

# Aurora Daniele

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6743264/publications.pdf>

Version: 2024-02-01

125  
papers

3,948  
citations

117625

34  
h-index

149698

56  
g-index

127  
all docs

127  
docs citations

127  
times ranked

5701  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of two different 1-year training programs among prepuberal female children. German Journal of Exercise and Sport Research, 2022, 52, 68-75.	1.2	3
2	COVID19 Pandemic and Physical Activity: An Observational Study on Sleep Quality and Anxiety. Sports, 2022, 10, 44.	1.7	3
3	Cannabidiolic acid in Hemp Seed Oil Table Spoon and Beyond. Molecules, 2022, 27, 2566.	3.8	7
4	Adiponectin is Associated with Neutrophils to Lymphocyte Ratio in Patients with Chronic Obstructive Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 70-75.	1.6	10
5	Adiponectin in Cerebrospinal Fluid from Patients Affected by Multiple Sclerosis Is Correlated with the Progression and Severity of Disease. Molecular Neurobiology, 2021, 58, 2663-2670.	4.0	7
6	Urtica dioica L. leaf chemical composition: A never-ending disclosure by means of HR-MS/MS techniques. Journal of Pharmaceutical and Biomedical Analysis, 2021, 195, 113892.	2.8	7
7	Adiponectin and leptin exert antagonizing effects on proliferation and motility of papillary thyroid cancer cell lines. Journal of Physiology and Biochemistry, 2021, 77, 237-248.	3.0	16
8	Dysregulation of lipid metabolism and pathological inflammation in patients with COVID-19. Scientific Reports, 2021, 11, 2941.	3.3	102
9	COVID-19: Role of Nutrition and Supplementation. Nutrients, 2021, 13, 976.	4.1	67
10	Food, Nutrition, Physical Activity and Microbiota: Which Impact on Lung Cancer?. International Journal of Environmental Research and Public Health, 2021, 18, 2399.	2.6	8
11	Dietary influence on adiponectin in patients with type 2 diabetes. European Journal of Clinical Investigation, 2021, 51, e13548.	3.4	1
12	Physical Activity Regulates TNF $\alpha$ and IL-6 Expression to Counteract Inflammation in Cystic Fibrosis Patients. International Journal of Environmental Research and Public Health, 2021, 18, 4691.	2.6	5
13	Cancer Initiation, Progression and Resistance: Are Phytocannabinoids from Cannabis sativa L. Promising Compounds?. Molecules, 2021, 26, 2668.	3.8	15
14	AdipoRon and Other Adiponectin Receptor Agonists as Potential Candidates in Cancer Treatments. International Journal of Molecular Sciences, 2021, 22, 5569.	4.1	17
15	microRNA-377p downregulates the oncosuppressor T $\alpha$ cadherin in colorectal adenocarcinoma cells. Cell Biology International, 2021, 45, 1797-1803.	3.0	3
16	SARS-CoV-2: One Year in the Pandemic. What Have We Learned, the New Vaccine Era and the Threat of SARS-CoV-2 Variants. Biomedicines, 2021, 9, 611.	3.2	10
17	Treatment with sera from Water Polo athletes activates AMPK $\alpha$ and ACC proteins In HepG2 hepatoma cell line. Sport Sciences for Health, 2021, 17, 745-752.	1.3	1
18	Adiponectin and Leptin Exert Antagonizing Effects on HUVEC Tube Formation and Migration Modulating the Expression of CXCL1, VEGF, MMP-2 and MMP-9. International Journal of Molecular Sciences, 2021, 22, 7516.	4.1	9

