

Enzo Nisoli

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.

124
papers

7,484
citations

39
h-index

85
g-index

138
ext. papers

8,259
ext. citations

7.6
avg, IF

5.45
L-index

#	Paper	IF	Citations
124	Visceral fat inflammation and fat embolism are associated with lung's lipidic hyaline membranes in subjects with COVID-19.. <i>International Journal of Obesity</i> , 2022 ,	5.5	2
123	Therapeutic induction of energy metabolism reduces neural tissue damage and increases microglia activation in severe spinal cord injury.. <i>Pharmacological Research</i> , 2022 , 178, 106149	10.2	1
122	An amino acid-defined diet impairs tumour growth in mice by promoting endoplasmic reticulum stress and mTOR inhibition.. <i>Molecular Metabolism</i> , 2022 , 101478	8.8	0
121	An original amino acid formula favours in vitro corneal epithelial wound healing by promoting Fn1, ITGB1, and PGC-1 α expression.. <i>Experimental Eye Research</i> , 2022 , 219, 109060	3.7	1
120	Antibody responses to BNT162b2 mRNA vaccine: infection-naïve individuals with abdominal obesity warrant attention. <i>Obesity</i> , 2021 ,	8	7
119	Front-of-pack (FOP) labelling systems, nutrition education, and obesity prevention: nutri-score and nutrinform battery need more research. <i>Eating and Weight Disorders</i> , 2021 , 1	3.6	0
118	Front-of-pack (FOP) labelling systems to improve the quality of nutrition information to prevent obesity: NutrInform Battery vs Nutri-Score. <i>Eating and Weight Disorders</i> , 2021 , 1	3.6	3
117	Essential amino acid formulations to prevent mitochondrial dysfunction and oxidative stress. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2021 , 24, 88-95	3.8	9
116	COVID-19 and Hartnup disease: an affair of intestinal amino acid malabsorption. <i>Eating and Weight Disorders</i> , 2021 , 26, 1647-1651	3.6	4
115	Paracetamol: A Review of Guideline Recommendations. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	10
114	The European Association for the Study of Obesity (EASO) Endorses the Milan Charter on Urban Obesity. <i>Obesity Facts</i> , 2021 , 14, 163-168	5.1	1
113	COVID-19 and fat embolism: a hypothesis to explain the severe clinical outcome in people with obesity. <i>International Journal of Obesity</i> , 2020 , 44, 1800-1802	5.5	15
112	A Special Amino-Acid Formula Tailored to Boosting Cell Respiration Prevents Mitochondrial Dysfunction and Oxidative Stress Caused by Doxorubicin in Mouse Cardiomyocytes. <i>Nutrients</i> , 2020 , 12,	6.7	13
111	Non-invasive investigation of adipose tissue by time domain diffuse optical spectroscopy. <i>Biomedical Optics Express</i> , 2020 , 11, 2779-2793	3.5	11
110	Obesity and Higher Risk for Severe Complications of Covid-19: What to do when the two pandemics meet. <i>Journal of Population Therapeutics and Clinical Pharmacology</i> , 2020 , 27, e31-e36	2	9
109	Complete neural stem cell (NSC) neuronal differentiation requires a branched chain amino acids-induced persistent metabolic shift towards energy metabolism. <i>Pharmacological Research</i> , 2020 , 158, 104863	10.2	14
108	Blockade of IGF2R improves muscle regeneration and ameliorates Duchenne muscular dystrophy. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11019	12	7

