

Nico Mitro

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,113
citations

66315

42
h-index

85498

71
g-index

135
all docs

135
docs citations

135
times ranked

9572
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Interferon regulatory factor 1 (IRF1) controls the metabolic programmes of low-grade pancreatic cancer cells. <i>Gut</i> , 2023, 72, 109-128. | 6.1 | 2 |
| 2 | Oxidative pentose phosphate pathway controls vascular mural cell coverage by regulating extracellular matrix composition. <i>Nature Metabolism</i> , 2022, 4, 123-140. | 5.1 | 10 |
| 3 | 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 |
| 4 | Metabolomic signature and mitochondrial dynamics outline the difference between vulnerability and resilience to chronic stress. <i>Translational Psychiatry</i> , 2022, 12, 87. | 2.4 | 17 |
| 5 | Ejection of damaged mitochondria and their removal by macrophages ensure efficient thermogenesis in brown adipose tissue. <i>Cell Metabolism</i> , 2022, 34, 533-548.e12. | 7.2 | 91 |
| 6 | Loss of voltage-gated hydrogen channel 1 expression reveals heterogeneous metabolic adaptation to intracellular acidification by T cells. <i>JCI Insight</i> , 2022, 7, . | 2.3 | 7 |
| 7 | Monocarboxylate transporter 1 deficiency impacts CD8+ T lymphocytes proliferation and recruitment to adipose tissue during obesity. <i>IScience</i> , 2022, 25, 104435. | 1.9 | 12 |
| 8 | Changes in the lipidome of water buffalo milk during intramammary infection by non-aureus Staphylococci. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 1 |
| 9 | Transient rapamycin treatment during developmental stage extends lifespan in <i>Mus musculus</i> and <i>Drosophila melanogaster</i> . <i>EMBO Reports</i> , 2022, 23, . | 2.0 | 13 |
| 10 | Investigating metabolism by mass spectrometry: From steady state to dynamic view. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4658. | 0.7 | 6 |
| 11 | Caloric Restriction Promotes Immunometabolic Reprogramming Leading to Protection from Tuberculosis. <i>Cell Metabolism</i> , 2021, 33, 300-318.e12. | 7.2 | 35 |
| 12 | Zc3h10 regulates adipogenesis by controlling translation and F-actin/mitochondria interaction. <i>Journal of Cell Biology</i> , 2021, 220, . | 2.3 | 21 |
| 13 | Metabolic control of DNA methylation in naive pluripotent cells. <i>Nature Genetics</i> , 2021, 53, 215-229. | 9.4 | 35 |
| 14 | Ca ²⁺ overload- and ROS-associated mitochondrial dysfunction contributes to Î-tocotrienol-mediated paraptosis in melanoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 277-292. | 2.2 | 39 |
| 15 | Elovl5 is required for proper action potential conduction along peripheral myelinated fibers. <i>Glia</i> , 2021, 69, 2419-2428. | 2.5 | 8 |
| 16 | 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 |
| 17 | PCSK9 deficiency rewires heart metabolism and drives heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2021, 42, 3078-3090. | 1.0 | 50 |
| 18 | Transcriptomic Profile Reveals Deregulation of Hearing-Loss Related Genes in Vestibular Schwannoma Cells Following Electromagnetic Field Exposure. <i>Cells</i> , 2021, 10, 1840. | 1.8 | 3 |

