

# Anna Maria Giudetti

## List of Publications by Year in descending order

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68  
papers

2,093  
citations

201674

27  
h-index

254184

43  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aberrant Metabolism in Hepatocellular Carcinoma Provides Diagnostic and Therapeutic Opportunities. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	4.0	106
2	Oxidation of Hepatic Carnitine Palmitoyl Transferase-I (CPT-I) Impairs Fatty Acid Beta-Oxidation in Rats Fed a Methionine-Choline Deficient Diet. <i>PLoS ONE</i> , 2011, 6, e24084.	2.5	99
3	Alterations of hepatic ATP homeostasis and respiratory chain during development of non-alcoholic steatohepatitis in a rodent model. <i>European Journal of Clinical Investigation</i> , 2008, 38, 245-252.	3.4	92
4	Beneficial effects of n-3 PUFA on chronic airway inflammatory diseases. <i>Prostaglandins and Other Lipid Mediators</i> , 2012, 99, 57-67.	1.9	88
5	Mitochondrial oxidative stress and respiratory chain dysfunction account for liver toxicity during amiodarone but not dronedarone administration. <i>Free Radical Biology and Medicine</i> , 2011, 51, 2234-2242.	2.9	78
6	A Krill Oil Supplemented Diet Suppresses Hepatic Steatosis in High-Fat Fed Rats. <i>PLoS ONE</i> , 2012, 7, e38797.	2.5	75
7	Fats for thoughts: An update on brain fatty acid metabolism. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 84, 40-45.	2.8	75
8	Modulation of the Oxidative Stress and Lipid Peroxidation by Endocannabinoids and Their Lipid Analogues. <i>Antioxidants</i> , 2018, 7, 93.	5.1	71
9	A specific lipid metabolic profile is associated with the epithelial mesenchymal transition program. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 344-357.	2.4	69
10	Silybin exerts antioxidant effects and induces mitochondrial biogenesis in liver of rat with secondary biliary cirrhosis. <i>Free Radical Biology and Medicine</i> , 2014, 73, 117-126.	2.9	60
11	Linking lipid peroxidation and neuropsychiatric disorders: focus on 4-hydroxy-2-nonenal. <i>Free Radical Biology and Medicine</i> , 2017, 111, 281-293.	2.9	58
12	A Silybin-Phospholipid Complex Prevents Mitochondrial Dysfunction in a Rodent Model of Nonalcoholic Steatohepatitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 922-932.	2.5	57
13	Alterations of Clock Gene RNA Expression in Brain Regions of a Triple Transgenic Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 615-631.	2.6	57
14	β-Catenin Knockdown Affects Mitochondrial Biogenesis and Lipid Metabolism in Breast Cancer Cells. <i>Frontiers in Physiology</i> , 2017, 8, 544.	2.8	55
15	NMR-Based Metabolomic Approach Tracks Potential Serum Biomarkers of Disease Progression in Patients with Type 2 Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2019, 8, 720.	2.4	52
16	Translating epithelial mesenchymal transition markers into the clinic: Novel insights from proteomics. <i>EuPA Open Proteomics</i> , 2016, 10, 31-41.	2.5	49
17	Carnitine in Human Muscle Bioenergetics: Can Carnitine Supplementation Improve Physical Exercise?. <i>Molecules</i> , 2020, 25, 182.	3.8	47
18	Differential effects of coconut oil- and fish oil-enriched diets on tricarboxylate carrier in rat liver mitochondria. <i>Journal of Lipid Research</i> , 2003, 44, 2135-2141.	4.2	41