107	Targeting Multiple Mitochondrial Processes by a Metabolic Modulator Prevents Sarcopenia and Cognitive Decline in SAMP8 Mice. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1171	5.6	15
106	Manipulation of Dietary Amino Acids Prevents and Reverses Obesity in Mice Through Multiple Mechanisms That Modulate Energy Homeostasis. <i>Diabetes</i> , 2020 , 69, 2324-2339	0.9	11
105	From mitochondria to healthy aging: The role of branched-chain amino acids treatment: MATeR a randomized study. <i>Clinical Nutrition</i> , 2020 , 39, 2080-2091	5.9	19
104	Insulin resistance in obesity: an overview of fundamental alterations. <i>Eating and Weight Disorders</i> , 2018 , 23, 149-157	3.6	113
103	A specific amino acid formula prevents alcoholic liver disease in rodents. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, G566-G582	5.1	22
102	Supplementation with a selective amino acid formula ameliorates muscular dystrophy in mdx mice. <i>Scientific Reports</i> , 2018 , 8, 14659	4.9	13
101	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4148-4162	15.9	87
100	Branched-chain amino acids differently modulate catabolic and anabolic states in mammals: a pharmacological point of view. <i>British Journal of Pharmacology</i> , 2017 , 174, 1366-1377	8.6	70
99	Amino acid supplements and metabolic health: a potential interplay between intestinal microbiota and systems control. <i>Genes and Nutrition</i> , 2017 , 12, 27	4.3	25
98	2015 Milan Declaration: A Call to Action on Obesity - an EASO Position Statement on the Occasion of the 2015 EXPO. <i>Obesity Facts</i> , 2016 , 9, 296-8	5.1	8
97	A Peculiar Formula of Essential Amino Acids Prevents Rosuvastatin Myopathy in Mice. <i>Antioxidants and Redox Signaling</i> , 2016 , 25, 595-608	8.4	18
96	Family lifestyle and childhood obesity in an urban city of Northern Italy. <i>Eating and Weight Disorders</i> , 2015 , 20, 363-70	3.6	6
95	Nitric oxide, interorganelle communication, and energy flow: a novel route to slow aging. <i>Frontiers in Cell and Developmental Biology</i> , 2015 , 3, 6	5.7	22
94	Exercise training induces mitochondrial biogenesis and glucose uptake in subcutaneous adipose tissue through eNOS-dependent mechanisms. <i>Diabetes</i> , 2014 , 63, 2800-11	0.9	112
93	Exercise training boosts eNOS-dependent mitochondrial biogenesis in mouse heart: role in adaptation of glucose metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E519-28	6	62
92	Dietary supplementation with essential amino acids boosts the beneficial effects of rosuvastatin on mouse kidney. <i>Amino Acids</i> , 2014 , 46, 2189-203	3.5	11
91	Creatine, L-carnitine, and β polyunsaturated fatty acid supplementation from healthy to diseased skeletal muscle. <i>BioMed Research International</i> , 2014 , 2014, 613890	3	24
90	Muscle uncoupling protein 3 expression is unchanged by chronic ephedrine/caffeine treatment: results of a double blind, randomised clinical trial in morbidly obese females. <i>PLoS ONE</i> , 2014 , 9, e98244	3.7	13

89	From simplicity towards complexity: the Italian multidimensional approach to obesity. <i>Eating and Weight Disorders</i> , 2014 , 19, 387-94	3.6	6
88	Healthspan and longevity in mammals: a family game for cellular organelles?. <i>Current Pharmaceutical Design</i> , 2014 , 20, 5663-70	3.3	6
87	Chronic nitric oxide deprivation induces an adaptive antioxidant status in human endothelial cells. <i>Cellular Signalling</i> , 2013 , 25, 2290-7	4.9	7
86	Childhood obesity, overweight and underweight: a study in primary schools in Milan. <i>Eating and Weight Disorders</i> , 2013 , 18, 183-91	3.6	9
85	(11)C-meta-hydroxyephedrine PET/CT imaging allows in vivo study of adaptive thermogenesis and white-to-brown fat conversion. <i>Molecular Metabolism</i> , 2013 , 2, 153-60	8.8	18
84	Muscle weakness and nutrition in critical illness: matching nutrient supply and use. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 589-590	35.1	3
83	Amino Acid Supplements and Diabetes 2013 , 83-95		
82	Effects of short and prolonged mild intracellular nitric oxide manipulations on various aspects of insulin secretion in INS-1E β cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012 , 120, 210-6	2.3	2
81	Branched-chain amino acids, mitochondrial biogenesis, and healthspan: an evolutionary perspective. <i>Aging</i> , 2011 , 3, 464-78	5.6	134
80	Chronic deficiency of nitric oxide affects hypoxia inducible factor-1 α (HIF-1 α) stability and migration in human endothelial cells. <i>PLoS ONE</i> , 2011 , 6, e29680	3.7	21
79	Essential amino acid supplementation decreases liver damage induced by chronic ethanol consumption in rats. <i>International Journal of Immunopathology and Pharmacology</i> , 2011 , 24, 611-9	3	12
78	Glycogen synthase kinase-3 inhibition reduces ischemic cerebral damage, restores impaired mitochondrial biogenesis and prevents ROS production. <i>Journal of Neurochemistry</i> , 2011 , 116, 1148-59	6	88
77	Cannabinoid receptor stimulation impairs mitochondrial biogenesis in mouse white adipose tissue, muscle, and liver: the role of eNOS, p38 MAPK, and AMPK pathways. <i>Diabetes</i> , 2010 , 59, 2826-36	0.9	115
76	Endocannabinoids and obesity development in the adipose tissue. <i>Drug Discovery Today Disease Mechanisms</i> , 2010 , 7, e199-e204		6
75	CB(1) signaling in forebrain and sympathetic neurons is a key determinant of endocannabinoid actions on energy balance. <i>Cell Metabolism</i> , 2010 , 11, 273-85	24.6	171
74	Branched-chain amino acid supplementation promotes survival and supports cardiac and skeletal muscle mitochondrial biogenesis in middle-aged mice. <i>Cell Metabolism</i> , 2010 , 12, 362-372	24.6	351
73	Essential amino acids improve insulin activation of AKT/MTOR signaling in soleus muscle of aged rats. <i>International Journal of Immunopathology and Pharmacology</i> , 2010 , 23, 81-9	3	13
72	Supplementation with essential amino acids in middle age maintains the health of rat kidney. <i>International Journal of Immunopathology and Pharmacology</i> , 2010 , 23, 523-33	3	7

