

# Luisa Cigliano

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,772  
citations

318942

23  
h-index

325983

40  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of circadian rhythmicity in bdnf knockout zebrafish larvae. <i>IScience</i> , 2022, 25, 104054.	1.9	11
2	Gut and liver metabolic responses to dietary fructose “ are they reversible or persistent after switching to a healthy diet?. <i>Food and Function</i> , 2021, 12, 7557-7568.	2.1	4
3	Fructose Removal from the Diet Reverses Inflammation, Mitochondrial Dysfunction, and Oxidative Stress in Hippocampus. <i>Antioxidants</i> , 2021, 10, 487.	2.2	12
4	Prolonged Changes in Hepatic Mitochondrial Activity and Insulin Sensitivity by High Fructose Intake in Adolescent Rats. <i>Nutrients</i> , 2021, 13, 1370.	1.7	7
5	Prenatal Exposure to BPA: The Effects on Hepatic Lipid Metabolism in Male and Female Rat Fetuses. <i>Nutrients</i> , 2021, 13, 1970.	1.7	16
6	Effects of Late-Life Caloric Restriction on Age-Related Alterations in the Rat Cortex and Hippocampus. <i>Nutrients</i> , 2021, 13, 232.	1.7	4
7	Sweet but Bitter: Focus on Fructose Impact on Brain Function in Rodent Models. <i>Nutrients</i> , 2021, 13, 1.	1.7	155
8	Brain Nrf2 pathway, autophagy, and synaptic function proteins are modulated by a short-term fructose feeding in young and adult rats. <i>Nutritional Neuroscience</i> , 2020, 23, 309-320.	1.5	19
9	Deregulated Local Protein Synthesis in the Brain Synaptosomes of a Mouse Model for Alzheimer’s Disease. <i>Molecular Neurobiology</i> , 2020, 57, 1529-1541.	1.9	25
10	A Short-Term Western Diet Impairs Cholesterol Homeostasis and Key Players of Beta Amyloid Metabolism in Brain of Middle Aged Rats. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 2000541.	1.5	13
11	Adipose Tissue and Brain Metabolic Responses to Western Diet “Is There a Similarity between the Two?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 786.	1.8	15
12	Dietary Supplementation with Fish Oil or Conjugated Linoleic Acid Relieves Depression Markers in Mice by Modulation of the Nrf2 Pathway. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900243.	1.5	25
13	Early Hepatic Oxidative Stress and Mitochondrial Changes Following Western Diet in Middle Aged Rats. <i>Nutrients</i> , 2019, 11, 2670.	1.7	11
14	Effect of Initial Aging and High-Fat/High-Fructose Diet on Mitochondrial Bioenergetics and Oxidative Status in Rat Brain. <i>Molecular Neurobiology</i> , 2019, 56, 7651-7663.	1.9	22
15	24S-hydroxycholesterol affects redox homeostasis in human glial U-87MG cells. <i>Molecular and Cellular Endocrinology</i> , 2019, 486, 25-33.	1.6	8
16	Brain-derived neurotrophic factor modulates cholesterol homeostasis and Apolipoprotein E synthesis in human cell models of astrocytes and neurons. <i>Journal of Cellular Physiology</i> , 2018, 233, 6925-6943.	2.0	33
17	Conjugated linoleic acid prevents age-dependent neurodegeneration in a mouse model of neuropsychiatric lupus via the activation of an adaptive response. <i>Journal of Lipid Research</i> , 2018, 59, 48-57.	2.0	31
18	Short-Term Fructose Feeding Induces Inflammation and Oxidative Stress in the Hippocampus of Young and Adult Rats. <i>Molecular Neurobiology</i> , 2018, 55, 2869-2883.	1.9	50

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19	Early Effects of a Low Fat, Fructose-Rich Diet on Liver Metabolism, Insulin Signaling, and Oxidative Stress in Young and Adult Rats. <i>Frontiers in Physiology</i> , 2018, 9, 411.	1.3	28
20	Age-related changes of metallothionein 1/2 and metallothionein 3 expression in rat brain. <i>Comptes Rendus - Biologies</i> , 2017, 340, 13-17.	0.1	12
21	Dietary fructose causes defective insulin signalling and ceramide accumulation in the liver that can be reversed by gut microbiota modulation. <i>Food and Nutrition Research</i> , 2017, 61, 1331657.	1.2	44
22	Evaluation of serum markers of blood redox homeostasis and inflammation in PCB naturally contaminated heifers undergoing decontamination. <i>Science of the Total Environment</i> , 2016, 542, 653-664.	3.9	6
23	Lecithin-cholesterol acyltransferase in brain: Does oxidative stress influence the 24-hydroxycholesterol esterification?. <i>Neuroscience Research</i> , 2016, 105, 19-27.	1.0	23
24	High Fat Diet and Inflammation – Modulation of Haptoglobin Level in Rat Brain. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 479.	1.8	35
25	Peptide gH625 enters into neuron and astrocyte cell lines and crosses the blood&ndash;brain barrier in&nbsp;rats. <i>International Journal of Nanomedicine</i> , 2015, 10, 1885.	3.3	34
26	Rescue of Fructose-Induced Metabolic Syndrome by Antibiotics or Faecal Transplantation in a Rat Model of Obesity. <i>PLoS ONE</i> , 2015, 10, e0134893.	1.1	135
27	Haptoglobin Modulates Beta-Amyloid Uptake by U-87 MG Astrocyte Cell Line. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 35-47.	1.1	14
28	The effect of high-fat&quot;high-fructose diet on skeletal muscle mitochondrial energetics in adult rats. <i>European Journal of Nutrition</i> , 2015, 54, 183-192.	1.8	29
29	Haptoglobin increases with age in rat hippocampus and modulates Apolipoprotein E mediated cholesterol trafficking in neuroblastoma cell lines. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 212.	1.8	23
30	The enzyme lecithin&ndash;cholesterol acyltransferase esterifies cerebrosterol and limits the toxic effect of this oxysterol on <sc>SH</sc> &lt;sc>SY</sc> 5Y cells. <i>Journal of Neurochemistry</i> , 2014, 130, 97-108.	2.1	15
31	Structure and biological activity of a conformational constrained apolipoprotein A-I-derived helical peptide targeting the protein haptoglobin. <i>RSC Advances</i> , 2014, 4, 51353-51361.	1.7	3
32	Haptoglobin Interacts with Apolipoprotein E and Beta-Amyloid and Influences Their Crosstalk. <i>ACS Chemical Neuroscience</i> , 2014, 5, 837-847.	1.7	39
33	Increased skeletal muscle mitochondrial efficiency in rats with fructose-induced alteration in glucose tolerance. <i>British Journal of Nutrition</i> , 2013, 110, 1996-2003.	1.2	34
34	Analysis of the haptoglobin binding region on the apolipoprotein A&ndash;I-derived P2a peptide. <i>Journal of Peptide Science</i> , 2013, 19, 220-226.	0.8	4
35	Analysis of plasma indices of redox homeostasis in dairy cows reared in polluted areas of Piedmont (northern Italy). <i>Science of the Total Environment</i> , 2012, 433, 450-455.	3.9	9
36	LCAT cholesterol esterification is associated with the increase of ApoE/ApoA-I ratio during atherosclerosis progression in rabbit. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 541-553.	1.3	4

