

# Claudio Caccia

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,680  
citations

257101

24  
h-index

288905

40  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effects of milk thistle ( <i>Silybum marianum</i> ) seed oil and $\alpha$ -tocopherol against $\beta$ -hydroxycholesterol-induced peroxisomal alterations in murine C2C12 myoblasts: Nutritional insights associated with the concept of pexotherapy. <i>Steroids</i> , 2022, 183, 109032.	0.8	9
2	Oxysterols present in Alzheimer's disease brain induce synaptotoxicity by activating astrocytes: A major role for lipocalin-2. <i>Redox Biology</i> , 2021, 39, 101837.	3.9	35
3	Insights into kinetics, release, and behavioral effects of brain-targeted hybrid nanoparticles for cholesterol delivery in Huntington's disease. <i>Journal of Controlled Release</i> , 2021, 330, 587-598.	4.8	33
4	<i>SREBP2</i> gene therapy targeting striatal astrocytes ameliorates Huntington's disease phenotypes. <i>Brain</i> , 2021, 144, 3175-3190.	3.7	17
5	Trend of 25-hydroxycholesterol and 27-hydroxycholesterol plasma levels in patients affected by active chronic hepatitis B virus infection and inactive carriers. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 210, 105854.	1.2	7
6	The cholesterol metabolite 27-hydroxycholesterol inhibits SARS-CoV-2 and is markedly decreased in COVID-19 patients. <i>Redox Biology</i> , 2020, 36, 101682.	3.9	73
7	Teaching NeuroImages: Symmetrical abnormalities of the globi pallidi in succinic semialdehyde dehydrogenase deficiency. <i>Neurology</i> , 2020, 95, e2316-e2317.	1.5	2
8	Molecular Genetics of Niemann-Pick Type C Disease in Italy: An Update on 105 Patients and Description of 18 NPC1 Novel Variants. <i>Journal of Clinical Medicine</i> , 2020, 9, 679.	1.0	21
9	Involvement of 27-Hydroxycholesterol in Mitotane Action on Adrenocortical Carcinoma. <i>Cells</i> , 2020, 9, 885.	1.8	2
10	Striatal infusion of cholesterol promotes dose-dependent behavioral benefits and exerts disease-modifying effects in Huntington's disease mice. <i>EMBO Molecular Medicine</i> , 2020, 12, e12519.	3.3	13
11	Antiviral oxysterols are present in human milk at diverse stages of lactation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105424.	1.2	21
12	Dimethyl fumarate and monomethyl fumarate attenuate oxidative stress and mitochondrial alterations leading to oxiaoptophagy in 158N murine oligodendrocytes treated with $\beta$ -hydroxycholesterol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 194, 105432.	1.2	24
13	Purple corn extract induces long-lasting reprogramming and M2 phenotypic switch of adipose tissue macrophages in obese mice. <i>Journal of Translational Medicine</i> , 2019, 17, 237.	1.8	27
14	Octadecaneuropeptide (ODN) Induces N2a Cells Differentiation through a PKA/PLC/PKC/MEK/ERK-Dependent Pathway: Incidence on Peroxisome, Mitochondria, and Lipid Profiles. <i>Molecules</i> , 2019, 24, 3310.	1.7	19
15	Biotin attenuation of oxidative stress, mitochondrial dysfunction, lipid metabolism alteration and $\beta$ -hydroxycholesterol-induced cell death in 158N murine oligodendrocytes. <i>Free Radical Research</i> , 2019, 53, 535-561.	1.5	29
16	Hsp22 overexpression induces myocardial hypertrophy, senescence and reduced life span through enhanced oxidative stress. <i>Free Radical Biology and Medicine</i> , 2019, 137, 194-200.	1.3	17
17	Increased production of 27-hydroxycholesterol in human colorectal cancer advanced stage: Possible contribution to cancer cell survival and infiltration. <i>Free Radical Biology and Medicine</i> , 2019, 136, 35-44.	1.3	28
18	First international descriptive and interventional survey for cholesterol and non-cholesterol sterol determination by gas- and liquid-chromatography—Urgent need for harmonisation of analytical methods. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 190, 115-125.	1.2	28

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19	CRISPR/Cas9-mediated knockout of Abcd1 and Abcd2 genes in BV-2 cells: novel microglial models for X-linked Adrenoleukodystrophy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 704-714.	1.2	32
20	Individual Comparison of Cholesterol Metabolism in Normal and Tumour Areas in Radical Prostatectomy Specimens from Patients with Prostate Cancer: Results of the CHOMECAp Study. <i>European Urology Oncology</i> , 2019, 2, 198-206.	2.6	5
21	A microglial cell model for acyl-CoA oxidase 1 deficiency. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 567-576.	1.2	32
22	Intestinal permeability and MÃ©niÃ©re's disease. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2018, 39, 153-156.	0.6	7
23	International descriptive and interventional survey for oxysterol determination by gas- and liquid-chromatographic methods. <i>Biochimie</i> , 2018, 153, 26-32.	1.3	16
24	Induction of peroxisomal changes in oligodendrocytes treated with 7-ketocholesterol: Attenuation by Î±-tocopherol. <i>Biochimie</i> , 2018, 153, 181-202.	1.3	37
25	Lipid accumulation in human breast cancer cells injured by iron depletors. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 75.	3.5	17
26	Mitochondrial dysfunctions in 7-ketocholesterol-treated 158N oligodendrocytes without or with Î±-tocopherol: Impacts on the cellular profil of tricarboxylic cycle-associated organic acids, long chain saturated and unsaturated fatty acids, oxysterols, cholesterol and cholesterol precursors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 169, 96-110.	1.2	48
27	MIF/CD74 axis is a target for novel therapies in colon carcinomatosis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 16.	3.5	43
28	Early and brain region-specific decrease of de novo cholesterol biosynthesis in Huntington's disease: A cross-validation study in Q175 knock-in mice. <i>Neurobiology of Disease</i> , 2017, 98, 66-76.	2.1	36
29	Inhibition of herpes simplex-1 virus replication by 25-hydroxycholesterol and 27-hydroxycholesterol. <i>Redox Biology</i> , 2017, 12, 522-527.	3.9	47
30	A TSPO ligand prevents mitochondrial sterol accumulation and dysfunction during myocardial ischemia-reperfusion in hypercholesterolemic rats. <i>Biochemical Pharmacology</i> , 2017, 142, 87-95.	2.0	23
31	Regular treadmill exercise inhibits mitochondrial accumulation of cholesterol and oxysterols during myocardial ischemia-reperfusion in wild-type and ob/ob mice. <i>Free Radical Biology and Medicine</i> , 2016, 101, 317-324.	1.3	23
32	In-vivo brain H1-MR-Spectroscopy identification and quantification of 2-hydroxyglutarate in L-2-Hydroxyglutaric aciduria. <i>Brain Research</i> , 2016, 1648, 506-511.	1.1	9
33	Cholesterolâ€loaded nanoparticles ameliorate synaptic and cognitive function in <sc>H</sc> Huntington's disease mice. <i>EMBO Molecular Medicine</i> , 2015, 7, 1547-1564.	3.3	84
34	<i>PEX7</i> Mutations Cause Congenital Cataract Retinopathy and Late-Onset Ataxia and Cognitive		

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37	Somatosensory Conduction Pathway in Spastic Paraplegia Type 5. Journal of Clinical Neurology		
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