71	Leptin is induced in the ischemic cerebral cortex and exerts neuroprotection through NF-kappaB/c-Rel-dependent transcription. <i>Stroke</i> , 2009 , 40, 610-7	6.7	74
70	Really different knockout strains in movement?. <i>Journal of Physiology</i> , 2008 , 586, 913; author reply 915-6,9		1
69	Amino acids and mitochondrial biogenesis. <i>American Journal of Cardiology</i> , 2008 , 101, 22E-25E	3	25
68	Morphometric changes induced by amino acid supplementation in skeletal and cardiac muscles of old mice. <i>American Journal of Cardiology</i> , 2008 , 101, 26E-34E	3	51
67	Leptin-dependent STAT3 phosphorylation in postnatal mouse hypothalamus. <i>Brain Research</i> , 2008 , 1215, 105-15	3.7	41
66	Cannabinoid type 1 receptor blockade promotes mitochondrial biogenesis through endothelial nitric oxide synthase expression in white adipocytes. <i>Diabetes</i> , 2008 , 57, 2028-36	0.9	118
65	Serum leptin levels are higher in females affected by frontotemporal lobar degeneration than Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 712-5	5.5	9
64	Defective mitochondrial biogenesis: a hallmark of the high cardiovascular risk in the metabolic syndrome?. <i>Circulation Research</i> , 2007 , 100, 795-806	15.7	200
63	Leptin increases axonal growth cone size in developing mouse cortical neurons by convergent signals inactivating glycogen synthase kinase-3beta. <i>Journal of Biological Chemistry</i> , 2006 , 281, 12950-8	5.4	74
62	Nitric oxide and mitochondrial biogenesis. <i>Journal of Cell Science</i> , 2006 , 119, 2855-62	5.3	219
61	A critical reflection on the definition of metabolic syndrome. <i>Pharmacological Research</i> , 2006 , 53, 449-56	10.2	16
60	Special issue introduction: Drug discovery and pharmacotherapy of the metabolic syndrome. <i>Pharmacological Research</i> , 2006 , 53, 447-448	10.2	
59	The hydrolipidic ratio in age-related maturation of adipose tissues. <i>Biomedicine and Pharmacotherapy</i> , 2006 , 60, 139-43	7.5	9
58	White adipocytes are less prone to apoptotic stimuli than brown adipocytes in rodent. <i>Cell Death and Differentiation</i> , 2006 , 13, 2154-6	12.7	14
57	TNF-alpha downregulates eNOS expression and mitochondrial biogenesis in fat and muscle of obese rodents. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2791-8	15.9	125
56	Terapia farmacologica dell'obesità. <i>Endocrinologo</i> , 2005 , 6, 57-62	0	
55	Calorie restriction promotes mitochondrial biogenesis by inducing the expression of eNOS. <i>Science</i> , 2005 , 310, 314-7	33.3	901
54	Reply to comment by Mart?n-L?zaro and Becerra-Fern?ndez. <i>Pharmacological Research</i> , 2005 , 51, 387-389	0.2	2