#	ARTICLE	IF	CITATIONS
19	GDM-complicated pregnancies: focus on adipokines. <i>Molecular Biology Reports</i> , 2021, 48, 8171-8180.	2.3	20
20	AdipoRon negatively regulates proliferation and migration of ARPE-19 human retinal pigment epithelial cells. <i>Peptides</i> , 2021, 146, 170676.	2.4	3
21	A novel smaller Î²-defensin-derived peptide is active against multidrug-resistant bacterial strains. <i>FASEB Journal</i> , 2021, 35, e22026.	0.5	4
22	Nutritional factors influencing plasma adiponectin levels: results from a randomised controlled study with whole-grain cereals. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 509-515.	2.8	11
23	Impact of Physical Activity on Cognitive Functions: A New Field for Research and Management of Cystic Fibrosis. <i>Diagnostics</i> , 2020, 10, 489.	2.6	8
24	Molecular mechanisms involved in the positive effects of physical activity on coping with COVID-19. <i>European Journal of Applied Physiology</i> , 2020, 120, 2569-2582.	2.5	45
25	Adiponectin Is Inversely Associated With Tumour Grade in Colorectal Cancer Patients. <i>Anticancer Research</i> , 2020, 40, 3751-3757.	1.1	16
26	Case Report: Concurrent Resistance and Aerobic Training Regulate Adiponectin Expression and Disease Severity in Multiple Sclerosis: A Case Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 567302.	2.8	4
27	Adiponectin Role in Neurodegenerative Diseases: Focus on Nutrition Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9255.	4.1	11
28	Metabolic Perturbations and Severe COVID-19 Disease: Implication of Molecular Pathways. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-10.	1.5	19
29	ACE2: The Major Cell Entry Receptor for SARS-CoV-2. <i>Lung</i> , 2020, 198, 867-877.	3.3	304
30	The Important Role of Adiponectin and Orexin-A, Two Key Proteins Improving Healthy Status: Focus on Physical Activity. <i>Frontiers in Physiology</i> , 2020, 11, 356.	2.8	22
31	AdipoRon Affects Cell Cycle Progression and Inhibits Proliferation in Human Osteosarcoma Cells. <i>Journal of Oncology</i> , 2020, 2020, 1-12.	1.3	20
32	Hempseed Lignanamides Rich-Fraction: Chemical Investigation and Cytotoxicity towards U-87 Glioblastoma Cells. <i>Molecules</i> , 2020, 25, 1049.	3.8	37
33	Implications of the Adiponectin System in Non-Small Cell Lung Cancer Patients: A Case-Control Study. <i>Biomolecules</i> , 2020, 10, 926.	4.0	15
34	Adapted recreational football small-sided games improve cardiac capacity, body composition and muscular fitness in patients with type 2 diabetes. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1261-1268.	0.7	2
35	Adiponectin Expression Is Modulated by Long-Term Physical Activity in Adult Patients Affected by Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-7.	3.0	20
36	Adiponectin Expression and Genotypes in Italian People with Severe Obesity Undergone a Hypocaloric Diet and Physical Exercise Program. <i>Nutrients</i> , 2019, 11, 2195.	4.1	25

#	ARTICLE	IF	CITATIONS
37	Pulmonary Hypertension and Obesity: Focus on Adiponectin. International Journal of Molecular Sciences, 2019, 20, 912.	4.1	43
38	Adiponectin as Link Factor between Adipose Tissue and Cancer. International Journal of Molecular Sciences, 2019, 20, 839.	4.1	91
39	Effects of Very Low Calorie Ketogenic Diet on the Orexinergic System, Visceral Adipose Tissue, and ROS Production. Antioxidants, 2019, 8, 643.	5.1	47
40	Adiponectin Receptors and Pro-inflammatory Cytokines Are Modulated in Common Variable Immunodeficiency Patients: Correlation With Ig Replacement Therapy. Frontiers in Immunology, 2019, 10, 2812.	4.8	12
41	The anti-proliferative effects of adiponectin on human lung adenocarcinoma A549 cells and oxidative stress involvement. Pulmonary Pharmacology and Therapeutics, 2019, 55, 25-30.	2.6	29
42	Adiponectin profile at baseline is correlated to progression and severity of multiple sclerosis. European Journal of Neurology, 2019, 26, 348-355.	3.3	27
43	Supervised physical exercise improves clinical, anthropometric and biochemical parameters in adult cystic fibrosis patients: A 2-year evaluation. Clinical Respiratory Journal, 2018, 12, 2228-2234.	1.6	19
44	Cationic nucleopeptides as novel non-covalent carriers for the delivery of peptide nucleic acid (PNA) and RNA oligomers. Bioorganic and Medicinal Chemistry, 2018, 26, 2539-2550.	3.0	10
45	Adiponectin and colon cancer: evidence for inhibitory effects on viability and migration of human colorectal cell lines. Molecular and Cellular Biochemistry, 2018, 448, 125-135.	3.1	37
46	Evaluation of Allergic Diseases, Symptom Control, and Relation to Infections in a Group of Italian Elite Mountain Bikers. Clinical Journal of Sport Medicine, 2018, Publish Ahead of Print, 465-469.	1.8	2
47	Role of Functional Beverages on Sport Performance and Recovery. Nutrients, 2018, 10, 1470.	4.1	48
48	Sports training and adaptive changes. Sport Sciences for Health, 2018, 14, 705-708.	1.3	18
49	Functional Changes Induced by Orexin A and Adiponectin on the Sympathetic/Parasympathetic Balance. Frontiers in Physiology, 2018, 9, 259.	2.8	21
50	Effects of Plant Oil Interesterified Triacylglycerols on Lipemia and Human Health. International Journal of Molecular Sciences, 2018, 19, 104.	4.1	28
51	Adiponectin and Orexin-A as a Potential Immunity Link Between Adipose Tissue and Central Nervous System. Frontiers in Physiology, 2018, 9, 982.	2.8	33
52	Anabolic androgenic steroids and carcinogenicity focusing on Leydig cell: a literature review. Oncotarget, 2018, 9, 19415-19426.	1.8	46
53	The burden of obesity in asthma and COPD: Role of adiponectin. Pulmonary Pharmacology and Therapeutics, 2017, 43, 20-25.	2.6	60
54	Host defense peptide-derived privileged scaffolds for anti-infective drug discovery. Journal of Peptide Science, 2017, 23, 303-310.	1.4	9