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|----|---|-----|-----------|
| 19 | Histone Deacetylase 3 Regulates Adipocyte Phenotype at Early Stages of Differentiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9300. | 1.8 | 6 |
| 20 | PCSK9 deficiency and heart metabolism. <i>Atherosclerosis</i> , 2021, 331, e15. | 0.4 | 1 |
| 21 | The untargeted lipidomic profile of quarter milk from dairy cows with subclinical intramammary infection by non-aureus staphylococci. <i>Journal of Dairy Science</i> , 2021, 104, 10268-10281. | 1.4 | 12 |
| 22 | The mitochondrial protein Opa1 promotes adipocyte browning that is dependent on urea cycle metabolites. <i>Nature Metabolism</i> , 2021, 3, 1633-1647. | 5.1 | 42 |
| 23 | 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 |
| 24 | Hepatic ER α accounts for sex differences in the ability to cope with an excess of dietary lipids. <i>Molecular Metabolism</i> , 2020, 32, 97-108. | 3.0 | 50 |
| 25 | Low-protein/high-carbohydrate diet induces AMPK-dependent canonical and non-canonical thermogenesis in subcutaneous adipose tissue. <i>Redox Biology</i> , 2020, 36, 101633. | 3.9 | 18 |
| 26 | 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 |
| 27 | “The Loss of Golden Touch” Mitochondria-Organelle Interactions, Metabolism, and Cancer. <i>Cells</i> , 2020, 9, 2519. | 1.8 | 14 |
| 28 | Mitochondrial functional and structural impairment is involved in the antitumor activity of Î-tocotrienol in prostate cancer cells. <i>Free Radical Biology and Medicine</i> , 2020, 160, 376-390. | 1.3 | 17 |
| 29 | Neuronal Ablation of CoA Synthase Causes Motor Deficits, Iron Dyshomeostasis, and Mitochondrial Dysfunctions in a CoPAN Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9707. | 1.8 | 9 |
| 30 | The oligosaccharide portion of ganglioside GM1 regulates mitochondrial function in neuroblastoma cells. <i>Glycoconjugate Journal</i> , 2020, 37, 293-306. | 1.4 | 18 |
| 31 | 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 |
| 32 | Epigenome modifiers and metabolic rewiring: New frontiers in therapeutics. , 2019, 193, 178-193. | | 13 |
| 33 | Physical Exercise Affects Adipose Tissue Profile and Prevents Arterial Thrombosis in BDNF Val66Met Mice. <i>Cells</i> , 2019, 8, 875. | 1.8 | 16 |
| 34 | Mitochondrial dysfunction increases fatty acid Î-oxidation and translates into impaired neuroblast maturation. <i>FEBS Letters</i> , 2019, 593, 3173-3189. | 1.3 | 14 |
| 35 | 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 |
| 36 | Ketogenic Diet: A New Light Shining on Old but Gold Biochemistry. <i>Nutrients</i> , 2019, 11, 2497. | 1.7 | 62 |

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|----|---|-----|-----------|
| 37 | Extracellular matrix mechanical cues regulate lipid metabolism through Lipin-1 and SREBP. <i>Nature Cell Biology</i> , 2019, 21, 338-347. | 4.6 | 135 |
| 38 | Long-term efficacy of docosahexaenoic acid (DHA) for Spinocerebellar Ataxia 38 (SCA38) treatment: An open label extension study. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 191-194. | 1.1 | 19 |
| 39 | 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 |
| 40 | Zc3h10 is a novel mitochondrial regulator. <i>EMBO Reports</i> , 2018, 19, . | 2.0 | 23 |
| 41 | Fenofibrate attenuates cardiac and renal alterations in young salt-loaded spontaneously hypertensive stroke-prone rats through mitochondrial protection. <i>Journal of Hypertension</i> , 2018, 36, 1129-1146. | 0.3 | 14 |
| 42 | Neuroactive steroids and diabetic complications in the nervous system. <i>Frontiers in Neuroendocrinology</i> , 2018, 48, 58-69. | 2.5 | 29 |
| 43 | <i>In vitro</i> and <i>in vivo</i> evaluation of silk fibroin functionalized with GABA and allopregnanolone for Schwann cell and neuron survival. <i>Regenerative Medicine</i> , 2018, 13, 141-157. | 0.8 | 11 |
| 44 | 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 |
| 45 | Gender-related metabolomics and lipidomics: From experimental animal models to clinical evidence. <i>Journal of Proteomics</i> , 2018, 178, 82-91. | 1.2 | 34 |
| 46 | 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 |
| 47 | Impact of LDL receptor on lymphocytes T cell differentiation and function. <i>Atherosclerosis</i> , 2018, 275, e21-e22. | 0.4 | 2 |
| 48 | Mitochondria, lysosomes, and dysfunction: their meaning in neurodegeneration. <i>Journal of Neurochemistry</i> , 2018, 147, 291-309. | 2.1 | 84 |
| 49 | Fatty acid metabolism complements glycolysis in the selective regulatory T cell expansion during tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6546-E6555. | 3.3 | 234 |
| 50 | 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 |
| 51 | PPAR Agonists and Metabolic Syndrome: An Established Role?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1197. | 1.8 | 165 |
| 52 | Sustained activation of detoxification pathways promotes liver carcinogenesis in response to chronic bile acid-mediated damage. <i>PLoS Genetics</i> , 2018, 14, e1007380. | 1.5 | 6 |
| 53 | Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. <i>Biology of Sex Differences</i> , 2018, 9, 6. | 1.8 | 23 |
| 54 | Myeloid apolipoprotein E controls dendritic cell antigen presentation and T cell activation. <i>Nature Communications</i> , 2018, 9, 3083. | 5.8 | 95 |

