

Luigi Di Luigi

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.

84
papers

1,265
citations

22
h-index

29
g-index

90
ext. papers

1,618
ext. citations

4.3
avg, IF

4.43
L-index

#	Paper	IF	Citations
84	Physical activity in the prevention of human diseases: role of epigenetic modifications. <i>BMC Genomics</i> , 2017 , 18, 802	4.5	93
83	Acute exercise modulates BDNF and pro-BDNF protein content in immune cells. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1871-80	1.2	52
82	Andrological aspects of physical exercise and sport medicine. <i>Endocrine</i> , 2012 , 42, 278-84	4	47
81	Gynecomastia and hormones. <i>Endocrine</i> , 2017 , 55, 37-44	4	44
80	Resistance training and redox homeostasis: Correlation with age-associated genomic changes. <i>Redox Biology</i> , 2016 , 10, 34-44	11.3	41
79	Supplements and the endocrine system in athletes. <i>Clinics in Sports Medicine</i> , 2008 , 27, 131-51, ix	2.6	32
78	Phosphodiesterase Type 5 Inhibitor Sildenafil Decreases the Proinflammatory Chemokine CXCL10 in Human Cardiomyocytes and in Subjects with Diabetic Cardiomyopathy. <i>Inflammation</i> , 2016 , 39, 1238-52 ^{5,1}	5.1	31
77	Exposure to phosphodiesterase type 5 inhibitors stimulates aromatase expression in human adipocytes in vitro. <i>Journal of Sexual Medicine</i> , 2011 , 8, 696-704	1.1	31
76	Cortisol, dehydroepiandrosterone sulphate and dehydroepiandrosterone sulphate/cortisol ratio responses to physical stress in males are influenced by pubertal development. <i>Journal of Endocrinological Investigation</i> , 2006 , 29, 796-804	5.2	30
75	The type 5 phosphodiesterase inhibitor tadalafil influences salivary cortisol, testosterone, and dehydroepiandrosterone sulphate responses to maximal exercise in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3510-4	5.6	29
74	Chronic consumption of quercetin reduces erythrocytes oxidative damage: Evaluation at resting and after eccentric exercise in humans. <i>Nutrition Research</i> , 2018 , 50, 73-81	4	28
73	The long-acting phosphodiesterase inhibitor tadalafil does not influence athletesTVO2max, aerobic, and anaerobic thresholds in normoxia. <i>International Journal of Sports Medicine</i> , 2008 , 29, 110-5	3.6	28
72	Effects of Aerobic Exercise Based upon Heart Rate at Aerobic Threshold in Obese Elderly Subjects with Type 2 Diabetes. <i>International Journal of Endocrinology</i> , 2015 , 2015, 695297	2.7	26
71	Tadalafil alters energy metabolism in C2C12 skeletal muscle cells.. <i>Acta Biochimica Polonica</i> , 2011 , 58,	2	26
70	Do non-steroidal anti-inflammatory drugs influence the steroid hormone milieu in male athletes?. <i>International Journal of Sports Medicine</i> , 2007 , 28, 809-14	3.6	24
69	Combined evaluation of resting IGF-I, N-terminal propeptide of type III procollagen (PIIINP) and C-terminal cross-linked telopeptide of type I collagen (ICTP) levels might be useful for detecting inappropriate GH administration in athletes: a preliminary report. <i>Clinical Endocrinology</i> , 2004 , 61, 487-93	3.4	24
68	The Effects of Quercetin Supplementation on Eccentric Exercise-Induced Muscle Damage. <i>Nutrients</i> , 2019 , 11,	6.7	23