#	ARTICLE	IF	CITATIONS
55	Adiponectin down-regulates CREB and inhibits proliferation of A549 lung cancer cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 45, 114-120.	2.6	40
56	Adiponectin profile and Irisin expression in Italian obese children: Association with insulin-resistance. <i>Cytokine</i> , 2017, 94, 8-13.	3.2	40
57	A Functional Interplay between IGF-1 and Adiponectin. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2145.	4.1	40
58	Cyclic Peptides as Novel Therapeutic Microbicides: Engineering of Human Defensin Mimetics. <i>Molecules</i> , 2017, 22, 1217.	3.8	78
59	Total and High Molecular Weight Adiponectin Expression Is Decreased in Patients with Common Variable Immunodeficiency: Correlation with Ig Replacement Therapy. <i>Frontiers in Immunology</i> , 2017, 8, 895.	4.8	30
60	Î²-Defensins in the Fight against <i>Helicobacter pylori</i> . <i>Molecules</i> , 2017, 22, 424.	3.8	40
61	PPARÎ³ and ADRB3 polymorphisms analysis and Irisin expression in professional water polo players. <i>Sport Sciences for Health</i> , 2017, 13, 395-401.	1.3	1
62	An ancestral host defence peptide within human Î²-defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. <i>Scientific Reports</i> , 2016, 5, 18450.	3.3	35
63	Evaluation of adiponectin profile in Italian patients affected by obstructive sleep apnea syndrome. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 40, 104-108.	2.6	27
64	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. <i>Pharmacological Research</i> , 2016, 103, 114-122.	7.1	8
65	Gene molecular analysis and Adiponectin expression in professional Water Polo players. <i>Cytokine</i> , 2016, 81, 88-93.	3.2	13
66	New synthetic AICAR derivatives with enhanced AMPK and ACC activation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 748-753.	5.2	15
67	Differentially expressed and activated proteins associated with non small cell lung cancer tissues. <i>Respiratory Research</i> , 2015, 16, 74.	3.6	39
68	Late diagnosis of Fabry disease caused by a de novo mutation in a patient with end stage renal disease. <i>BMC Research Notes</i> , 2015, 8, 711.	1.4	9
69	Design and activity of a cyclic&nbsp;&nbsp;&nbsp;mini-&nbsp;&nbsp;&nbsp;beta;-defensin analog: a novel antimicrobial tool. <i>International Journal of Nanomedicine</i> , 2015, 10, 6523.	6.7	30
70	Biological and Nutritional Properties of Palm Oil and Palmitic Acid: Effects on Health. <i>Molecules</i> , 2015, 20, 17339-17361.	3.8	299
71	Pituitary function and morphology in Fabry disease. <i>Endocrine</i> , 2015, 50, 483-488.	2.3	5
72	Membrane Protein 4F2/CD98 Is a Cell Surface Receptor Involved in the Internalization and Trafficking of Human Î²-Defensin 3 in Epithelial Cells. <i>Chemistry and Biology</i> , 2015, 22, 217-228.	6.0	23