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|----|--|-----|-----------|
| 55 | Short-Term Fasting Reveals Amino Acid Metabolism as a Major Sex-Discriminating Factor in the Liver. <i>Cell Metabolism</i> , 2018, 28, 256-267.e5. | 7.2 | 109 |
| 56 | 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 |
| 57 | Obesity-Induced Metabolic Stress Leads to Biased Effector Memory CD4 + T Cell Differentiation via PI3K p110 β -Akt-Mediated Signals. <i>Cell Metabolism</i> , 2017, 25, 593-609. | 7.2 | 124 |
| 58 | Sterol regulatory element binding protein β 1C knockout mice show altered neuroactive steroid levels in sciatic nerve. <i>Journal of Neurochemistry</i> , 2017, 142, 420-428. | 2.1 | 7 |
| 59 | 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 |
| 60 | Impaired fatty acid synthesis affects immune cells activation: Focus on sterol regulatory element binding factor-1c on T lymphocytes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, e9-e10. | 1.1 | 0 |
| 61 | microRNA 221 Targets ADAM10 mRNA and is Downregulated in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 113-123. | 1.2 | 64 |
| 62 | Docosahexaenoic acid is a beneficial replacement treatment for spinocerebellar ataxia 38. <i>Annals of Neurology</i> , 2017, 82, 615-621. | 2.8 | 30 |
| 63 | Liver ER α regulates AgRP neuronal activity in the arcuate nucleus of female mice. <i>Scientific Reports</i> , 2017, 7, 1194. | 1.6 | 14 |
| 64 | HDAC3 is a molecular brake of the metabolic switch supporting white adipose tissue browning. <i>Nature Communications</i> , 2017, 8, 93. | 5.8 | 68 |
| 65 | The ATP-binding cassette transporter A1 regulates phosphoantigen release and V β 9V α 2 T cell activation by dendritic cells. <i>Nature Communications</i> , 2017, 8, 15663. | 5.8 | 57 |
| 66 | Non-insulin anti-diabetic drugs: An update on pharmacological interactions. <i>Pharmacological Research</i> , 2017, 115, 14-24. | 3.1 | 19 |
| 67 | 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 |
| 68 | Motor Deficits and Cerebellar Atrophy in Elov5 Knock Out Mice. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 343. | 1.8 | 29 |
| 69 | 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 |
| 70 | Inter-Laboratory Robustness of Next-Generation Bile Acid Study in Mice and Humans: International Ring Trial Involving 12 Laboratories. <i>Journal of Applied Laboratory Medicine</i> , The, 2016, 1, 129-142. | 0.6 | 30 |
| 71 | Clinical and neuroradiological features of spinocerebellar ataxia 38 (SCA38). <i>Parkinsonism and Related Disorders</i> , 2016, 28, 80-86. | 1.1 | 27 |
| 72 | An Essential Role for Liver ER α in Coupling Hepatic Metabolism to the Reproductive Cycle. <i>Cell Reports</i> , 2016, 15, 360-371. | 2.9 | 90 |

