in dhea-induced rack1 expression and cytokine modulation in monocytes. <i>Immunity and Ageing</i> , 2016, 13, 20.	1.8	26
95	The Neurosteroidogenic Enzyme 5 $\alpha$ -Reductase Mediates Psychotic-Like Complications of Sleep Deprivation. <i>Neuropsychopharmacology</i> , 2017, 42, 2196-2205.	2.8	26
96	Olive oil phenolic extract regulates interleukin-8 expression by transcriptional and posttranscriptional mechanisms in Caco-2 cells. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1217-1221.	1.5	24
97	Targeting neurosteroid synthesis as a therapy for schizophrenia-related alterations induced by early psychosocial stress. <i>Schizophrenia Research</i> , 2015, 168, 640-648.	1.1	24
98	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. <i>Endocrinology</i> , 2016, 157, 3983-3993.	1.4	24
99	Ultrafine particles (UFPs) from domestic wood stoves: genotoxicity in human lung carcinoma A549 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 820, 39-46.	0.9	24
100	Insights on wood combustion generated proinflammatory ultrafine particles (UFP). <i>Toxicology Letters</i> , 2017, 266, 74-84.	0.4	24
101	Diabetes induces mitochondrial dysfunction and alters cholesterol homeostasis and neurosteroidogenesis in the rat cerebral cortex. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 108-116.	1.2	24
102	Enhanced axonal neuregulin-1 type-III signaling ameliorates neurophysiology and hypomyelination in a Charcot-Marie-Tooth type 1B mouse model. <i>Human Molecular Genetics</i> , 2019, 28, 992-1006.	1.4	24
103	Cholesta-5,7,9(11)-trien-3 beta-ol found in plasma of patients with Smith-Lemli-Opitz syndrome indicates formation of sterol hydroperoxide. <i>Journal of Lipid Research</i> , 1996, 37, 2280-7.	2.0	24
104	Sex differences in the manifestation of peripheral diabetic neuropathy in gonadectomized rats: A correlation with the levels of neuroactive steroids in the sciatic nerve. <i>Experimental Neurology</i> , 2011, 228, 215-221.	2.0	23
105	Diabetes alters myelin lipid profile in rat cerebral cortex: Protective effects of dihydroprogesterone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 168, 60-70.	1.2	23
106	Short-term effects of diabetes on neurosteroidogenesis in the rat hippocampus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 167, 135-143.	1.2	23
107	Zc3h10 is a novel mitochondrial regulator. <i>EMBO Reports</i> , 2018, 19, .	2.0	23
108	Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. <i>Biology of Sex Differences</i> , 2018, 9, 6.	1.8	23

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109	Centella asiatica L. Phytosome Improves Cognitive Performance by Promoting Bdnf Expression in Rat Prefrontal Cortex. <i>Nutrients</i> , 2020, 12, 355.	1.7	23
110	Liquid chromatography-tandem mass spectrometry for simultaneous measurement of thromboxane B2 and 12(S)-hydroxyeicosatetraenoic acid in serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 256-262.	1.4	22
111	Analysis of cyclooxygenase and lipoxygenase products in incubation media. <i>Prostaglandins</i> , 1984, 27, 361-363.	1.2	21
112	Sex-dimorphic effects of dehydroepiandrosterone in diabetic neuropathy. <i>Neuroscience</i> , 2011, 199, 401-409.	1.1	21
113	Inhibition of NF- $\kappa$ B Activity by Minor Polar Components of Extra-Virgin Olive Oil at Gastric Level. <i>Phytotherapy Research</i> , 2012, 26, 1569-1571.	2.8	21
114	Inhibition of Neutrophil Elastase and Metalloprotease-9 of Human Adenocarcinoma Gastric Cells by Chamomile ( <i>Matricaria recutita</i> L.) Infusion. <i>Phytotherapy Research</i> , 2012, 26, 1817-1822.	2.8	21
115	Intermittent Fasting Applied in Combination with Rotenone Treatment Exacerbates Dopamine Neurons Degeneration in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 4.	1.8	21
116	High-Density Lipoprotein Function Is Reduced in Patients Affected by Genetic or Idiopathic Hypogonadism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3097-3107.	1.8	21
117	Zc3h10 regulates adipogenesis by controlling translation and F-actin/mitochondria interaction. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	21
