

# Luigi Di Luigi

## 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.

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	Quercetin Modulates IGF-I and IGF-II Levels After Eccentric Exercise-Induced Muscle-Damage: A Placebo-Controlled Study. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 745959	5.7	1
83	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> , <b>2021</b> , 2021, 1938492	6.7	0
82	Muscle Damage in Systemic Sclerosis and CXCL10: The Potential Therapeutic Role of PDE5 Inhibition. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
81	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> , <b>2021</b> , 10,	4.9	2
80	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> , <b>2021</b> , 97, 943-957	2.9	3
79	Exercise-induced GH secretion is related to puberty. <i>Journal of Endocrinological Investigation</i> , <b>2021</b> , 44, 1283-1289	5.2	0
78	Dihydrotestosterone (DHT) rapidly increase after maximal aerobic exercise in healthy males: the lowering effect of phosphodiesterase type 5 inhibitors on DHT response to exercise-related stress. <i>Journal of Endocrinological Investigation</i> , <b>2021</b> , 44, 1219-1228	5.2	0
77	Effects of exercise before and/or after a mixed lunch on postprandial metabolic responses in healthy male individuals. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 3437-3447	5.2	1
76	Endocrine Management of Transgender Adults: A Clinical Approach. <i>Sexes</i> , <b>2021</b> , 2, 104-118	0.3	0
75	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> , <b>2021</b> , 12, 681939	5.7	0
74	Exercise as a drug for glucose management and prevention in type 2 diabetes mellitus. <i>Current Opinion in Pharmacology</i> , <b>2021</b> , 59, 95-102	5.1	6
73	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> , <b>2021</b> , 18,	4.6	2
72	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> , <b>2020</b> , 21,	6.3	13
71	Vitamin D, sport and health: a still unresolved clinical issue. <i>Journal of Endocrinological Investigation</i> , <b>2020</b> , 43, 1689-1702	5.2	3
70	Sport and exercise genomics: the FIMS 2019 consensus statement update. <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 969-975	10.3	14
69	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> , <b>2020</b> , 43, 563-573	5.2	5
68	Quercetin Supplementation Improves Neuromuscular Function Recovery from Muscle Damage. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4

67	Exercise-mediated downregulation of MALAT1 expression and implications in primary and secondary cancer prevention. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 160, 28-39	7.8	5
66	Recommendations for return to sport during the SARS-CoV-2 pandemic. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2020</b> , 6, e000858	3.4	6
65	The Phosphodiesterase Type 5 Inhibitor Sildenafil Improves DNA Stability and Redox Homeostasis in Systemic Sclerosis Fibroblasts Exposed to Reactive Oxygen Species. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	4
64	Clinically relevant radioresistant rhabdomyosarcoma cell lines: functional, molecular and immune-related characterization. <i>Journal of Biomedical Science</i> , <b>2020</b> , 27, 90	13.3	8
63	Advantages of Phosphodiesterase Type 5 Inhibitors in the Management of Glucose Metabolism Disorders: A Clinical and Translational Issue. <i>International Journal of Endocrinology</i> , <b>2020</b> , 2020, 7078108 <sup>2-7</sup>	2.7	4
62	Exosomes in Systemic Sclerosis: Messengers Between Immune, Vascular and Fibrotic Components?. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
61	The Effects of Quercetin Supplementation on Eccentric Exercise-Induced Muscle Damage. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	23
60	Testosterone-mediated activation of androgenic signalling sustains in vitro the transformed and radioresistant phenotype of rhabdomyosarcoma cell lines. <i>Journal of Endocrinological Investigation</i> , <b>2019</b> , 42, 183-197	5.2	3
59	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> , <b>2019</b> , 42, 897-907	5.2	5
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> , <b>2019</b> , 42, 715-725	5.2	19
57	Physical exercise, nutrition and hormones: three pillars to fight sarcopenia. <i>Aging Male</i> , <b>2019</b> , 22, 75-88	2.1	22
56	Chronic consumption of quercetin reduces erythrocytes oxidative damage: Evaluation at resting and after eccentric exercise in humans. <i>Nutrition Research</i> , <b>2018</b> , 50, 73-81	4	28
55	Folate: a possible role in erectile dysfunction?. <i>Aging Male</i> , <b>2018</b> , 21, 116-120	2.1	13
54	The phosphodiesterase 5 inhibitor tadalafil regulates lipidic homeostasis in human skeletal muscle cell metabolism. <i>Endocrine</i> , <b>2018</b> , 59, 602-613	4	10
53	Effects of Ketone Bodies on Endurance Exercise. <i>Current Sports Medicine Reports</i> , <b>2018</b> , 17, 444-453	1.9	15
52	Sport, doping and male fertility. <i>Reproductive Biology and Endocrinology</i> , <b>2018</b> , 16, 114	5	17
51	Il controllo ormonale del muscolo: una prospettiva di genere. <i>L Endocrinologo</i> , <b>2018</b> , 19, 283-287	0	
50	Gynecomastia and hormones. <i>Endocrine</i> , <b>2017</b> , 55, 37-44	4	44

