

Aurora Daniele

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers

2,559
citations

27
h-index

44
g-index

127
ext. papers

3,266
ext. citations

4.5
avg, IF

4.95
L-index

#	Paper	IF	Citations
120	A novel smaller δ -defensin-derived peptide is active against multidrug-resistant bacterial strains. <i>FASEB Journal</i> , 2021 , 35, e22026	0.9	1
119	GDM-complicated pregnancies: focus on adipokines. <i>Molecular Biology Reports</i> , 2021 , 48, 8171-8180	2.8	5
118	AdipoRon negatively regulates proliferation and migration of ARPE-19 human retinal pigment epithelial cells. <i>Peptides</i> , 2021 , 146, 170676	3.8	
117	COVID-19: Role of Nutrition and Supplementation. <i>Nutrients</i> , 2021 , 13,	6.7	24
116	Food, Nutrition, Physical Activity and Microbiota: Which Impact on Lung Cancer?. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
115	Dietary influence on adiponectin in patients with type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13548	4.6	0
114	Cancer Initiation, Progression and Resistance: Are Phytocannabinoids from L. Promising Compounds?. <i>Molecules</i> , 2021 , 26,	4.8	5
113	AdipoRon and Other Adiponectin Receptor Agonists as Potential Candidates in Cancer Treatments. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
112	microRNA-377-3p downregulates the oncosuppressor T-cadherin in colorectal adenocarcinoma cells. <i>Cell Biology International</i> , 2021 , 45, 1797-1803	4.5	1
111	SARS-CoV-2: One Year in the Pandemic. What Have We Learned, the New Vaccine Era and the Threat of SARS-CoV-2 Variants. <i>Biomedicines</i> , 2021 , 9,	4.8	4
110	Treatment with sera from Water Polo athletes activates AMPK and ACC proteins in HepG2 hepatoma cell line. <i>Sport Sciences for Health</i> , 2021 , 17, 745-752	1.3	0
109	Adiponectin is Associated with Neutrophils to Lymphocyte Ratio in Patients with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2021 , 18, 70-75 ²		2
108	Adiponectin in Cerebrospinal Fluid from Patients Affected by Multiple Sclerosis Is Correlated with the Progression and Severity of Disease. <i>Molecular Neurobiology</i> , 2021 , 58, 2663-2670	6.2	2
107	Urtica dioica L. leaf chemical composition: A never-ending disclosure by means of HR-MS/MS techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 195, 113892	3.5	1
106	Adiponectin and leptin exert antagonizing effects on proliferation and motility of papillary thyroid cancer cell lines. <i>Journal of Physiology and Biochemistry</i> , 2021 , 77, 237-248	5	4
105	Dysregulation of lipid metabolism and pathological inflammation in patients with COVID-19. <i>Scientific Reports</i> , 2021 , 11, 2941	4.9	43
104	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	5.1	2

