Ersilia Nigro

List of Publications by Year
in descending order

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75 papers	2,556 citations	201385 27 h-index	205818 48 g-index
77 all docs	77 docs citations	77 times ranked	3967 citing authors

#	Article	IF	Citations
1	New Insight into Adiponectin Role in Obesity and Obesity-Related Diseases. BioMed Research International, 2014, 2014, 1-14.	0.9	425
2	Biological and Nutritional Properties of Palm Oil and Palmitic Acid: Effects on Health. Molecules, 2015, 20, 17339-17361.	1.7	299
3	Orexin System: The Key for a Healthy Life. Frontiers in Physiology, 2017, 8, 357.	1.3	142
4	Adiponectin affects lung epithelial A549 cell viability counteracting TNFa and IL-1ÃŸ toxicity through AdipoR1. International Journal of Biochemistry and Cell Biology, 2013, 45, 1145-1153.	1.2	97
5	Adiponectin as Link Factor between Adipose Tissue and Cancer. International Journal of Molecular Sciences, 2019, 20, 839.	1.8	91
6	Cyclic Peptides as Novel Therapeutic Microbicides: Engineering of Human Defensin Mimetics. Molecules, 2017, 22, 1217.	1.7	78
7	Induction of APOBEC3 Exacerbates DNA Replication Stress and Chromosomal Instability in Early Breast and Lung Cancer Evolution. Cancer Discovery, 2021, 11, 2456-2473.	7.7	74
8	Adiponectin oligomerization state and adiponectin receptors airway expression in chronic obstructive pulmonary disease. International Journal of Biochemistry and Cell Biology, 2012, 44, 563-569.	1.2	62
9	The burden of obesity in asthma and COPD: Role of adiponectin. Pulmonary Pharmacology and Therapeutics, 2017, 43, 20-25.	1.1	60
10	Adiponectin: An Attractive Marker for Metabolic Disorders in Chronic Obstructive Pulmonary Disease (COPD). Nutrients, 2013, 5, 4115-4125.	1.7	59
11	Role of Functional Beverages on Sport Performance and Recovery. Nutrients, 2018, 10, 1470.	1.7	48
12	Short-Term Physiological Effects of a Very Low-Calorie Ketogenic Diet: Effects on Adiponectin Levels and Inflammatory States. International Journal of Molecular Sciences, 2020, 21, 3228.	1.8	48
13	Molecular mechanisms involved in the positive effects of physical activity on coping with COVID-19. European Journal of Applied Physiology, 2020, 120, 2569-2582.	1.2	45
14	Pulmonary Hypertension and Obesity: Focus on Adiponectin. International Journal of Molecular Sciences, 2019, 20, 912.	1.8	43
15	Adiponectin down-regulates CREB and inhibits proliferation of A549 lung cancer cells. Pulmonary Pharmacology and Therapeutics, 2017, 45, 114-120.	1.1	40
16	Adiponectin profile and Irisin expression in Italian obese children: Association with insulin-resistance. Cytokine, 2017, 94, 8-13.	1.4	40
17	A Functional Interplay between IGF-1 and Adiponectin. International Journal of Molecular Sciences, 2017, 18, 2145.	1.8	40
18	Î²-Defensins in the Fight against Helicobacter pylori. Molecules, 2017, 22, 424.	1.7	40