53	Nitric Oxide and Cell Metabolism Dysfunction in the Metabolic Syndrome 2005 , 305-318		
52	Nitric oxide and mitochondrial biogenesis: a key to long-term regulation of cellular metabolism. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2005 , 142, 102-106	99	
51	Regional-dependent increase of sympathetic innervation in rat white adipose tissue during prolonged fasting. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 679-87	3.4	65
50	Mitochondrial biogenesis by NO yields functionally active mitochondria in mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16507-12	11.5	407
49	Reversible transdifferentiation of secretory epithelial cells into adipocytes in the mammary gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16801-6	11.5	120
48	Role of insulin and free fatty acids in the regulation of ob gene expression and plasma leptin in normal rats. <i>Obesity</i> , 2004 , 12, 2062-9		9
47	Can endogenous gaseous messengers control mitochondrial biogenesis in mammalian cells?. <i>Prostaglandins and Other Lipid Mediators</i> , 2004 , 73, 9-27	3.7	6
46	Mitochondrial biogenesis as a cellular signaling framework. <i>Biochemical Pharmacology</i> , 2004 , 67, 1-15	6	105
45	Emerging aspects of pharmacotherapy for obesity and metabolic syndrome. <i>Pharmacological Research</i> , 2004 , 50, 453-69	10.2	38
44	The bioequivalence and therapeutic efficacy. <i>Clinical Therapeutics</i> , 2004 , 26, 801-2	3.5	1
43	The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 423-31	15.9	838
42	A benefit-risk assessment of sibutramine in the management of obesity. <i>Drug Safety</i> , 2003 , 26, 1027-48	5.1	39
41	Mitochondrial biogenesis in mammals: the role of endogenous nitric oxide. <i>Science</i> , 2003 , 299, 896-9	33.3	989
40	Multiple symmetric lipomatosis may be the consequence of defective noradrenergic modulation of proliferation and differentiation of brown fat cells. <i>Journal of Pathology</i> , 2002 , 198, 378-87	9.4	60
39	Changes in FAT/CD36, UCP2, UCP3 and GLUT4 gene expression during lipid infusion in rat skeletal and heart muscle. <i>International Journal of Obesity</i> , 2002 , 26, 838-47	5.5	46
38	New pharmacological tools for obesity. <i>Journal of Endocrinological Investigation</i> , 2002 , 25, 905-14	5.2	2
37	Evidence for a functional nitric oxide synthase system in brown adipocyte nucleus. <i>FEBS Letters</i> , 2002 , 514, 135-40	3.8	84
36	Efficacy and tolerability of moclobemide in bulimia nervosa: a placebo-controlled trial. <i>International Clinical Psychopharmacology</i> , 2001 , 16, 27-32	2.2	16

35	Protective effects of noradrenaline against tumor necrosis factor-alpha-induced apoptosis in cultured rat brown adipocytes: role of nitric oxide-induced heat shock protein 70 expression. <i>International Journal of Obesity</i> , 2001 , 25, 1421-30	5.5	19
34	Preferential channeling of energy fuels toward fat rather than muscle during high free fatty acid availability in rats. <i>Diabetes</i> , 2001 , 50, 601-8	0.9	68
33	An assessment of the safety and efficacy of sibutramine, an anti-obesity drug with a novel mechanism of action. <i>Obesity Reviews</i> , 2000 , 1, 127-39	10.6	82
32	Tumor necrosis factor alpha mediates apoptosis of brown adipocytes and defective brown adipocyte function in obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 8033-8	11.5	96
31	Induction of fatty acid translocase/CD36, peroxisome proliferator-activated receptor-gamma2, leptin, uncoupling proteins 2 and 3, and tumor necrosis factor-alpha gene expression in human subcutaneous fat by lipid infusion. <i>Diabetes</i> , 2000 , 49, 319-24	0.9	88
30	Selective stimulation of somatostatin receptor subtypes: differential effects on Ras/MAP kinase pathway and cell proliferation in human neuroblastoma cells. <i>FEBS Letters</i> , 2000 , 481, 271-6	3.8	45
29	Expression and distribution of heme oxygenase-1 and -2 in rat brown adipose tissue: the modulatory role of the noradrenergic system. <i>FEBS Letters</i> , 2000 , 487, 171-5	3.8	18
28	Role of sympathetic activity in controlling the expression of vascular endothelial growth factor in brown fat cells of lean and genetically obese rats. <i>FEBS Letters</i> , 1999 , 442, 167-72	3.8	48
27	Effects of nitric oxide on proliferation and differentiation of rat brown adipocytes in primary cultures. <i>British Journal of Pharmacology</i> , 1998 , 125, 888-94	8.6	78
26	Hypocretins or hyporexins?. <i>Nature Medicine</i> , 1998 , 4, 645	50.5	2
25	SR59230A blocks beta3-adrenoceptor-linked modulation of upcoupling protein-1 and leptin in rat brown adipocytes. <i>European Journal of Pharmacology</i> , 1998 , 352, 125-9	5.3	17
24	Bcl-2 and Bax are involved in the sympathetic protection of brown adipocytes from obesity-linked apoptosis. <i>FEBS Letters</i> , 1998 , 431, 80-4	3.8	22
23	Nerve growth factor, beta3-adrenoceptor and uncoupling protein 1 expression in rat brown fat during postnatal development. <i>Neuroscience Letters</i> , 1998 , 246, 5-8	3.3	16
22	Inducible nitric oxide synthase in rat brown adipocytes: implications for blood flow to brown adipose tissue. <i>Endocrinology</i> , 1997 , 138, 676-82	4.8	72
21	Pharmacological properties of β -adrenoceptors. <i>Trends in Pharmacological Sciences</i> , 1997 , 18, 257-258	13.2	14
20	Tumor necrosis factor-alpha induces apoptosis in rat brown adipocytes. <i>Cell Death and Differentiation</i> , 1997 , 4, 771-8	12.7	40
19	Increase of aldosterone secretion following acute haloperidol administration: possible clinical implications. <i>International Clinical Psychopharmacology</i> , 1996 , 11, 67-70	2.2	1
18	Salbutamol antagonizes insulin- and sodium mercaptoacetate-induced but not 2-deoxy-D-glucose-induced hyperphagia. <i>Pharmacology Biochemistry and Behavior</i> , 1996 , 54, 409-13	3.9	5