#	ARTICLE	IF	CITATIONS
73	Evaluation of salivary adiponectin profile in obese patients. <i>Peptides</i> , 2015, 63, 150-155.	2.4	24
74	Long-term follow-up of patients with phenylketonuria treated with tetrahydrobiopterin: a seven years experience. <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, 14.	2.7	29
75	Adiponectin in Asthma: Implications for Phenotyping. <i>Current Protein and Peptide Science</i> , 2015, 16, 182-187.	1.4	35
76	Quality of Life (QoL) assessment in a cohort of patients with Phenylketonuria. <i>BMC Public Health</i> , 2014, 14, 1243.	2.9	35
77	New Insight into Adiponectin Role in Obesity and Obesity-Related Diseases. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	425
78	Functional foods and cardiometabolic diseases. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1272-1300.	2.6	40
79	Altered brain protein expression profiles are associated with molecular neurological dysfunction in the PKU mouse model. <i>Journal of Neurochemistry</i> , 2014, 129, 1002-1012.	3.9	26
80	Adiponectin as Novel Regulator of Cell Proliferation in Human Glioblastoma. <i>Journal of Cellular Physiology</i> , 2014, 229, 1444-1454.	4.1	26
81	Mannose-binding lectin genetic analysis: possible protective role of the HYPA haplotype in the development of recurrent urinary tract infections in men. <i>International Journal of Infectious Diseases</i> , 2014, 19, 100-102.	3.3	3
82	Adiponectin affects lung epithelial A549 cell viability counteracting TNF $\alpha$ and IL-1 $\beta$ toxicity through AdipoR1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1145-1153.	2.8	97
83	Tissue-specific downregulation of the adiponectin system: possible implications for fat accumulation tendency in the pig. <i>Domestic Animal Endocrinology</i> , 2013, 44, 131-138.	1.6	10
84	Aqueous humor levels of vascular endothelial growth factor and adiponectin in patients with type 2 diabetes before and after intravitreal bevacizumab injection. <i>Experimental Eye Research</i> , 2013, 110, 50-54.	2.6	32
85	Adiponectin oligomers as potential indicators of adipose tissue improvement in obese subjects. <i>European Journal of Endocrinology</i> , 2013, 169, 37-43.	3.7	77
86	Chimeric Beta-Defensin Analogs, Including the Novel 3NI Analog, Display Salt-Resistant Antimicrobial Activity and Lack Toxicity in Human Epithelial Cell Lines. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1701-1708.	3.2	33
87	Potential Mechanisms Linking Atherosclerosis and Increased Cardiovascular Risk in COPD: Focus On Sirtuins. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12696-12713.	4.1	60
88	Adiponectin: An Attractive Marker for Metabolic Disorders in Chronic Obstructive Pulmonary Disease (COPD). <i>Nutrients</i> , 2013, 5, 4115-4125.	4.1	59
89	Reversal of Metabolic and Neurological Symptoms of Phenylketonuric Mice Treated with a PAH Containing Helper-Dependent Adenoviral Vector. <i>Current Gene Therapy</i> , 2012, 12, 48-56.	2.0	13
90	The absence of polymorphisms in ADRB3, UCP1, PPAR $\beta$ , and ADIPOQ genes protects morbid obese patients toward insulin resistance. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 2-4.	3.3	38

#	ARTICLE	IF	CITATIONS
91	Adiponectin oligomerization state and adiponectin receptors airway expression in chronic obstructive pulmonary disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 563-569.	2.8	62
92	l-Lactate metabolism in HEP G2 cell mitochondria due to the l-lactate dehydrogenase determines the occurrence of the lactate/pyruvate shuttle and the appearance of oxaloacetate, malate and citrate outside mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1679-1690.	1.0	35
93	Natural phenylalanine hydroxylase variants that confer a mild phenotype affect the enzyme's conformational stability and oligomerization equilibrium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1435-1445.	3.8	20
94	Decreased concentration of adiponectin together with a selective reduction of its high molecular weight oligomers is involved in metabolic complications of myotonic dystrophy type 1. <i>European Journal of Endocrinology</i> , 2011, 165, 969-975.	3.7	27
95	Functional analysis of melanocortin-4-receptor mutants identified in severely obese subjects living in Southern Italy. <i>Gene</i> , 2010, 457, 35-41.	2.2	13
96	Paternally inherited case of congenital DM1: Brain MRI and review of literature. <i>Brain and Development</i> , 2009, 31, 79-82.	1.1	9
97	Functional and structural characterization of novel mutations and genotype-phenotype correlation in 51 phenylalanine hydroxylase deficient families from Southern Italy. <i>FEBS Journal</i> , 2009, 276, 2048-2059.	4.7	29
98	Analysis of Adiponectin Gene and Comparison of Its Expression in Two Different Pig Breeds. <i>Obesity</i> , 2008, 16, 1869-1874.	3.0	37
99	Five human phenylalanine hydroxylase proteins identified in mild hyperphenylalaninemia patients are disease-causing variants. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 378-384.	3.8	11
100	Molecular Analysis of the Adiponectin Gene in Severely Obese Patients from Southern Italy. <i>Annals of Nutrition and Metabolism</i> , 2008, 53, 155-161.	1.9	21
101	Molecular Epidemiology of Phenylalanine Hydroxylase Deficiency in Southern Italy: a 96% Detection Rate with Ten Novel Mutations. <i>Annals of Human Genetics</i> , 2007, 71, 185-193.	0.8	35
102	Image quality in time-resolved laser transillumination by time-correlated single photon counting. , 2006, 6191, 413.		0
103	Analysis of Sanfilippo A gene mutations in a large pedigree. <i>Clinical Genetics</i> , 2003, 63, 314-318.	2.0	18
104	Uptake of recombinant iduronate-2-sulfatase into neuronal and glial cells in vitro. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002, 1588, 203-209.	3.8	17
105	Heparan N-Sulfatase: In Vitro Mutagenesis of Potential N-Glycosylation Sites. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 1251-1257.	2.1	18
106	HeparanN-sulfatase: cysteine 70 plays a role in the enzyme catalysis and processing. <i>FEBS Letters</i> , 2001, 505, 445-448.	2.8	9
107	Expression of five iduronate-2-sulfatase site-directed mutations. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1501, 71-80.	3.8	20
108	Heparan N-sulfatase gene: two novel mutations and transient expression of 15 defects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1501, 1-11.	3.8	37