67	Exercise at lunchtime: effect on glycemic control and oxidative stress in middle-aged men with type 2 diabetes. <i>European Journal of Applied Physiology</i> , 2016 , 116, 573-82	3.4	23
66	Tadalafil alters energy metabolism in C2C12 skeletal muscle cells. <i>Acta Biochimica Polonica</i> , 2011 , 58, 237-41	2	23
65	Phosphodiesterase type 5 inhibitors: back and forward from cardiac indications. <i>Journal of Endocrinological Investigation</i> , 2016 , 39, 143-51	5.2	22
64	Testosterone responses to standardized short-term sub-maximal and maximal endurance exercises: issues on the dynamic adaptive role of the hypothalamic-pituitary-testicular axis. <i>Journal of Endocrinological Investigation</i> , 2014 , 37, 13-24	5.2	22
63	Acute amino acids supplementation enhances pituitary responsiveness in athletes. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 1748-54	1.2	22
62	Physical exercise, nutrition and hormones: three pillars to fight sarcopenia. <i>Aging Male</i> , 2019 , 22, 75-88	2.1	22
61	The endocrine disruptor cadmium alters human osteoblast-like Saos-2 cells homeostasis in vitro by alteration of Wnt/βcatenin pathway and activation of caspases. <i>Journal of Endocrinological Investigation</i> , 2015 , 38, 1345-56	5.2	21
60	Is explosive performance influenced by androgen concentrations in young male soccer players?. <i>British Journal of Sports Medicine</i> , 2009 , 43, 191-4	10.3	21
59	Potential role for the VDR agonist elocalcitol in metabolic control: Evidences in human skeletal muscle cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 167, 169-181	5.1	19
58	The phosphodiesterase 5 inhibitor sildenafil decreases the proinflammatory chemokine IL-8 in diabetic cardiomyopathy: in vivo and in vitro evidence. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 715-725	5.2	19
57	Influence of the PDE5 inhibitor tadalafil on redox status and antioxidant defense system in C2C12 skeletal muscle cells. <i>Cell Stress and Chaperones</i> , 2017 , 22, 389-396	4	18
56	Exosomes in Systemic Sclerosis: Messengers Between Immune, Vascular and Fibrotic Components?. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
55	Prevalence of undiagnosed testosterone deficiency in aging athletes: does exercise training influence the symptoms of male hypogonadism?. <i>Journal of Sexual Medicine</i> , 2010 , 7, 2591-601	1.1	18
54	Heredity and pituitary response to exercise-related stress in trained men. <i>International Journal of Sports Medicine</i> , 2003 , 24, 551-8	3.6	17
53	Sport, doping and male fertility. <i>Reproductive Biology and Endocrinology</i> , 2018 , 16, 114	5	17
52	Testosterone insulin-like effects: an in vitro study on the short-term metabolic effects of testosterone in human skeletal muscle cells. <i>Journal of Endocrinological Investigation</i> , 2017 , 40, 1133-1143	5.2	16
51	Androgenic-anabolic steroids abuse in males. <i>Journal of Endocrinological Investigation</i> , 2005 , 28, 81-4	5.2	16
50	Effects of Ketone Bodies on Endurance Exercise. <i>Current Sports Medicine Reports</i> , 2018 , 17, 444-453	1.9	15