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37	Apolipoprotein A-I (ApoA-I) Mimetic Peptide P2a by Restoring Cholesterol Esterification Unmasks ApoA-I Anti-Inflammatory Endogenous Activity In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 716-722.	1.3	5
38	Differences between the Glycosylation Patterns of Haptoglobin Isolated from Skin Scales and Plasma of Psoriatic Patients. <i>PLoS ONE</i> , 2012, 7, e52040.	1.1	15
39	Identification of plasma haptoglobin forms which loosely bind hemoglobin. <i>Biological Chemistry</i> , 2011, 392, 371-6.	1.2	7
40	EBP1 and DRBP76/NF90 binding proteins are included in the major histocompatibility complex class II RNA operon. <i>Nucleic Acids Research</i> , 2011, 39, 7263-7275.	6.5	15
41	Quantitative determination of haptoglobin glycoform variants in psoriasis. <i>Biological Chemistry</i> , 2010, 391, 1429-39.	1.2	14
42	Haptoglobin binds the antiatherogenic protein apolipoprotein E "impairment of apolipoprotein E stimulation of both lecithin:cholesterol acyltransferase activity and cholesterol uptake by hepatocytes. <i>FEBS Journal</i> , 2009, 276, 6158-6171.	2.2	42
43	Haptoglobin binds apolipoprotein E and influences cholesterol esterification in the cerebrospinal fluid. <i>Journal of Neurochemistry</i> , 2009, 110, 255-263.	2.1	41
44	2-deoxy-d-ribose induces apoptosis by inhibiting the synthesis and increasing the efflux of glutathione. <i>Free Radical Biology and Medicine</i> , 2008, 45, 211-217.	1.3	33
45	Relevance of the amino acid conversions L144R (Zaragoza) and L159P (Zavalla) in the apolipoprotein A-I binding site for haptoglobin. <i>Biological Chemistry</i> , 2008, 389, 1421-1426.	1.2	4
46	Haptoglobin Binding to Apolipoprotein A-I Prevents Damage from Hydroxyl Radicals on Its Stimulatory Activity of the Enzyme Lecithin-Cholesterol Acyl-Transferase. <i>Biochemistry</i> , 2007, 46, 11158-11168.	1.2	46
47	Nitric oxide stimulates the erythrocyte for ascorbate recycling. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 14, 272-277.	1.2	4
48	Nongenotoxic activation of the p53 pathway as a therapeutic strategy for multiple myeloma. <i>Blood</i> , 2005, 106, 3609-3617.	0.6	172
49	Regulation of CXCR3 and CXCR4 expression during terminal differentiation of memory B cells into plasma cells. <i>Blood</i> , 2005, 105, 3965-3971.	0.6	203
50	Assignment of the Binding Site for Haptoglobin on Apolipoprotein A-I. <i>Journal of Biological Chemistry</i> , 2005, 280, 1193-1198.	1.6	75
51	Apolipoprotein A-I-dependent cholesterol esterification in patients with rheumatoid arthritis. <i>Life Sciences</i> , 2005, 77, 108-120.	2.0	9
52	Quantitative variations of the isoforms in haptoglobin 1-2 and 2-2 individual phenotypes. <i>Archives of Biochemistry and Biophysics</i> , 2003, 416, 227-237.	1.4	18
53	The Binding of Haptoglobin to Apolipoprotein A-I: Influence of Hemoglobin and Concanavalin A. <i>Biological Chemistry</i> , 2003, 384, 1593-6.	1.2	18
54	Evaluation of oxidative damage in mozzarella cheese produced from bovine or water buffalo milk. <i>Food Chemistry</i> , 2002, 77, 293-299.	4.2	28

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55	Estradiol esterification in the human preovulatory follicle. <i>Steroids</i> , 2001, 66, 889-896.	0.8	17
56	Synthesis of ascorbate and urate in the ovary of water buffalo. <i>Free Radical Research</i> , 2001, 35, 233-243.	1.5	10
57	Haptoglobin inhibits lecithin-cholesterol acyltransferase in human ovarian follicular fluid. <i>Molecular Reproduction and Development</i> , 2001, 59, 186-191.	1.0	42