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|----|--|-----|-----------|
| 73 | <sc>FABP</sc> 1 in wonderland. Journal of Neurochemistry, 2016, 138, 371-373. | 2.1 | 7 |
| 74 | Ring finger protein 10 is a novel synaptonuclear messenger encoding activation of NMDA receptors in hippocampus. ELife, 2016, 5, e12430. | 2.8 | 39 |
| 75 | ATP-Binding-Cassette A1 Regulates Extracellular Isopentenyl Pyrophosphate Release and V β 2 T-Cell Activation By Dendritic Cells. Blood, 2016, 128, 3709-3709. | 0.6 | 0 |
| 76 | 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 |
| 77 | Olive oil phenolic extract regulates interleukin-8 expression by transcriptional and posttranscriptional mechanisms in Caco-2 cells. Molecular Nutrition and Food Research, 2015, 59, 1217-1221. | 1.5 | 24 |
| 78 | Neuroactive steroids and the peripheral nervous system: An update. Steroids, 2015, 103, 23-30. | 0.8 | 46 |
| 79 | Dihydrotestosterone as a Protective Agent in Chronic Experimental Autoimmune Encephalomyelitis. Neuroendocrinology, 2015, 101, 296-308. | 1.2 | 35 |
| 80 | 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 |
| 81 | 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 |
| 82 | Energizing Genetics and Epi-genetics: Role in the Regulation of Mitochondrial Function. Current Genomics, 2015, 15, 436-456. | 0.7 | 10 |
| 83 | 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 |
| 84 | The sirtuin class of histone deacetylases: Regulation and roles in lipid metabolism. IUBMB Life, 2014, 66, 89-99. | 1.5 | 37 |
| 85 | ELOVL5 Mutations Cause Spinocerebellar Ataxia 38. American Journal of Human Genetics, 2014, 95, 209-217. | 2.6 | 107 |
| 86 | LT175 Is a Novel PPAR β Ligand with Potent Insulin-sensitizing Effects and Reduced Adipogenic Properties. Journal of Biological Chemistry, 2014, 289, 6908-6920. | 1.6 | 33 |
| 87 | 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 |
| 88 | Site-Directed Mutagenesis to Study the Role of Specific Amino Acids in the Ligand Binding Domain of PPARs. Methods in Molecular Biology, 2013, 952, 137-144. | 0.4 | 3 |
| 89 | 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 |
| 90 | Fluorescence Resonance Energy Transfer Techniques to Study Ligand-Mediated Interactions of PPARs with Coregulators. Methods in Molecular Biology, 2013, 952, 219-227. | 0.4 | 4 |

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| 91 | Liver X receptors, nervous system, and lipid metabolism. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 435-43. | 1.8 | 17 |
| 92 | 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 |
| 93 | 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 |
| 94 | Synthesis, Characterization and Biological Evaluation of Ureidofibrate-Like Derivatives Endowed with Peroxisome Proliferator-Activated Receptor Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 37-54. | 2.9 | 46 |
| 95 | 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 |
| 96 | Linking epigenetics to lipid metabolism: Focus on histone deacetylases. <i>Molecular Membrane Biology</i> , 2012, 29, 257-266. | 2.0 | 43 |
| 97 | Role of Neuroactive Steroids in the Peripheral Nervous System. <i>Frontiers in Endocrinology</i> , 2011, 2, 104. | 1.5 | 42 |
| 98 | When Food Meets Man: the Contribution of Epigenetics to Health. <i>Nutrients</i> , 2010, 2, 551-571. | 1.7 | 14 |
| 99 | Effects of FoxO4 overexpression on cholesterol biosynthesis, triacylglycerol accumulation, and glucose uptake. <i>Journal of Lipid Research</i> , 2010, 51, 1312-1324. | 2.0 | 19 |
| 100 | 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 |
| 101 | Structural Insight into Peroxisome Proliferator-Activated Receptor β Binding of Two Ureidofibrate-Like Enantiomers by Molecular Dynamics, Cofactor Interaction Analysis, and Site-Directed Mutagenesis. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4354-4366. | 2.9 | 47 |
| 102 | Sterol-Protein Interactions in Cholesterol and Bile Acid Synthesis. <i>Sub-Cellular Biochemistry</i> , 2010, 51, 109-135. | 1.0 | 5 |
| 103 | Histone Deacetylase inhibitors modulate mitochondrial biogenesis in skeletal muscle. <i>FASEB Journal</i> , 2010, 24, lb119. | 0.2 | 1 |
| 104 | Characterization of two synthetic ligands of peroxisome proliferator-activated receptor β (PPAR β) by cofactor recruitment, site-directed mutagenesis and structure analysis. <i>FASEB Journal</i> , 2010, 24, lb200. | 0.2 | 0 |
| 105 | Study of 1,4-Dihydropyridine Structural Scaffold: Discovery of Novel Sirtuin Activators and Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5496-5504. | 2.9 | 147 |
| 106 | [65] ANTIDIABETIC AND ANTI-OBESITY ACTIVITY OF A NOVEL DUAL PEROXYISOME PROLIFERATOR ACTIVATED RECEPTORS ALPHA/GAMMA LIGAND: A NEW SCAFFOLD MOLECULE DEVOID OF SOME SIDE-EFFECTS OF PPAR LIGANDS?. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, S16-S17. | 1.1 | 0 |
| 107 | Treatment with LXR agonists after focal cerebral ischemia prevents brain damage. <i>FEBS Letters</i> , 2008, 582, 3396-3400. | 1.3 | 40 |
| 108 | Gene Set Enrichment in eQTL Data Identifies Novel Annotations and Pathway Regulators. <i>PLoS Genetics</i> , 2008, 4, e1000070. | 1.5 | 90 |