49	Sport and exercise genomics: the FIMS 2019 consensus statement update. <i>British Journal of Sports Medicine</i> , 2020 , 54, 969-975	10.3	14
48	The phosphodiesterases type 5 inhibitor tadalafil reduces the activation of the hypothalamus-pituitary-adrenal axis in men during cycle ergometric exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E972-8	6	14
47	Sildenafil Reduces Expression and Release of IL-6 and IL-8 Induced by Reactive Oxygen Species in Systemic Sclerosis Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
46	Concerns about serum androgens monitoring during testosterone replacement treatments in hypogonadal male athletes: a pilot study. <i>Journal of Sexual Medicine</i> , 2012 , 9, 873-86	1.1	13
45	The vitamin D receptor agonist BXL-01-0029 as a potential new pharmacological tool for the treatment of inflammatory myopathies. <i>PLoS ONE</i> , 2013 , 8, e77745	3.7	13
44	Urinary and serum hormones profiles after testosterone enanthate administration in male hypogonadism: concerns on the detection of doping with testosterone in treated hypogonadal athletes. <i>Journal of Endocrinological Investigation</i> , 2009 , 32, 445-53	5.2	13
43	Folate: a possible role in erectile dysfunction?. <i>Aging Male</i> , 2018 , 21, 116-120	2.1	13
42	Tadalafil improves lean mass and endothelial function in nonobese men with mild ED/LUTS: in vivo and in vitro characterization. <i>Endocrine</i> , 2017 , 56, 639-648	4	12
41	Phosphodiesterase Type 5 Inhibitors, Sport and Doping. <i>Current Sports Medicine Reports</i> , 2017 , 16, 443-447	4.7	11
40	Insulin-like effect of the phosphodiesterase type 5 inhibitor tadalafil onto male human skeletal muscle cells. <i>Journal of Endocrinological Investigation</i> , 2013 , 36, 1020-6	5.2	11
39	Acute severe male hypo-testosteronemia affects central motor command in humans. <i>Journal of Electromyography and Kinesiology</i> , 2016 , 28, 184-92	2.5	11
38	Abdominal Fat and Sarcopenia in Women Significantly Alter Osteoblasts Homeostasis In Vitro by a WNT/ β Catenin Dependent Mechanism. <i>International Journal of Endocrinology</i> , 2014 , 2014, 278316	2.7	10
37	Aspirin inhibits androgen response to chorionic gonadotropin in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 277, E1032-7	6	10
36	The phosphodiesterase 5 inhibitor tadalafil regulates lipidic homeostasis in human skeletal muscle cell metabolism. <i>Endocrine</i> , 2018 , 59, 602-613	4	10
35	Acute effect of physical exercise on serum insulin-like growth factor-binding protein 2 and 3 in healthy men: role of exercise-linked growth hormone secretion. <i>International Journal of Sports Medicine</i> , 2001 , 22, 103-10	3.6	9
34	Short-term, supra-physiological rhGH administration induces transient DNA damage in peripheral lymphocytes of healthy women. <i>Journal of Endocrinological Investigation</i> , 2017 , 40, 645-652	5.2	8
33	Sport and male sexuality. <i>Journal of Endocrinological Investigation</i> , 2017 , 40, 911-923	5.2	8
32	Clinically relevant radioresistant rhabdomyosarcoma cell lines: functional, molecular and immune-related characterization. <i>Journal of Biomedical Science</i> , 2020 , 27, 90	13.3	8

31	The p75-mediated effect of nerve growth factor in L6C5 myogenic cells. <i>BMC Research Notes</i> , 2017 , 10, 686	2.3	7
30	Acute effects of physical exercise and phosphodiesterase 5 inhibition on serum 11 β -hydroxysteroid dehydrogenases related glucocorticoids metabolites: a pilot study. <i>Endocrine</i> , 2014 , 47, 952-8	4	7
29	Physical activity and hypocaloric diet recovers osteoblasts homeostasis in women affected by abdominal obesity. <i>Endocrine</i> , 2017 , 58, 340-348	4	6
28	Recommendations for return to sport during the SARS-CoV-2 pandemic. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000858	3.4	6
27	Exercise as a drug for glucose management and prevention in type 2 diabetes mellitus. <i>Current Opinion in Pharmacology</i> , 2021 , 59, 95-102	5.1	6
26	The use of prohibited substances for therapeutic reasons in athletes affected by endocrine diseases and disorders: the therapeutic use exemption (TUE) in clinical endocrinology. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 563-573	5.2	5
25	Exercise-mediated downregulation of MALAT1 expression and implications in primary and secondary cancer prevention. <i>Free Radical Biology and Medicine</i> , 2020 , 160, 28-39	7.8	5
24	Comparative study of testosterone and vitamin D analogue, elocalcitol, on insulin-controlled signal transduction pathway regulation in human skeletal muscle cells. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 897-907	5.2	5
23	Quercetin Supplementation Improves Neuromuscular Function Recovery from Muscle Damage. <i>Nutrients</i> , 2020 , 12,	6.7	4
22	The Phosphodiesterase Type 5 Inhibitor Sildenafil Improves DNA Stability and Redox Homeostasis in Systemic Sclerosis Fibroblasts Exposed to Reactive Oxygen Species. <i>Antioxidants</i> , 2020 , 9,	7.1	4
21	Advantages of Phosphodiesterase Type 5 Inhibitors in the Management of Glucose Metabolism Disorders: A Clinical and Translational Issue. <i>International Journal of Endocrinology</i> , 2020 , 2020, 7078108 ²⁻⁷	2.7	4
20	Supra-physiological rhGH administration induces gender-related differences in the hypothalamus-pituitary-thyroid (HPT) axis in healthy individuals. <i>Journal of Endocrinological Investigation</i> , 2016 , 39, 1383-1390	5.2	4
19	Assessment of pN-GAL as a marker of renal function in elite cyclists during professional competitions. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2017 , 31, 829-835	0.7	4
18	Vitamin D, sport and health: a still unresolved clinical issue. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 1689-1702	5.2	3
17	Testosterone-mediated activation of androgenic signalling sustains in vitro the transformed and radioresistant phenotype of rhabdomyosarcoma cell lines. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 183-197	5.2	3
16	Subclinical hyperthyroidism and sport eligibility: an exploratory study on cardiovascular pre-participation screening in subjects treated with levothyroxine for multinodular goiter. <i>Journal of Endocrinological Investigation</i> , 2009 , 32, 825-31	5.2	3
15	Muscle Damage in Systemic Sclerosis and CXCL10: The Potential Therapeutic Role of PDE5 Inhibition. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
14	Romidepsin (FK228) fails in counteracting the transformed phenotype of rhabdomyosarcoma cells but efficiently radiosensitizes, in vitro and in vivo, the alveolar phenotype subtype. <i>International Journal of Radiation Biology</i> , 2021 , 97, 943-957	2.9	3