49	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> , <b>2017</b> , 167, 169-181	5.1	19
48	Tadalafil improves lean mass and endothelial function in nonobese men with mild ED/LUTS: in vivo and in vitro characterization. <i>Endocrine</i> , <b>2017</b> , 56, 639-648	4	12
47	Short-term, supra-physiological rhGH administration induces transient DNA damage in peripheral lymphocytes of healthy women. <i>Journal of Endocrinological Investigation</i> , <b>2017</b> , 40, 645-652	5.2	8
46	Influence of the PDE5 inhibitor tadalafil on redox status and antioxidant defense system in C2C12 skeletal muscle cells. <i>Cell Stress and Chaperones</i> , <b>2017</b> , 22, 389-396	4	18
45	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> , <b>2017</b> , 40, 1133-1143	5.2	16
44	Sport and male sexuality. <i>Journal of Endocrinological Investigation</i> , <b>2017</b> , 40, 911-923	5.2	8
43	Physical activity and hypocaloric diet recovers osteoblasts homeostasis in women affected by abdominal obesity. <i>Endocrine</i> , <b>2017</b> , 58, 340-348	4	6
42	The p75-mediated effect of nerve growth factor in L6C5 myogenic cells. <i>BMC Research Notes</i> , <b>2017</b> , 10, 686	2.3	7
41	Phosphodiesterase Type 5 Inhibitors, Sport and Doping. <i>Current Sports Medicine Reports</i> , <b>2017</b> , 16, 443-447	4.7	11
40	Physical activity in the prevention of human diseases: role of epigenetic modifications. <i>BMC Genomics</i> , <b>2017</b> , 18, 802	4.5	93
39	Acute tadalafil administration increases plasma fatty acids without changes in the inflammatory response in healthy men. <i>Acta Biochimica Polonica</i> , <b>2017</b> , 64, 687-691	2	1
38	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> , <b>2017</b> , 31, 829-835	0.7	4
37	Phosphodiesterase type 5 inhibitors: back and forward from cardiac indications. <i>Journal of Endocrinological Investigation</i> , <b>2016</b> , 39, 143-51	5.2	22
36	Phosphodiesterase Type 5 Inhibitor Sildenafil Decreases the Proinflammatory Chemokine CXCL10 in Human Cardiomyocytes and in Subjects with Diabetic Cardiomyopathy. <i>Inflammation</i> , <b>2016</b> , 39, 1238-52	5.1	31
35	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> , <b>2016</b> , 116, 573-82	3.4	23
34	Supra-physiological rhGH administration induces gender-related differences in the hypothalamus-pituitary-thyroid (HPT) axis in healthy individuals. <i>Journal of Endocrinological Investigation</i> , <b>2016</b> , 39, 1383-1390	5.2	4
33	Acute severe male hypo-testosteronemia affects central motor command in humans. <i>Journal of Electromyography and Kinesiology</i> , <b>2016</b> , 28, 184-92	2.5	11
32	Timely exercise for controlling glucose and oxidative stress. Reply to Chacko E. [letter]. <i>European Journal of Applied Physiology</i> , <b>2016</b> , 116, 1089-90	3.4	