103	Adiponectin Role in Neurodegenerative Diseases: Focus on Nutrition Review. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
102	Metabolic Perturbations and Severe COVID-19 Disease: Implication of Molecular Pathways. <i>International Journal of Endocrinology</i> , 2020 , 2020, 8896536	2.7	5
101	ACE2: The Major Cell Entry Receptor for SARS-CoV-2. <i>Lung</i> , 2020 , 198, 867-877	2.9	88
100	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	4.6	9
99	AdipoRon Affects Cell Cycle Progression and Inhibits Proliferation in Human Osteosarcoma Cells. <i>Journal of Oncology</i> , 2020 , 2020, 7262479	4.5	8
98	Hempseed Lignanamides Rich-Fraction: Chemical Investigation and Cytotoxicity towards U-87 Glioblastoma Cells. <i>Molecules</i> , 2020 , 25,	4.8	17
97	Implications of the Adiponectin System in Non-Small Cell Lung Cancer Patients: A Case-Control Study. <i>Biomolecules</i> , 2020 , 10,	5.9	7
96	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	1.4	0
95	Impact of Physical Activity on Cognitive Functions: A New Field for Research and Management of Cystic Fibrosis. <i>Diagnostics</i> , 2020 , 10,	3.8	3
94	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	3.4	22
93	Adiponectin Is Inversely Associated With Tumour Grade in Colorectal Cancer Patients. <i>Anticancer Research</i> , 2020 , 40, 3751-3757	2.3	9
92	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	3.7	6
91	Evaluation of Allergic Diseases, Symptom Control, and Relation to Infections in a Group of Italian Elite Mountain Bikers. <i>Clinical Journal of Sport Medicine</i> , 2020 , 30, 465-469	3.2	2
90	Adiponectin Expression and Genotypes in Italian People with Severe Obesity Undergone a Hypocaloric Diet and Physical Exercise Program. <i>Nutrients</i> , 2019 , 11,	6.7	16
89	Pulmonary Hypertension and Obesity: Focus on Adiponectin. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	28
88	Adiponectin Expression Is Modulated by Long-Term Physical Activity in Adult Patients Affected by Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2019 , 2019, 2153934	4.3	8
87	Adiponectin as Link Factor between Adipose Tissue and Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	55
86	Effects of Very Low Calorie Ketogenic Diet on the Orexinergic System, Visceral Adipose Tissue, and ROS Production. <i>Antioxidants</i> , 2019 , 8,	7.1	24

85	Adiponectin Receptors and Pro-inflammatory Cytokines Are Modulated in Common Variable Immunodeficiency Patients: Correlation With Ig Replacement Therapy. <i>Frontiers in Immunology</i> , 2019 , 10, 2812	8.4	6
84	The anti-proliferative effects of adiponectin on human lung adenocarcinoma A549 cells and oxidative stress involvement. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019 , 55, 25-30	3.5	19
83	Adiponectin profile at baseline is correlated to progression and severity of multiple sclerosis. <i>European Journal of Neurology</i> , 2019 , 26, 348-355	6	12
82	Supervised physical exercise improves clinical, anthropometric and biochemical parameters in adult cystic fibrosis patients: A 2-year evaluation. <i>Clinical Respiratory Journal</i> , 2018 , 12, 2228-2234	1.7	11
81	Cationic nucleopeptides as novel non-covalent carriers for the delivery of peptide nucleic acid (PNA) and RNA oligomers. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 2539-2550	3.4	5
80	Adiponectin and colon cancer: evidence for inhibitory effects on viability and migration of human colorectal cell lines. <i>Molecular and Cellular Biochemistry</i> , 2018 , 448, 125-135	4.2	25
79	Functional Changes Induced by Orexin A and Adiponectin on the Sympathetic/Parasympathetic Balance. <i>Frontiers in Physiology</i> , 2018 , 9, 259	4.6	7
78	Adiponectin and Orexin-A as a Potential Immunity Link Between Adipose Tissue and Central Nervous System. <i>Frontiers in Physiology</i> , 2018 , 9, 982	4.6	23
77	Anabolic androgenic steroids and carcinogenicity focusing on Leydig cell: a literature review. <i>Oncotarget</i> , 2018 , 9, 19415-19426	3.3	28
76	Role of Functional Beverages on Sport Performance and Recovery. <i>Nutrients</i> , 2018 , 10,	6.7	23
75	Sports training and adaptive changes. <i>Sport Sciences for Health</i> , 2018 , 14, 705-708	1.3	13
74	The burden of obesity in asthma and COPD: Role of adiponectin. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 43, 20-25	3.5	41
73	Host defense peptide-derived privileged scaffolds for anti-infective drug discovery. <i>Journal of Peptide Science</i> , 2017 , 23, 303-310	2.1	7
72	Adiponectin down-regulates CREB and inhibits proliferation of A549 lung cancer cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 45, 114-120	3.5	29
71	Adiponectin profile and Irisin expression in Italian obese children: Association with insulin-resistance. <i>Cytokine</i> , 2017 , 94, 8-13	4	26
70	Defensins in the Fight against Helicobacter pylori. <i>Molecules</i> , 2017 , 22,	4.8	30
69	Effects of Plant Oil Interesterified Triacylglycerols on Lipemia and Human Health. <i>International Journal of Molecular Sciences</i> , 2017 , 19,	6.3	16
68	A Functional Interplay between IGF-1 and Adiponectin. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	25