118	Arachidonic acid cyclooxygenase and lipoxygenase pathways are differently activated by platelet activating factor and the calcium-ionophore A23187 in a primary culture of astroglial cells. <i>Developmental Brain Research</i> , 1991, 63, 221-227.	2.1	20
119	Rapid down-regulation of hepatic lipid metabolism by phenolic fraction from extra virgin olive oil. <i>European Journal of Nutrition</i> , 2015, 54, 823-833.	1.8	18
120	Oncogenic H-Ras Expression Induces Fatty Acid Profile Changes in Human Fibroblasts and Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3515.	1.8	18
121	PGC1s and Beyond: Disentangling the Complex Regulation of Mitochondrial and Cellular Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6913.	1.8	18
122	Bile acid signaling to the nucleus: finding new connections in the transcriptional regulation of metabolic pathways. <i>Biochimie</i> , 2004, 86, 771-778.	1.3	17
123	Reduced biliary sterol output with no change in total faecal excretion in mice expressing a human apolipoprotein A-variant. <i>Liver International</i> , 2012, 32, 1363-1371.	1.9	17
124	Liver X receptors, nervous system, and lipid metabolism. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 435-43.	1.8	17
125	Multimodal Analysis in Acute and Chronic Experimental Autoimmune Encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 238-250.	2.1	16
126	Effect of the 5 $\alpha$ -reductase enzyme inhibitor dutasteride in the brain of intact and parkinsonian mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 174, 242-256.	1.2	16



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127	Steroidogenic machinery in the adult rat colon. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 203, 105732.	1.2	16
128	Lipidomic analysis of cancer cells cultivated at acidic pH reveals phospholipid fatty acids remodelling associated with transcriptional reprogramming. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 963-973.	2.5	16
129	When Food Meets Man: the Contribution of Epigenetics to Health. <i>Nutrients</i> , 2010, 2, 551-571.	1.7	14
130	Mitochondrial dysfunction increases fatty acid $\beta$ -oxidation and translates into impaired neuroblast maturation. <i>FEBS Letters</i> , 2019, 593, 3173-3189.	1.3	14
131	Epigenome modifiers and metabolic rewiring: New frontiers in therapeutics. , 2019, 193, 178-193.		13
132	Schwann Cell Autocrine and Paracrine Regulatory Mechanisms, Mediated by Allopregnanolone and BDNF, Modulate PKC $\delta$ in Peripheral Sensory Neurons. <i>Cells</i> , 2020, 9, 1874.	1.8	13
133	A particle beam-liquid chromatography-mass spectrometry method for the determination of lipoxigenase metabolites of arachidonic acid. <i>Analytical Biochemistry</i> , 1992, 201, 356-361.	1.1	12
134	Identification of 3 $\beta$ -hydroxy-5 $\alpha$ -cholest-6-ene-5-hydroperoxide in human oxidized LDL. <i>Chemistry and Physics of Lipids</i> , 1996, 79, 181-186.	1.5	12
135	Oxysterols from oxidized LDL are cytotoxic but fail to induce hsp70 expression in endothelial cells. <i>FEBS Letters</i> , 1999, 462, 113-116.	1.3	11
136	Inhibition of class I HDACs imprints adipogenesis toward oxidative and brown-like phenotype. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158594.	1.2	11
137	Exploring the Impact of the Microbiome on Neuroactive Steroid Levels in Germ-Free Animals. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12551.	1.8	11
138	Arachidonic acid metabolism in HEL/30 murine epidermal Cell Line. <i>Archives of Dermatological Research</i> , 1988, 280, 437-442.	1.1	10
139	Differential effects of oral administrations to human volunteers of acetylsalicylic acid, sodium salicylate and indomethacin on 12-hydroxyeicosatetraenoic acid formation by stimulated platelets. <i>Thrombosis Research</i> , 1988, 52, 197-206.	0.8	10
140	Synthesis of long-chain polyunsaturated fatty acids is inhibited in vivo in hypercholesterolemic rabbits and in vitro by oxysterols. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2004, 71, 79-86.	1.0	10
141	Altered methylation pattern of the SRD5A2 gene in the cerebrospinal fluid of post-finasteride patients: a pilot study. <i>Endocrine Connections</i> , 2019, 8, 1118-1125.	0.8	10
142	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. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 268-280.	2.0	10
