

Ersilia Nigro

List of Publications by Citations

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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.

73
papers

1,567
citations

22
h-index

38
g-index

77
ext. papers

2,078
ext. citations

4.8
avg. IF

4.55
L-index

#	Paper	IF	Citations
73	New insight into adiponectin role in obesity and obesity-related diseases. <i>BioMed Research International</i> , 2014 , 2014, 658913	3	299
72	Biological and Nutritional Properties of Palm Oil and Palmitic Acid: Effects on Health. <i>Molecules</i> , 2015 , 20, 17339-61	4.8	188
71	Orexin System: The Key for a Healthy Life. <i>Frontiers in Physiology</i> , 2017 , 8, 357	4.6	83
70	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
69	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
68	Adiponectin as Link Factor between Adipose Tissue and Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	55
67	Cyclic Peptides as Novel Therapeutic Microbicides: Engineering of Human Defensin Mimetics. <i>Molecules</i> , 2017 , 22,	4.8	50
66	Adiponectin: an attractive marker for metabolic disorders in Chronic Obstructive Pulmonary Disease (COPD). <i>Nutrients</i> , 2013 , 5, 4115-25	6.7	48
65	The burden of obesity in asthma and COPD: Role of adiponectin. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 43, 20-25	3.5	41
64	β Defensins in the Fight against Helicobacter pylori. <i>Molecules</i> , 2017 , 22,	4.8	30
63	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
62	Adiponectin in asthma: implications for phenotyping. <i>Current Protein and Peptide Science</i> , 2015 , 16, 182-2.8		30
61	An ancestral host defence peptide within human β defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. <i>Scientific Reports</i> , 2015 , 5, 18450	4.9	30
60	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
59	Pulmonary Hypertension and Obesity: Focus on Adiponectin. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	28
58	Adiponectin profile and Irisin expression in Italian obese children: Association with insulin-resistance. <i>Cytokine</i> , 2017 , 94, 8-13	4	26
57	A Functional Interplay between IGF-1 and Adiponectin. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	25

56	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
55	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
54	Role of Functional Beverages on Sport Performance and Recovery. <i>Nutrients</i> , 2018 , 10,	6.7	23
53	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
52	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
51	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
50	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
49	Short-Term Physiological Effects of a Very Low-Calorie Ketogenic Diet: Effects on Adiponectin Levels and Inflammatory States. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	18
48	Hempseed Lignanamides Rich-Fraction: Chemical Investigation and Cytotoxicity towards U-87 Glioblastoma Cells. <i>Molecules</i> , 2020 , 25,	4.8	17
47	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
46	Effects of Plant Oil Interesterified Triacylglycerols on Lipemia and Human Health. <i>International Journal of Molecular Sciences</i> , 2017 , 19,	6.3	16
45	Induction of APOBEC3 Exacerbates DNA Replication Stress and Chromosomal Instability in Early Breast and Lung Cancer Evolution. <i>Cancer Discovery</i> , 2021 , 11, 2456-2473	24.4	13
44	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
43	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
42	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
41	Gene molecular analysis and Adiponectin expression in professional Water Polo players. <i>Cytokine</i> , 2016 , 81, 88-93	4	9
40	Adiponectin Is Inversely Associated With Tumour Grade in Colorectal Cancer Patients. <i>Anticancer Research</i> , 2020 , 40, 3751-3757	2.3	9
39	Cross-talk between human airway epithelial cells and 3T3-J2 feeder cells involves partial activation of human MET by murine HGF. <i>PLoS ONE</i> , 2018 , 13, e0197129	3.7	9

38	AdipoRon Affects Cell Cycle Progression and Inhibits Proliferation in Human Osteosarcoma Cells. <i>Journal of Oncology</i> , 2020 , 2020, 7262479	4.5	8
37	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. <i>Pharmacological Research</i> , 2016 , 103, 114-22	10.2	8
36	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
35	The State of Art of Regenerative Therapy in Cardiovascular Ischemic Disease: Biology, Signaling Pathways, and Epigenetics of Endothelial Progenitor Cells. <i>Cells</i> , 2020 , 9,	7.9	8
34	Host defense peptide-derived privileged scaffolds for anti-infective drug discovery. <i>Journal of Peptide Science</i> , 2017 , 23, 303-310	2.1	7
33	Implications of the Adiponectin System in Non-Small Cell Lung Cancer Patients: A Case-Control Study. <i>Biomolecules</i> , 2020 , 10,	5.9	7
32	Functional Changes Induced by Orexin A and Adiponectin on the Sympathetic/Parasympathetic Balance. <i>Frontiers in Physiology</i> , 2018 , 9, 259	4.6	7
31	Identification of Annexin A1 interacting proteins in chronic myeloid leukemia KCL22 cells. <i>Proteomics</i> , 2013 , 13, 2414-8	4.8	7
30	Antidoping program: an important factor in the promotion and protection of the integrity of sport and athlete's health. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018 , 58, 1135-1145	1.4	6
29	Cell-intrinsic differences between human airway epithelial cells from children and adults		6
28	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
27	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
26	Metabolic Perturbations and Severe COVID-19 Disease: Implication of Molecular Pathways. <i>International Journal of Endocrinology</i> , 2020 , 2020, 8896536	2.7	5
25	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
24	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
23	GDM-complicated pregnancies: focus on adipokines. <i>Molecular Biology Reports</i> , 2021 , 48, 8171-8180	2.8	5
22	Cancer Initiation, Progression and Resistance: Are Phytocannabinoids from L. Promising Compounds?. <i>Molecules</i> , 2021 , 26,	4.8	5
21	Higher throughput drug screening for rare respiratory diseases: readthrough therapy in primary ciliary dyskinesia. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	4

20	AdipoRon and Other Adiponectin Receptor Agonists as Potential Candidates in Cancer Treatments. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
19	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
18	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
17	The Use of Velocity Information in Movement Reproduction. <i>Frontiers in Psychology</i> , 2017 , 8, 983	3.4	3
16	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
15	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
14	Mannose-binding lectin genetic analysis: possible protective role of the HYP A 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
13	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
12	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
11	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
10	Differently expressed microRNA in response to the first Ig replacement therapy in common variable immunodeficiency patients. <i>Scientific Reports</i> , 2020 , 10, 21482	4.9	1
9	High-content screening for rare respiratory diseases: readthrough therapy in primary ciliary dyskinesia		1
8	A novel smaller α -defensin-derived peptide is active against multidrug-resistant bacterial strains. <i>FASEB Journal</i> , 2021 , 35, e22026	0.9	1
7	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
6	microRNA-377-3p downregulates the oncosuppressor T-cadherin in colorectal adenocarcinoma cells. <i>Cell Biology International</i> , 2021 , 45, 1797-1803	4.5	1
5	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
4	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
3	Dietary influence on adiponectin in patients with type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13548	4.6	0

- 2 Treatment with sera from Water Polo athletes activates AMPK and ACC proteins in HepG2 hepatoma cell line. *Sport Sciences for Health*, **2021**, 17, 745-752 1.3 0
- 1 AdipoRon negatively regulates proliferation and migration of ARPE-19 human retinal pigment epithelial cells. *Peptides*, **2021**, 146, 170676 3.8