

# Fabrizio Damiano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1354967/publications.pdf>

Version: 2024-02-01

55  
papers

1,217  
citations

304368

22  
h-index

414034

32  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Translational control of the sterol-regulatory transcription factor SREBP-1 mRNA in response to serum starvation or ER stress is mediated by an internal ribosome entry site. <i>Biochemical Journal</i> , 2010, 429, 603-612.	1.7	64
2	Characterization of Human and Yeast Mitochondrial Glycine Carriers with Implications for Heme Biosynthesis and Anemia. <i>Journal of Biological Chemistry</i> , 2016, 291, 19746-19759.	1.6	63
3	Action of Thyroid Hormones, T3 and T2, on Hepatic Fatty Acids: Differences in Metabolic Effects and Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2017, 18, 744.	1.8	56
4	3,5,3â€²-triiodo-L-thyronine induces SREBPâ€²1 expression by nonâ€²genomic actions in human HEP G2 cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 2388-2397.	2.0	52
5	Natural merodiploidy involving duplicated rpoB alleles affects secondary metabolism in a producer actinomycete. <i>Molecular Microbiology</i> , 2004, 55, 396-412.	1.2	49
6	Modulation of hepatic lipid metabolism by olive oil and its phenols in nonalcoholic fatty liver disease. <i>IUBMB Life</i> , 2015, 67, 9-17.	1.5	49
7	Hydroxytyrosol Ameliorates Endothelial Function under Inflammatory Conditions by Preventing Mitochondrial Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	1.9	46
8	hnRNP A1 mediates the activation of the IRES-dependent SREBP-1a mRNA translation in response to endoplasmic reticulum stress. <i>Biochemical Journal</i> , 2013, 449, 543-553.	1.7	43
9	Differential effects of high-carbohydrate and high-fat diets on hepatic lipogenesis in rats. <i>European Journal of Nutrition</i> , 2014, 53, 1103-1114.	1.8	43
10	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.	2.0	41
11	Design of mineral medium for growth of <i>Actinomadura</i> sp. ATCC 39727, producer of the glycopeptide A40926: effects of calcium ions and nitrogen sources. <i>Applied Microbiology and Biotechnology</i> , 2004, 65, 671-677.	1.7	31
12	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.	1.3	30
13	Comparative genomics revealed key molecular targets to rapidly convert a reference rifamycin-producing bacterial strain into an overproducer by genetic engineering. <i>Metabolic Engineering</i> , 2014, 26, 1-16.	3.6	29
14	Pirin: A novel redox-sensitive modulator of primary and secondary metabolism in <i>Streptomyces</i> . <i>Metabolic Engineering</i> , 2018, 48, 254-268.	3.6	29
15	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.	1.8	28
16	Oleic Acid and Hydroxytyrosol Inhibit Cholesterol and Fatty Acid Synthesis in C6 Glioma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	28
17	3,5-diiodo-L-thyronine upregulates rat-liver mitochondrial FoF1-ATP synthase by GA-binding protein/nuclear respiratory factor-2. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 233-240.	0.5	27
18	Quercetin inhibition of SREBPs and ChREBP expression results in reduced cholesterol and fatty acid synthesis in C6 glioma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 117, 105618.	1.2	26

#	ARTICLE	IF	CITATIONS
19	Functional analysis of rat liver citrate carrier promoter: differential responsiveness to polyunsaturated fatty acids. <i>Biochemical Journal</i> , 2009, 417, 561-571.	1.7	25
20	Guanosine 5â€™-diphosphate 3â€™-diphosphate (ppGpp) as a negative modulator of polynucleotide phosphorylase activity in a "rare" actinomycete. <i>Molecular Microbiology</i> , 2010, 77, 716-729.	1.2	25
21	3,5-Diiodo-L-thyronine induces SREBP-1 proteolytic cleavage block and apoptosis in human hepatoma (Hepg2) cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1679-1689.	1.2	25
22	Concentrated Growth Factors (CGF) Induce Osteogenic Differentiation in Human Bone Marrow Stem Cells. <i>Biology</i> , 2020, 9, 370.	1.3	25
23	Citrate carrier promoter is target of peroxisome proliferator-activated receptor alpha and gamma in hepatocytes and adipocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 659-668.	1.2	24
24	Expression of citrate carrier gene is activated by ER stress effectors XBP1 and ATF6 $\pm$ , binding to an UPRE in its promoter. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 23-31.	0.9	23
25	Lipid accumulation stimulates the cap-independent translation of SREBP-1a mRNA by promoting hnRNP A1 binding to its 5â€™-UTR in a cellular model of hepatic steatosis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 471-481.	1.2	23
26	Quercetin Reduces Lipid Accumulation in a Cell Model of NAFLD by Inhibiting De Novo Fatty Acid Synthesis through the Acetyl-CoA Carboxylase 1/AMPK/PP2A Axis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1044.	1.8	23
27	n-6 PUFAs downregulate expression of the tricarboxylate carrier in rat liver by transcriptional and posttranscriptional mechanisms. <i>Journal of Lipid Research</i> , 2004, 45, 1333-1340.	2.0	20
28	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.	1.4	19
29	Angiogenic Properties of Concentrated Growth Factors (CGFs): The Role of Soluble Factors and Cellular Components. <i>Pharmaceutics</i> , 2021, 13, 635.	2.0	19
30	Mechanism of translation control of the alternative <i>Drosophila melanogaster</i> Voltage Dependent Anion-selective Channel 1 mRNAs. <i>Scientific Reports</i> , 2018, 8, 5347.	1.6	18
31	Reduced Activity and Expression of Mitochondrial Citrate Carrier in Streptozotocin-Induced Diabetic Rats. <i>Endocrinology</i> , 2010, 151, 1551-1559.	1.4	16
32	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.	1.2	16
33	Acute administration of 3,5-diiodo-L-thyronine to hypothyroid rats stimulates bioenergetic parameters in liver mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2016, 48, 521-529.	1.0	15
34	Analysis of CGF Biomolecules, Structure and Cell Population: Characterization of the Stemness Features of CGF Cells and Osteogenic Potential. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8867.	1.8	15
35	Time-Resolved Transcriptomics and Constraint-Based Modeling Identify System-Level Metabolic Features and Overexpression Targets to Increase Spiramycin Production in <i>Streptomyces ambofaciens</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 835.	1.5	14
36	Gene content and organization of the oat mitochondrial genome. <i>Theoretical and Applied Genetics</i> , 2001, 103, 359-365.	1.8	13