#	ARTICLE	IF	CITATIONS
109	Biochemical Characterization of Arylsulfatase E and Functional Analysis of Mutations Found in Patients with X-Linked Chondrodysplasia Punctata. <i>American Journal of Human Genetics</i> , 1998, 62, 562-572.	6.2	46
110	Congenital mono-ophthalmia syndrome. <i>Strabismus</i> , 1995, 3, 157-162.	0.7	0
111	Expression of the two iduronate-2-sulfatase cDNAs. <i>IUBMB Life</i> , 1995, 36, 311-7.	0.1	0
112	The calf superoxide dismutase receptor of rat hepatocytes. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 108, 309-313.	0.2	7
113	Biochemical diagnosis of mucopolysaccharidoses: Experience of 297 diagnoses in a 15-year period (1977-1991). <i>Journal of Inherited Metabolic Disease</i> , 1993, 16, 473-483.	3.6	12
114	Heterogeneity of DNA and RNA in Hunter patients. <i>Human Genetics</i> , 1993, 92, 350-352.	3.8	11
115	The Mouse Iduronate Sulfatase Gene: Identification of a Novel Transcript. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 1030-1037.	2.1	1
116	Cloning and Characterization of the cDNA for the Murine Iduronate Sulfatase Gene. <i>Genomics</i> , 1993, 16, 755-757.	2.9	27
117	Cell-to-cell contact between normal fibroblasts and lymphoblasts deficient in lysosomal enzymes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1992, 1138, 143-148.	3.8	6
118	Mapping of Human Hexokinase 1 Gene to 10q11&rarr;qter. <i>Human Heredity</i> , 1992, 42, 107-110.	0.8	4
119	Animal models for lysosomal storage diseases: A new case of feline mucopolysaccharidosis VI. <i>Journal of Inherited Metabolic Disease</i> , 1992, 15, 17-24.	3.6	10
120	Cloning and expression of a new human polypeptide which regulates protein phosphorylation in <i>Escherichia coli</i> . <i>Molecular and Cellular Biochemistry</i> , 1991, 107, 87-94.	3.1	0
121	Cloning of cDNA for a novel mouse membrane glycoprotein (gp42): shared identity to histocompatibility antigens, immunoglobulins and neural-cell adhesion molecules. <i>Gene</i> , 1989, 85, 445-451.	2.2	76
122	Hunter syndrome: presence of material cross-reacting with antibodies against iduronate sulfatase. <i>Human Genetics</i> , 1987, 75, 234-238.	3.8	15
123	Biosynthesis of Alpha-N-Acetylglucosaminidase in Cultured Human Kidney Carcinoma Cells. <i>Enzyme</i> , 1985, 33, 75-83.	0.7	10
124	Iduronate sulfatase from human placenta. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985, 839, 258-261.	2.4	10
125	An attempt towards a new approach to localized ERG. <i>Documenta Ophthalmologica</i> , 1973, 34, 57-65.	2.2	2