67	Cyclic Peptides as Novel Therapeutic Microbicides: Engineering of Human Defensin Mimetics. <i>Molecules</i> , 2017 , 22,	4.8	50
66	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	8.4	22
65	PPAR α 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
64	New synthetic AICAR derivatives with enhanced AMPK and ACC activation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 748-53	5.6	10
63	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. <i>Pharmacological Research</i> , 2016 , 103, 114-22	10.2	8
62	Gene molecular analysis and Adiponectin expression in professional Water Polo players. <i>Cytokine</i> , 2016 , 81, 88-93	4	9
61	Evaluation of adiponectin profile in Italian patients affected by obstructive sleep apnea syndrome. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016 , 40, 104-8	3.5	20
60	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	4.2	22
59	Differentially expressed and activated proteins associated with non small cell lung cancer tissues. <i>Respiratory Research</i> , 2015 , 16, 74	7.3	28
58	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	2.3	5
57	Design and activity of a cyclic mini-Defensin analog: a novel antimicrobial tool. <i>International Journal of Nanomedicine</i> , 2015 , 10, 6523-39	7.3	24
56	Biological and Nutritional Properties of Palm Oil and Palmitic Acid: Effects on Health. <i>Molecules</i> , 2015 , 20, 17339-61	4.8	188
55	Pituitary function and morphology in Fabry disease. <i>Endocrine</i> , 2015 , 50, 483-8	4	4
54	Membrane protein 4F2/CD98 is a cell surface receptor involved in the internalization and trafficking of human Defensin 3 in epithelial cells. <i>Chemistry and Biology</i> , 2015 , 22, 217-28		20
53	Evaluation of salivary adiponectin profile in obese patients. <i>Peptides</i> , 2015 , 63, 150-5	3.8	20
52	Adiponectin in asthma: implications for phenotyping. <i>Current Protein and Peptide Science</i> , 2015 , 16, 182-7.8		30
51	An ancestral host defence peptide within human Defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. <i>Scientific Reports</i> , 2015 , 5, 18450	4.9	30
50	Adiponectin as novel regulator of cell proliferation in human glioblastoma. <i>Journal of Cellular Physiology</i> , 2014 , 229, 1444-54	7	19

49	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, 100-2	10.5	2
48	Quality of Life (QoL) assessment in a cohort of patients with phenylketonuria. <i>BMC Public Health</i> , 2014 , 14, 1243	4.1	25
47	New insight into adiponectin role in obesity and obesity-related diseases. <i>BioMed Research International</i> , 2014 , 2014, 658913	3	299
46	Functional foods and cardiometabolic diseases* International Task Force for Prevention of Cardiometabolic Diseases. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 1272-300	4.5	25
45	Altered brain protein expression profiles are associated with molecular neurological dysfunction in the PKU mouse model. <i>Journal of Neurochemistry</i> , 2014 , 129, 1002-12	6	24
44	Adiponectin affects lung epithelial A549 cell viability counteracting TNF α and IL-1 β toxicity through AdipoR1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 1145-53	5.6	76
43	Tissue-specific downregulation of the adiponectin "system": possible implications for fat accumulation tendency in the pig. <i>Domestic Animal Endocrinology</i> , 2013 , 44, 131-8	2.3	9
42	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, 50-4	3.7	27
41	Adiponectin oligomers as potential indicators of adipose tissue improvement in obese subjects. <i>European Journal of Endocrinology</i> , 2013 , 169, 37-43	6.5	63
40	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, 1701-8	5.9	30
39	Potential mechanisms linking atherosclerosis and increased cardiovascular risk in COPD: focus on Sirtuins. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 12696-713	6.3	44
38	Adiponectin: an attractive marker for metabolic disorders in Chronic Obstructive Pulmonary Disease (COPD). <i>Nutrients</i> , 2013 , 5, 4115-25	6.7	48
37	The absence of polymorphisms in ADRB3, UCP1, PPAR α and ADIPOQ genes protects morbid obese patients toward insulin resistance. <i>Journal of Endocrinological Investigation</i> , 2012 , 35, 2-4	5.2	33
36	Adiponectin oligomerization state and adiponectin receptors airway expression in chronic obstructive pulmonary disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 563-9	5.6	58
35	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, 1679-90	4.6	30
34	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	4.3	12
33	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, 1435-45	6.9	17
32	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, 969-75	6.5	24