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19	Bioenergetics profile of CD4 + T cells in relapsing remitting multiple sclerosis subjects. <i>Journal of Biotechnology</i> , 2015, 202, 31-39.	3.8	41
20	<sup>1</sup> H-NMR Based Serum Metabolomics Highlights Different Specific Biomarkers between Early and Advanced Hepatocellular Carcinoma Stages. <i>Cancers</i> , 2020, 12, 241.	3.7	39
21	Down-regulation of LPCAT expression increases platelet-activating factor level in cirrhotic rat liver: Potential antiinflammatory effect of silybin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2019-2026.	3.8	38
22	Proteomics analysis of E-cadherin knockdown in epithelial breast cancer cells. <i>Journal of Biotechnology</i> , 2015, 202, 3-11.	3.8	38
23	Oleylethanolamide decreases frustration stress-induced binge-like eating in female rats: a novel potential treatment for binge eating disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 1931-1941.	5.4	36
24	The Role of Brain Cholesterol and its Oxidized Products in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016, 13, 198-205.	1.4	35
25	Hepatic fatty acid metabolism in rats fed diets with different contents of C18:0, C18:1cis and C18:1trans isomers. <i>British Journal of Nutrition</i> , 2003, 90, 887-893.	2.3	31
26	Covariance of tricarboxylate carrier activity and lipogenesis in liver of polyunsaturated fatty acid (n-6) fed rats. <i>FEBS Journal</i> , 2001, 268, 5734-5739.	0.2	30
27	Different dietary fatty acids have dissimilar effects on activity and gene expression of mitochondrial tricarboxylate carrier in rat liver. <i>FEBS Letters</i> , 2004, 578, 280-284.	2.8	30
28	Nutritional and Hormonal Regulation of Citrate and Carnitine/Acylcarnitine Transporters: Two Mitochondrial Carriers Involved in Fatty Acid Metabolism. <i>International Journal of Molecular Sciences</i> , 2016, 17, 817.	4.1	28
29	Starvation-induced posttranscriptional control of rat liver mitochondrial citrate carrier expression. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 418-423.	2.1	26
30	Hypothyroidism down-regulates mitochondrial citrate carrier activity and expression in rat liver. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 484-491.	2.4	26
31	Dietary long-chain unsaturated fatty acids acutely and differently reduce the activities of lipogenic enzymes and of citrate carrier in rat liver. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 485-494.	3.0	25
32	Short-Term Stimulation of Lipogenesis by 3,5-l-Diiodothyronine in Cultured Rat Hepatocytes. <i>Endocrinology</i> , 2005, 146, 3959-3966.	2.8	24
33	Many Faces of Mitochondrial Uncoupling During Age: Damage or Defense?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 892-902.	3.6	24
34	Oxidative Stress in Aging Brain: Nutritional and Pharmacological Interventions for Neurodegenerative Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-2.	4.0	24
35	Expanding Roles of De Novo Lipogenesis in Breast Cancer. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3575.	2.6	24
36	Metabolism and short-term metabolic effects of conjugated linoleic acids in rat hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 1299-1307.	2.4	22

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37	Anticancer effects of novel resveratrol analogues on human ovarian cancer cells. <i>Molecular BioSystems</i> , 2017, 13, 1131-1141.	2.9	21
38	Hypothyroidism Reduces Tricarboxylate Carrier Activity and Expression in Rat Liver Mitochondria by Reducing Nuclear Transcription Rate and Splicing Efficiency. <i>Journal of Biological Chemistry</i> , 2006, 281, 19072-19080.	3.4	20
39	Decanoic Acid and Not Octanoic Acid Stimulates Fatty Acid Synthesis in U87MG Glioblastoma Cells: A Metabolomics Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 783.	2.8	19
40	Neuroprotective Investigation of Chitosan Nanoparticles for Dopamine Delivery. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 474.	2.5	18
41	Hepatic lipid and carbohydrate metabolism in rats fed a commercial mixture of conjugated linoleic acids (Clarinol G-80TM)1. <i>European Journal of Nutrition</i> , 2005, 44, 33-39.	3.9	16
42	Reduced Activity and Expression of Mitochondrial Citrate Carrier in Streptozotocin-Induced Diabetic Rats. <i>Endocrinology</i> , 2010, 151, 1551-1559.	2.8	16
43	Low level of hydrogen peroxide induces lipid synthesis in BRL-3A cells through a CAP-independent SREBP-1a activation. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1419-1426.	2.8	16
44	A lipidomic approach to the study of human CD4+ T lymphocytes in multiple sclerosis. <i>BMC Neuroscience</i> , 2015, 16, 46.	1.9	16
45	Increased intake of energy-dense diet and negative energy balance in a mouse model of chronic psychosocial defeat. <i>European Journal of Nutrition</i> , 2018, 57, 1485-1498.	3.9	15
46	Chronic Oleoylethanolamide Treatment Decreases Hepatic Triacylglycerol Level in Rat Liver by a PPAR $\gamma$ /SREBP-Mediated Suppression of Fatty Acid and Triacylglycerol Synthesis. <i>Nutrients</i> , 2021, 13, 394.	4.1	13
47	Oleoylethanolamide Reduces Hepatic Oxidative Stress and Endoplasmic Reticulum Stress in High-Fat Diet-Fed Rats. <i>Antioxidants</i> , 2021, 10, 1289.	5.1	13
48	An altered lipid metabolism characterizes Charcot-Marie-Tooth type 2B peripheral neuropathy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158805.	2.4	12
49	Citrate carrier activity and cardiolipin level in eel ( <i>Anguilla anguilla</i> ) liver mitochondria. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 133, 227-234.	1.6	11
50	3,5-diiodo-L-thyronine increases de novo lipogenesis in liver from hypothyroid rats by SREBP-1 and ChREBP-mediated transcriptional mechanisms. <i>IUBMB Life</i> , 2019, 71, 863-872.	3.4	10
51	Brief daily access to cafeteria-style diet impairs hepatic metabolism even in the absence of excessive body weight gain in rats. <i>FASEB Journal</i> , 2020, 34, 9358-9371.	0.5	10
52	New Insights into Inflammatory Bowel Diseases from Proteomic and Lipidomic Studies. <i>Proteomes</i> , 2020, 8, 18.	3.5	10
53	Nutritional Regimes Enriched with Antioxidants as an Efficient Adjuvant for IBD Patients under Infliximab Administration, a Pilot Study. <i>Antioxidants</i> , 2022, 11, 138.	5.1	10
54	The Mitochondrial Tricarboxylate Carrier: Unexpected Increased Activity in Starved Silver Eels. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 893-898.	2.1	9