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19	Hempseed Lignanamides Rich-Fraction: Chemical Investigation and Cytotoxicity towards U-87 Glioblastoma Cells. Molecules, 2020, 25, 1049.	1.7	37
20	An ancestral host defence peptide within human Î²-defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. Scientific Reports, 2016, 5, 18450.	1.6	35
21	Adiponectin in Asthma: Implications for Phenotyping. Current Protein and Peptide Science, 2015, 16, 182-187.	0.7	35
22	Chimeric Beta-Defensin Analogs, Including the Novel 3NI Analog, Display Salt-Resistant Antimicrobial Activity and Lack Toxicity in Human Epithelial Cell Lines. Antimicrobial Agents and Chemotherapy, 2013, 57, 1701-1708.	1.4	33
23	Adiponectin and Orexin-A as a Potential Immunity Link Between Adipose Tissue and Central Nervous System. Frontiers in Physiology, 2018, 9, 982.	1.3	33
24	Design and activity of a cyclic mini-β-defensin analog: a novel antimicrobial tool. International Journal of Nanomedicine, 2015, 10, 6523.	3.3	30
25	Total and High Molecular Weight Adiponectin Expression Is Decreased in Patients with Common Variable Immunodeficiency: Correlation with Ig Replacement Therapy. Frontiers in Immunology, 2017, 8, 895.	2.2	30
26	Effects of Plant Oil Interesterified Triacylglycerols on Lipemia and Human Health. International Journal of Molecular Sciences, 2018, 19, 104.	1.8	28
27	Evaluation of adiponectin profile in Italian patients affected by obstructive sleep apnea syndrome. Pulmonary Pharmacology and Therapeutics, 2016, 40, 104-108.	1.1	27
28	Adiponectin Expression and Genotypes in Italian People with Severe Obesity Undergone a Hypocaloric Diet and Physical Exercise Program. Nutrients, 2019, 11, 2195.	1.7	25
29	Membrane Protein 4F2/CD98 Is a Cell Surface Receptor Involved in the Internalization and Trafficking of Human Î²-Defensin 3 in Epithelial Cells. Chemistry and Biology, 2015, 22, 217-228.	6.2	23
30	The Important Role of Adiponectin and Orexin-A, Two Key Proteins Improving Healthy Status: Focus on Physical Activity. Frontiers in Physiology, 2020, 11, 356.	1.3	22
31	Functional Changes Induced by Orexin A and Adiponectin on the Sympathetic/Parasympathetic Balance. Frontiers in Physiology, 2018, 9, 259.	1.3	21
32	Adiponectin Expression Is Modulated by Long-Term Physical Activity in Adult Patients Affected by Cystic Fibrosis. Mediators of Inflammation, 2019, 2019, 1-7.	1.4	20
33	AdipoRon Affects Cell Cycle Progression and Inhibits Proliferation in Human Osteosarcoma Cells. Journal of Oncology, 2020, 2020, 1-12.	0.6	20
34	GDM-complicated pregnancies: focus on adipokines. Molecular Biology Reports, 2021, 48, 8171-8180.	1.0	20
35	Supervised physical exercise improves clinical, anthropometric and biochemical parameters in adult cystic fibrosis patients: A 2â€year evaluation. Clinical Respiratory Journal, 2018, 12, 2228-2234.	0.6	19
36	The State of Art of Regenerative Therapy in Cardiovascular Ischemic Disease: Biology, Signaling Pathways, and Epigenetics of Endothelial Progenitor Cells. Cells, 2020, 9, 1886.	1.8	19

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37	Metabolic Perturbations and Severe COVID-19 Disease: Implication of Molecular Pathways. International Journal of Endocrinology, 2020, 2020, 1-10.	0.6	19
38	AdipoRon and Other Adiponectin Receptor Agonists as Potential Candidates in Cancer Treatments. International Journal of Molecular Sciences, 2021, 22, 5569.	1.8	17
39	Adiponectin Is Inversely Associated With Tumour Grade in Colorectal Cancer Patients. Anticancer Research, 2020, 40, 3751-3757.	0.5	16
40	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.	1.3	16
41	New synthetic AICAR derivatives with enhanced AMPK and ACC activation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 748-753.	2.5	15
42	Implications of the Adiponectin System in Non-Small Cell Lung Cancer Patients: A Case-Control Study. Biomolecules, 2020, 10, 926.	1.8	15
43	Cancer Initiation, Progression and Resistance: Are Phytocannabinoids from Cannabis sativa L. Promising Compounds?. Molecules, 2021, 26, 2668.	1.7	15
44	Gene molecular analysis and Adiponectin expression in professional Water Polo players. Cytokine, 2016, 81, 88-93.	1.4	13
45	Higher throughput drug screening for rare respiratory diseases: Readthrough therapy in primary ciliary dyskinesia. European Respiratory Journal, 2021, 58, 2000455.	3.1	13
46	The Use of Velocity Information in Movement Reproduction. Frontiers in Psychology, 2017, 8, 983.	1.1	12
47	Adiponectin Receptors and Pro-inflammatory Cytokines Are Modulated in Common Variable Immunodeficiency Patients: Correlation With Ig Replacement Therapy. Frontiers in Immunology, 2019, 10, 2812.	2.2	12
48	Cross-talk between human airway epithelial cells and 3T3-J2 feeder cells involves partial activation of human MET by murine HGF. PLoS ONE, 2018, 13, e0197129.	1.1	11
49	Nutritional factors influencing plasma adiponectin levels: results from a randomised controlled study with whole-grain cereals. International Journal of Food Sciences and Nutrition, 2020, 71, 509-515.	1.3	11
50	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.	1.4	10
51	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.	0.7	10
52	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.	1.4	10
53	Identification of Annexin A1 interacting proteins in chronic myeloid leukemia KCL22 cells. Proteomics, 2013, 13, 2414-2418.	1.3	9
54	Late diagnosis of Fabry disease caused by a de novo mutation in a patient with end stage renal disease. BMC Research Notes, 2015, 8, 711.	0.6	9