13	Sildenafil Counteracts the In Vitro Activation of CXCL-9, CXCL-10 and CXCL-11/CXCR3 Axis Induced by Reactive Oxygen Species in Scleroderma Fibroblasts. <i>Biology</i> , 2021 , 10,	4.9	2
12	Estrogen-Receptor-Positive Breast Cancer in Postmenopausal Women: The Role of Body Composition and Physical Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
11	Quercetin Modulates IGF-I and IGF-II Levels After Eccentric Exercise-Induced Muscle-Damage: A Placebo-Controlled Study. <i>Frontiers in Endocrinology</i> , 2021 , 12, 745959	5.7	1
10	Acute tadalafil administration increases plasma fatty acids without changes in the inflammatory response in healthy men. <i>Acta Biochimica Polonica</i> , 2017 , 64, 687-691	2	1
9	Effects of exercise before and/or after a mixed lunch on postprandial metabolic responses in healthy male individuals. <i>European Journal of Nutrition</i> , 2021 , 60, 3437-3447	5.2	1
8	Systemic Response of Antioxidants, Heat Shock Proteins, and Inflammatory Biomarkers to Short-Lasting Exercise Training in Healthy Male Subjects. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 1938492	6.7	0
7	Exercise-induced GH secretion is related to puberty. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 1283-1289	5.2	0
6	Dihydrotestosterone (DHT) rapidly increase after maximal aerobic exercise in healthy males: the lowering effect of phosphodiesterase 5 inhibitors on DHT response to exercise-related stress. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 1219-1228	5.2	0
5	Endocrine Management of Transgender Adults: A Clinical Approach. <i>Sexes</i> , 2021 , 2, 104-118	0.3	0
4	Exploratory Analysis in the Differences in Blood Serum and Seminal Plasma of Adipose-Tissue Related Peptides in Obese and Non-Obese Men and Their Correlations With Semen Parameters. <i>Frontiers in Endocrinology</i> , 2021 , 12, 681939	5.7	0
3	Pubertà attivit� motorie e sport. <i>L Endocrinologo</i> , 2013 , 14, 195-204	0	
2	Timely exercise for controlling glucose and oxidative stress. Reply to Chacko E. [letter]. <i>European Journal of Applied Physiology</i> , 2016 , 116, 1089-90	3.4	
1	Il controllo ormonale del muscolo: una prospettiva di genere. <i>L Endocrinologo</i> , 2018 , 19, 283-287	0	