17	Leptin and nerve growth factor regulate adipose tissue. <i>Nature Medicine</i> , 1996 , 2, 130	50.5	8
16	Rat frontal cortex beta 1-adrenoceptors are activated by the beta 3-adrenoceptor agonists SR 58611A and SR 58878A but not by BRL 37344 or ICI 215,001. <i>Journal of Neurochemistry</i> , 1995 , 65, 1580-7 ⁶		6
15	Adaptive events. <i>Nature</i> , 1995 , 374, 671	50.4	
14	Pharmacological antagonism of lipoprivic feeding induced by sodium mercaptoacetate. <i>European Journal of Pharmacology</i> , 1995 , 276, 285-9	5.3	8
13	SR 58611A: a novel thermogenic beta-adrenoceptor agonist. <i>European Journal of Pharmacology</i> , 1994 , 259, 181-6	5.3	8
12	Biochemical and functional identification of dopamine receptors in rat brown adipose tissue. <i>Pharmacological Research</i> , 1992 , 25 Suppl 1, 91-2	10.2	
11	Catecholamine and serotonin depletion from rat spinal cord: effects on morphine and footshock induced analgesia. <i>Pharmacological Research</i> , 1992 , 25, 187-94	10.2	8
10	Tolerance to hypoactivity and sensitization to hyperactivity after chronic treatment with a presynaptic dose of lisuride in rats. <i>European Journal of Pharmacology</i> , 1992 , 216, 81-6	5.3	1
9	Repeated administration of lisuride down-regulates dopamine D-2 receptor function in mesostriatal and in mesolimbocortical rat brain regions. <i>European Journal of Pharmacology</i> , 1990 , 176, 85-90	5.3	8
8	Differential effect of acute reserpine administration on D-1 and D-2 dopaminergic receptor density and function in rat striatum. <i>Neurochemistry International</i> , 1989 , 14, 61-4	4.4	9
7	Repeated reserpine administration up-regulates the transduction mechanisms of D1 receptors without changing the density of [3H]SCH 23390 binding. <i>Brain Research</i> , 1989 , 483, 117-22	3.7	58
6	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbocortical areas. I. Frontal cortex. <i>Neuroscience Letters</i> , 1988 , 87, 247-52	3.3	17
5	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbocortical areas. II. Dorsal hippocampus. <i>Neuroscience Letters</i> , 1988 , 87, 253-8	3.3	28
4	Repeated administration of (-)sulpiride and SCH 23390 differentially up-regulate D-1 and D-2 dopamine receptor function in rat mesostriatal areas but not in cortical-limbic brain regions. <i>European Journal of Pharmacology</i> , 1987 , 138, 45-51	5.3	33
3	Differential up-regulation of D-1 and D-2 dopamine receptor function in mesostriatal areas but not in cortical-limbic brain regions of rats chronically treated with (-)sulpiride and SCH 23390. <i>Drug Development Research</i> , 1987 , 11, 243-249	5.1	1
2	Inducible Nitric Oxide Synthase in Rat Brown Adipocytes: Implications for Blood Flow to Brown Adipose Tissue		17
1	Antibody responses to BNT162b2 mRNA vaccine: infection-naïve individuals with abdominal obesity warrant attention		1