#	ARTICLE	IF	CITATIONS
37	IgM and IgG Profiles Reveal Peculiar Features of Humoral Immunity Response to SARS-CoV-2 Infection. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1318.	1.2	13
38	Assessment of Subjective Well-Being in a Cohort of University Students and Staff Members: Association with Physical Activity and Outdoor Leisure Time during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4787.	1.2	13
39	Encapsulation of <i>Lactobacillus kefir</i> in alginate microbeads using a double novel aerosol technique. <i>Materials Science and Engineering C</i> , 2017, 77, 548-555.	3.8	12
40	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.	1.5	10
41	Streptozotocin-induced diabetes affects in rat liver citrate carrier gene expression by transcriptional and posttranscriptional mechanisms. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1621-1629.	1.2	9
42	Stimulatory Effects of Methyl- $\beta$ -cyclodextrin on Spiramycin Production and Physical-Chemical Characterization of Nonhost@Guest Complexes. <i>ACS Omega</i> , 2018, 3, 2470-2478.	1.6	9
43	Release of VEGF from Dental Implant Surface (IML <sup>®</sup> Implant) Coated with Concentrated Growth Factors (CGF) and the Liquid Phase of CGF (LPCGF): In Vitro Results and Future Expectations. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2114.	1.3	9
44	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.	0.2	8
45	In Steatotic Cells, ATP-Citrate Lyase mRNA Is Efficiently Translated through a Cap-Independent Mechanism, Contributing to the Stimulation of De Novo Lipogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1206.	1.8	8
46	Evidence for a Negative Correlation between Human Reactive Enamine-Imine Intermediate Deaminase A (RIDA) Activity and Cell Proliferation Rate: Role of Lysine Succinylation of RIDA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3804.	1.8	6
47	Translational control of human acetyl-CoA carboxylase 1 mRNA is mediated by an internal ribosome entry site in response to ER stress, serum deprivation or hypoxia mimetic CoCl <sub>2</sub> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 388-398.	1.2	5
48	Transcription of two sunflower ( <i>Helianthus annuus</i> L.) mitochondrial tRNA genes having different genetic origins. <i>Gene</i> , 2002, 286, 25-32.	1.0	4
49	Interplay between Non-Coding RNA Transcription, Stringent/Relaxed Phenotype and Antibiotic Production in <i>Streptomyces ambofaciens</i> . <i>Antibiotics</i> , 2021, 10, 947.	1.5	4
50	Coffee Bioactive N-Methylpyridinium Attenuates Tumor Necrosis Factor (TNF)- $\alpha$ -Mediated Insulin Resistance and Inflammation in Human Adipocytes. <i>Biomolecules</i> , 2021, 11, 1545.	1.8	4
51	Comparison of promoters controlling on the sunflower mitochondrial genome the transcription of two copies of the same native trnK gene reveals some differences in their structure. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1207-1216.	0.5	3
52	Variable structures of promoters regulating transcription of cp-like tRNA genes and of some native genes on the sunflower mitochondrial genome. <i>Gene</i> , 2006, 371, 93-101.	1.0	3
53	Oleic acid and olive oil polyphenols downregulate fatty acid and cholesterol synthesis in brain and liver cells. , 2021, , 651-657.		2
54	Rid7C, a member of the YjgF/YER057c/UK114 (Rid) protein family, is a novel endoribonuclease that regulates the expression of a specialist RNA polymerase involved in differentiation in <i>Nonomurea gerenzanensis</i> . <i>Journal of Bacteriology</i> , 2021, , JB0046221.	1.0	2

#	ARTICLE	IF	CITATIONS
55	PLMitRNA, a database for mitochondrial tRNA genes and tRNAs in photosynthetic eukaryotes. <i>Nucleic Acids Research</i> , 2001, 29, 167-168.	6.5	1