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55	Proteomic expression profile of injured rat peripheral nerves revealed biological networks and processes associated with nerve regeneration. <i>Journal of Cellular Physiology</i> , 2018, 233, 6207-6223.	4.1	9
56	Oxidative Molecular Mechanisms Underlying Liver Diseases: From Systems Biology to the Personalized Medicine. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	4.0	9
57	Chronic psychosocial defeat differently affects lipid metabolism in liver and white adipose tissue and induces hepatic oxidative stress in mice fed a high-fat diet. <i>FASEB Journal</i> , 2019, 33, 1428-1439.	0.5	8
58	Structural and oxidative modifications of erythrocyte ghosts in patients with primary biliary cirrhosis: relation with the disease stage and effect of bile acid treatment. <i>European Journal of Clinical Investigation</i> , 2003, 33, 868-874.	3.4	7
59	Short-term effect of dexamethasone on fatty acid and cholesterol synthesis in isolated rat hepatocytes. <i>IUBMB Life</i> , 1998, 44, 515-521.	3.4	6
60	Fatty acid chain elongation synthesis in eel ( <i>Anguilla anguilla</i> ) liver mitochondria. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 128, 11-18.	1.6	6
61	Effects of a Diet Based on Foods from Symbiotic Agriculture on the Gut Microbiota of Subjects at Risk for Metabolic Syndrome. <i>Nutrients</i> , 2021, 13, 2081.	4.1	5
62	Urinary Metabolic Biomarkers in Cancer Patients: An Overview. <i>Methods in Molecular Biology</i> , 2021, 2292, 203-212.	0.9	4
63	Editorial: Dietary Antioxidants and Metabolic Diseases. <i>Frontiers in Nutrition</i> , 2021, 8, 617859.	3.7	4
64	Oxidative Stress and Multi-Organ Damage Induced by Two Novel Phytocannabinoids, CBDB and CBDP, in Breast Cancer Cells. <i>Molecules</i> , 2021, 26, 5576.	3.8	4
65	The impact of environmental perturbation on microbial community structure and dynamics: Factors affecting growth of <i>Clonothrix fusca</i> groundwater. <i>Journal of Plant Interactions</i> , 2007, 2, 159-167.	2.1	2
66	Dietary fatty acid composition differently influences retinoylation reaction in rat testes mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 203-209.	2.3	2
67	Oleic acid and olive oil polyphenols downregulate fatty acid and cholesterol synthesis in brain and liver cells. , 2021, , 651-657.		2
68	Mitochondrial Oxidative Stress is an Early Event in Amiodarone Hepatotoxicity, Inducing Complex I Impairment and Cardiolipin Peroxidation. <i>Free Radical Biology and Medicine</i> , 2010, 49, S162.	2.9	0