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|-----|--|------|-----------|
| 109 | Dissection of the Insulin-Sensitizing Effect of Liver X Receptor Ligands. <i>Molecular Endocrinology</i> , 2007, 21, 3002-3012. | 3.7 | 63 |
| 110 | Insights into the Mechanism of Partial Agonism. <i>Journal of Biological Chemistry</i> , 2007, 282, 17314-17324. | 1.6 | 105 |
| 111 | The Small Molecule Harmine Is an Antidiabetic Cell-Type-Specific Regulator of PPAR γ Expression. <i>Cell Metabolism</i> , 2007, 5, 357-370. | 7.2 | 180 |
| 112 | T0901317 is a potent PXR ligand: Implications for the biology ascribed to LXR. <i>FEBS Letters</i> , 2007, 581, 1721-1726. | 1.3 | 206 |
| 113 | N-Acylthiadiazolines, a New Class of Liver X Receptor Agonists with Selectivity for LXR β . <i>Journal of Medicinal Chemistry</i> , 2007, 50, 4255-4259. | 2.9 | 55 |
| 114 | Insights in the regulation of cholesterol 7 α -hydroxylase gene reveal a target for modulating bile acid synthesis. <i>Hepatology</i> , 2007, 46, 885-897. | 3.6 | 47 |
| 115 | The nuclear receptor LXR is a glucose sensor. <i>Nature</i> , 2007, 445, 219-223. | 13.7 | 475 |
| 116 | Age-related changes in bile acid synthesis and hepatic nuclear receptor expression. <i>European Journal of Clinical Investigation</i> , 2007, 37, 501-508. | 1.7 | 52 |
| 117 | The pharmacological exploitation of cholesterol 7 α -hydroxylase, the key enzyme in bile acid synthesis: from binding resins to chromatin remodelling to reduce plasma cholesterol. , 2007, 116, 449-472. | | 57 |
| 118 | Lipid sensing and lipid sensors. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2477-2491. | 2.4 | 30 |
| 119 | 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 |
| 120 | Decreased hepatic expression of PPAR-gamma coactivator-1 in cholesterol cholelithiasis. <i>European Journal of Clinical Investigation</i> , 2006, 36, 170-175. | 1.7 | 33 |
| 121 | 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 |
| 122 | Synthesis, Biological Evaluation, and Molecular Modeling Investigation of New Chiral Fibrates with PPAR α and PPAR γ Agonist Activity. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5509-5519. | 2.9 | 52 |
| 123 | Regulation of A2B adenosine receptor functioning by tumour necrosis factor α in human astroglial cells. <i>Journal of Neurochemistry</i> , 2004, 91, 1180-1190. | 2.1 | 62 |
| 124 | Lipid-activated nuclear receptors: from gene transcription to the control of cellular metabolism. <i>European Journal of Lipid Science and Technology</i> , 2004, 106, 432-450. | 1.0 | 10 |
| 125 | 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 |
| 126 | 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 |

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|-----|---|-----|-----------|
| 127 | 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 |
| 128 | Inhibition of metalloproteinase-9 activity and gene expression by polyphenolic compounds isolated from the bark of <i>Tristania calobuxus</i> (Myrtaceae). <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 1440-1448. | 2.4 | 31 |
| 129 | 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 |
| 130 | The Negative Effects of Bile Acids and Tumor Necrosis Factor- α on the Transcription of Cholesterol 7 α -Hydroxylase Gene (CYP7A1) Converge to Hepatic Nuclear Factor-4. <i>Journal of Biological Chemistry</i> , 2001, 276, 30708-30716. | 1.6 | 166 |