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55	Host defense peptideâ€derived privileged scaffolds for antiâ€infective drug discovery. Journal of Peptide Science, 2017, 23, 303-310.	0.8	9
56	Antidoping program: an important factor in the promotion and protection of the integrity of sport and athlete's health. Journal of Sports Medicine and Physical Fitness, 2018, 58, 1135-1145.	0.4	9
57	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.	1.8	9
58	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. Pharmacological Research, 2016, 103, 114-122.	3.1	8
59	Impact of Physical Activity on Cognitive Functions: A New Field for Research and Management of Cystic Fibrosis. Diagnostics, 2020, 10, 489.	1.3	8
60	Food, Nutrition, Physical Activity and Microbiota: Which Impact on Lung Cancer?. International Journal of Environmental Research and Public Health, 2021, 18, 2399.	1.2	8
61	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.	1.9	7
62	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.	1.4	7
63	Cannabidiolic acid in Hemp Seed Oil Table Spoon and Beyond. Molecules, 2022, 27, 2566.	1.7	7
64	Physical Activity Regulates TNFÎ± and IL-6 Expression to Counteract Inflammation in Cystic Fibrosis Patients. International Journal of Environmental Research and Public Health, 2021, 18, 4691.	1.2	5
65	Case Report: Concurrent Resistance and Aerobic Training Regulate Adiponectin Expression and Disease Severity in Multiple Sclerosis: A Case Study. Frontiers in Neuroscience, 2020, 14, 567302.	1.4	4
66	Differently expressed microRNA in response to the first Ig replacement therapy in common variable immunodeficiency patients. Scientific Reports, 2020, 10, 21482.	1.6	4
67	A novel smaller Î²â€defensinâ€derived peptide is active against multidrugâ€resistant bacterial strains. FASEB Journal, 2021, 35, e22026.	0.2	4
68	Mannose-binding lectin genetic analysis: possible protective role of the HYPA haplotype in the development of recurrent urinary tract infections in men. International Journal of Infectious Diseases, 2014, 19, 100-102.	1.5	3
69	microRNAâ€377â€3p downregulates the oncosuppressor Tâ€cadherin in colorectal adenocarcinoma cells. Cell Biology International, 2021, 45, 1797-1803.	1.4	3
70	Evaluation of two different 1-year training programs among prepuberal female children. German Journal of Exercise and Sport Research, 2022, 52, 68-75.	1.0	3
71	AdipoRon negatively regulates proliferation and migration of ARPE-19 human retinal pigment epithelial cells. Peptides, 2021, 146, 170676.	1.2	3
72	COVID19 Pandemic and Physical Activity: An Observational Study on Sleep Quality and Anxiety. Sports, 2022, 10, 44.	0.7	3

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73	Dietary influence on adiponectin in patients with type 2 diabetes. European Journal of Clinical Investigation, 2021, 51, e13548.	1.7	1
74	Treatment with sera from Water Polo athletes activates AMPKÎ± and ACC proteins In HepG2 hepatoma cell line. Sport Sciences for Health, 2021, 17, 745-752.	0.4	1
75	PPARÎ³ and ADRB3 polymorphisms analysis and Irisin expression in professional water polo players. Sport Sciences for Health, 2017, 13, 395-401.	0.4	1