143	Energizing Genetics and Epi-genetics: Role in the Regulation of Mitochondrial Function. <i>Current Genomics</i> , 2015, 15, 436-456.	0.7	10
144	High pressure liquid chromatography and electrospray ionization mass spectrometry are advantageously integrated into a two-levels approach to detection and identification of haemoglobin variants. <i>International Journal of Laboratory Hematology</i> , 2005, 27, 111-119.	0.2	9

#	ARTICLE	IF	CITATIONS
145	Gut Steroids and Microbiota: Effect of Gonadectomy and Sex. <i>Biomolecules</i> , 2022, 12, 767.	1.8	9
146	Extracts of Ginkgo biloba L. leaves and Vaccinium myrtillus L. fruits prevent photo induced oxidation of low density lipoprotein cholesterol. <i>Phytomedicine</i> , 1997, 3, 335-338.	2.3	8
147	Untargeted Metabolomics to Go beyond the Canonical Effect of Acetylsalicylic Acid. <i>Journal of Clinical Medicine</i> , 2020, 9, 51.	1.0	8
148	Elovl5 is required for proper action potential conduction along peripheral myelinated fibers. <i>Glia</i> , 2021, 69, 2419-2428.	2.5	8
149	Paroxetine effects in adult male rat colon: Focus on gut steroidogenesis and microbiota. <i>Psychoneuroendocrinology</i> , 2022, 143, 105828.	1.3	8
150	Sterol regulatory element binding protein1C knockout mice show altered neuroactive steroid levels in sciatic nerve. <i>Journal of Neurochemistry</i> , 2017, 142, 420-428.	2.1	7
151	Effects of paroxetine treatment and its withdrawal on neurosteroidogenesis. <i>Psychoneuroendocrinology</i> , 2021, 132, 105364.	1.3	7
152	On the Redox-Activity and Health-Effects of Atmospheric Primary and Secondary Aerosol: Phenomenology. <i>Atmosphere</i> , 2022, 13, 704.	1.0	7
153	Effect of single oral administrations of non steroidal antiinflammatory drugs to healthy volunteers on arachidonic acid metabolism in peripheral polymorphonuclear and mononuclear leukocytes. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1988, 34, 167-174.	1.0	6
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155	Investigating metabolism by mass spectrometry: From steady state to dynamic view. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4658.	0.7	6
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157	Sex dimorphism in an animal model of multiple sclerosis: Focus on pregnenolone synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 199, 105596.	1.2	5
158	Plasma oxysterols in normal and cholestatic children as indicators of the two pathways of bile acid synthesis. <i>Clinica Chimica Acta</i> , 2008, 395, 84-88.	0.5	4
159	Identification of a novel off-target of paroxetine: Possible role in sexual dysfunction induced by this SSRI antidepressant drug. <i>Journal of Molecular Structure</i> , 2022, 1268, 133690.	1.8	4
160	Mass spectrometry and DNA sequencing are complementary techniques for characterizing hemoglobin variants: the example of hemoglobin J-Oxford. <i>Haematologica</i> , 2004, 89, 608-9.	1.7	3
161	Bile acids and gene regulation: from nuclear receptors to chromatin. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6276.	3.0	2
162	The First Case of Hb G-Honolulu [ $\epsilon$ 30(B11)Glu $\rightarrow$ Gln (GAG $\rightarrow$ CAG); HBA2:c.91G $\rightarrow$ A] Observed in Association with Hb S [ $\beta$ 6(A3)Glu $\rightarrow$ Val, GAG $\rightarrow$ GTC] in a Healthy Italian Child. <i>Hemoglobin</i> , 2012, 36, 73-79.	0.4	1

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164	Lipid peroxidation during aging in watanabe rabbits as determined by lipoprotein and tissue oxysterols. <i>Atherosclerosis</i> , 1999, 144, 48.	0.4	0
165	In vivo evaluation of the two metabolic pathways of cholesterol catabolism in normal human subjects and in patients with liver disease. <i>Journal of Hepatology</i> , 2003, 38, 196.	1.8	0
166	Tu-P8:330 Nuclear factor of activated T-cells (NFAT) couples innate immunity programming to cholesterol metabolism in monocyte-macrophages. <i>Atherosclerosis Supplements</i> , 2006, 7, 257.	1.2	0
167	46th International Conference on the Bioscience of Lipids. <i>Future Lipidology</i> , 2006, 1, 139-142.	0.5	0
168	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. <i>SpringerPlus</i> , 2015, 4, L45.	1.2	0
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