31	Resistance training and redox homeostasis: Correlation with age-associated genomic changes. <i>Redox Biology</i> , <b>2016</b> , 10, 34-44	11.3	41
30	The endocrine disruptor cadmium alters human osteoblast-like Saos-2 cells homeostasis in vitro by alteration of Wnt/ $\beta$ -catenin pathway and activation of caspases. <i>Journal of Endocrinological Investigation</i> , <b>2015</b> , 38, 1345-56	5.2	21
29	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> , <b>2015</b> , 2015, 695297	2.7	26
28	Acute effects of physical exercise and phosphodiesterase $\beta$ type 5 inhibition on serum 11 $\beta$ -hydroxysteroid dehydrogenases related glucocorticoids metabolites: a pilot study. <i>Endocrine</i> , <b>2014</b> , 47, 952-8	4	7
27	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> , <b>2014</b> , 37, 13-24	5.2	22
26	Abdominal Fat and Sarcopenia in Women Significantly Alter Osteoblasts Homeostasis In Vitro by a WNT/ $\beta$ -Catenin Dependent Mechanism. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 278316	2.7	10
25	Pubert $\grave{a}$ attivit $\grave{a}$ motorie e sport. <i>L Endocrinologo</i> , <b>2013</b> , 14, 195-204	0	
24	The vitamin D receptor agonist BXL-01-0029 as a potential new pharmacological tool for the treatment of inflammatory myopathies. <i>PLoS ONE</i> , <b>2013</b> , 8, e77745	3.7	13
23	Insulin-like effect of the phosphodiesterase type 5 inhibitor tadalafil onto male human skeletal muscle cells. <i>Journal of Endocrinological Investigation</i> , <b>2013</b> , 36, 1020-6	5.2	11
22	Concerns about serum androgens monitoring during testosterone replacement treatments in hypogonadal male athletes: a pilot study. <i>Journal of Sexual Medicine</i> , <b>2012</b> , 9, 873-86	1.1	13
21	Andrological aspects of physical exercise and sport medicine. <i>Endocrine</i> , <b>2012</b> , 42, 278-84	4	47
20	Acute exercise modulates BDNF and pro-BDNF protein content in immune cells. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 1871-80	1.2	52
19	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> , <b>2012</b> , 302, E972-8	6	14
18	Exposure to phosphodiesterase type 5 inhibitors stimulates aromatase expression in human adipocytes in vitro. <i>Journal of Sexual Medicine</i> , <b>2011</b> , 8, 696-704	1.1	31
17	Tadalafil alters energy metabolism in C2C12 skeletal muscle cells.. <i>Acta Biochimica Polonica</i> , <b>2011</b> , 58,	2	26
16	Tadalafil alters energy metabolism in C2C12 skeletal muscle cells. <i>Acta Biochimica Polonica</i> , <b>2011</b> , 58, 237-41	2	23
15	Prevalence of undiagnosed testosterone deficiency in aging athletes: does exercise training influence the symptoms of male hypogonadism?. <i>Journal of Sexual Medicine</i> , <b>2010</b> , 7, 2591-601	1.1	18
14	Is explosive performance influenced by androgen concentrations in young male soccer players?. <i>British Journal of Sports Medicine</i> , <b>2009</b> , 43, 191-4	10.3	21

13	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> , <b>2009</b> , 32, 825-31	5.2	3
12	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> , <b>2009</b> , 32, 445-53	5.2	13
11	Supplements and the endocrine system in athletes. <i>Clinics in Sports Medicine</i> , <b>2008</b> , 27, 131-51, ix	2.6	32
10	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> , <b>2008</b> , 93, 3510-4	5.6	29
9	The long-acting phosphodiesterase inhibitor tadalafil does not influence athletesTVO2max, aerobic, and anaerobic thresholds in normoxia. <i>International Journal of Sports Medicine</i> , <b>2008</b> , 29, 110-5	3.6	28
8	Do non-steroidal anti-inflammatory drugs influence the steroid hormone milieu in male athletes?. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 809-14	3.6	24
7	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> , <b>2006</b> , 29, 796-804	5.2	30
6	Androgenic-anabolic steroids abuse in males. <i>Journal of Endocrinological Investigation</i> , <b>2005</b> , 28, 81-4	5.2	16
5	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> , <b>2004</b> , 61, 487-93	3.4	24
4	Heredity and pituitary response to exercise-related stress in trained men. <i>International Journal of Sports Medicine</i> , <b>2003</b> , 24, 551-8	3.6	17
3	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> , <b>2001</b> , 22, 103-10	3.6	9
2	Aspirin inhibits androgen response to chorionic gonadotropin in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 277, E1032-7	6	10
1	Acute amino acids supplementation enhances pituitary responsiveness in athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>1999</b> , 31, 1748-54	1.2	22