31	Functional analysis of melanocortin-4-receptor mutants identified in severely obese subjects living in Southern Italy. <i>Gene</i> , 2010 , 457, 35-41	3.8	12
30	Paternally inherited case of congenital DM1: brain MRI and review of literature. <i>Brain and Development</i> , 2009 , 31, 79-82	2.2	8
29	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, 2048-59	5.7	27
28	Analysis of adiponectin gene and comparison of its expression in two different pig breeds. <i>Obesity</i> , 2008 , 16, 1869-74	8	30
27	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, 378-84	6.9	10
26	Molecular analysis of the adiponectin gene in severely obese patients from southern Italy. <i>Annals of Nutrition and Metabolism</i> , 2008 , 53, 155-61	4.5	20
25	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, 185-93	2.2	31
24	Analysis of Sanfilippo A gene mutations in a large pedigree. <i>Clinical Genetics</i> , 2003 , 63, 314-8	4	14
23	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, 203-9	6.9	16
22	Heparan N-sulfatase: in vitro mutagenesis of potential N-glycosylation sites. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 280, 1251-7	3.4	17
21	Heparan N-sulfatase: cysteine 70 plays a role in the enzyme catalysis and processing. <i>FEBS Letters</i> , 2001 , 505, 445-8	3.8	9
20	Expression of five iduronate-2-sulfatase site-directed mutations. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000 , 1501, 71-80	6.9	18
19	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	6.9	31
18	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, 562-72 ¹¹		38
17	Congenital mono-ophthalmia syndrome. <i>Strabismus</i> , 1995 , 3, 157-62	1.3	
16	Expression of the two iduronate-2-sulfatase cDNAs. <i>IUBMB Life</i> , 1995 , 36, 311-7		
15	The calf superoxide dismutase receptor of rat hepatocytes. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994 , 108, 309-13		3
14	The mouse iduronate sulfatase gene: identification of a novel transcript. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 194, 1030-7	3.4	1

13	Cloning and characterization of the cDNA for the murine iduronate sulfatase gene. <i>Genomics</i> , 1993 , 16, 755-7	4.3	22
12	Biochemical diagnosis of mucopolysaccharidoses: experience of 297 diagnoses in a 15-year period (1977-1991). <i>Journal of Inherited Metabolic Disease</i> , 1993 , 16, 473-83	5.4	10
11	Heterogeneity of DNA and RNA in Hunter patients. <i>Human Genetics</i> , 1993 , 92, 350-2	6.3	10
10	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, 143-8	6.9	5
9	Mapping of human hexokinase 1 gene to 10q11----qter. <i>Human Heredity</i> , 1992 , 42, 107-10	1.1	3
8	Animal models for lysosomal storage diseases: a new case of feline mucopolysaccharidosis VI. <i>Journal of Inherited Metabolic Disease</i> , 1992 , 15, 17-24	5.4	10
7	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	4.2	
6	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, 445-51 ⁸	3.8	69
5	Hunter syndrome: presence of material cross-reacting with antibodies against iduronate sulfatase. <i>Human Genetics</i> , 1987 , 75, 234-8	6.3	12
4	Biosynthesis of alpha-N-acetylglucosaminidase in cultured human kidney carcinoma cells. <i>Enzyme</i> , 1985 , 33, 75-83		10
3	Iduronate sulfatase from human placenta. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985 , 839, 258-61	4	7
2	An attempt towards a new approach to localized ERG. <i>Documenta Ophthalmologica</i> , 1973 , 34, 57-65	2.2	1
1	Evaluation of two different 1-year training programs among prepuberal female children. <i>German Journal of Exercise and Sport Research</i> , 1	1.2	1