

Antonietta Messina

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,865
citations

147801

31
h-index

197818

49
g-index

86
all docs

86
docs citations

86
times ranked

3670
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Modifies the Gut Microbiota with Positive Health Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	4.0	326
2	Heart rate variability as predictive factor for sudden cardiac death. <i>Aging</i> , 2018, 10, 166-177.	3.1	186
3	Orexin System: The Key for a Healthy Life. <i>Frontiers in Physiology</i> , 2017, 8, 357.	2.8	142
4	Functional Role of Dietary Intervention to Improve the Outcome of COVID-19: A Hypothesis of Work. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3104.	4.1	129
5	Neuroprotective Effects of Physical Activity: Evidence from Human and Animal Studies. <i>Frontiers in Neurology</i> , 2017, 8, 188.	2.4	93
6	Orexin-A controls sympathetic activity and eating behavior. <i>Frontiers in Psychology</i> , 2014, 5, 997.	2.1	74
7	Exercise Influence on Hippocampal Function: Possible Involvement of Orexin-A. <i>Frontiers in Physiology</i> , 2017, 8, 85.	2.8	73
8	Basal Forebrain Cholinergic System and Orexin Neurons: Effects on Attention. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 10.	2.0	70
9	Long Feeding High-Fat Diet Induces Hypothalamic Oxidative Stress and Inflammation, and Prolonged Hypothalamic AMPK Activation in Rat Animal Model. <i>Frontiers in Physiology</i> , 2018, 9, 818.	2.8	70
10	COVID-19: Role of Nutrition and Supplementation. <i>Nutrients</i> , 2021, 13, 976.	4.1	67
11	Exercise increases the level of plasma orexin A in humans. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2016, 27, 611-616.	1.3	62
12	Osteopontin: Relation between Adipose Tissue and Bone Homeostasis. <i>Stem Cells International</i> , 2017, 2017, 1-6.	2.5	55
13	Resting energy expenditure and fat-free mass do not decline during aging in severely obese women. <i>Clinical Nutrition</i> , 2008, 27, 657-659.	5.0	49
14	Obesity and brain illness: from cognitive and psychological evidences to obesity paradox. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2017, Volume 10, 473-479.	2.4	47
15	Enhanced parasympathetic activity of sportive women is paradoxically associated to enhanced resting energy expenditure. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 169, 102-106.	2.8	46
16	Anabolic androgenic steroids and carcinogenicity focusing on Leydig cell: a literature review. <i>Oncotarget</i> , 2018, 9, 19415-19426.	1.8	46
17	Heart rate variability is reduced in underweight and overweight healthy adult women. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 162-167.	1.2	43
18	Effect of restriction vegan diet's on muscle mass, oxidative status, and myocytes differentiation: A pilot study. <i>Journal of Cellular Physiology</i> , 2018, 233, 9345-9353.	4.1	42

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19	Laterality of a second player position affects lateral deviation of basketball shooting. Journal of Sports Sciences, 2014, 32, 46-52.	2.0	41
20	Sympathetic and hyperthermic reactions by orexin A: Role of cerebral catecholaminergic neurons. Regulatory Peptides, 2007, 139, 39-44.	1.9	40
21	Olanzapine blocks the sympathetic and hyperthermic reactions due to cerebral injection of orexin A. Peptides, 2008, 29, 120-126.	2.4	40
22	Age-related differences in distractor interference on line bisection. Experimental Brain Research, 2014, 232, 3659-3664.	1.5	40
23	Activity of autonomic nervous system is related to body weight in pre-menopausal, but not in post-menopausal women. Nutritional Neuroscience, 2006, 9, 141-145.	3.1	37
24	Fast and low-cost analysis of heart rate variability reveals vegetative alterations in noncomplicated diabetic patients. Journal of Diabetes and Its Complications, 2009, 23, 119-123.	2.3	37
25	Role of Autonomic Nervous System and Orexinergic System on Adipose Tissue. Frontiers in Physiology, 2017, 8, 137.	2.8	36
26	Quetiapine lowers sympathetic and hyperthermic reactions due to cerebral injection of orexin A. Neuropeptides, 2006, 40, 357-363.	2.2	35
27	Mastication overload causes an increase in O ₂ production into the subnucleus oralis of the spinal trigeminal nucleus. Neuroscience, 2010, 166, 416-421.	2.3	35
28	Hormonal Changes in Menopause and Orexin-A Action. Obstetrics and Gynecology International, 2013, 2013, 1-5.	1.3	34
29	Flanker interference effects in a line bisection task. Experimental Brain Research, 2014, 232, 1327-1334.	1.5	34
30	Differences in corticospinal system activity and reaction response between karate athletes and non-athletes. Neurological Sciences, 2016, 37, 1947-1953.	1.9	34
31	Primary Motor Cortex Excitability in Karate Athletes: A Transcranial Magnetic Stimulation Study. Frontiers in Physiology, 2017, 8, 695.	2.8	33
32	Adiponectin and Orexin-A as a Potential Immunity Link Between Adipose Tissue and Central Nervous System. Frontiers in Physiology, 2018, 9, 982.	2.8	33
33	Sympathetic, Metabolic Adaptations, and Oxidative Stress in Autism Spectrum Disorders: How Far From Physiology?. Frontiers in Physiology, 2018, 9, 261.	2.8	32
34	Healthy lifestyle promotion in primary schools through the board game Kaledo: a pilot cluster randomized trial. European Journal of Pediatrics, 2018, 177, 1371-1375.	2.7	31
35	The Social Brain and Emotional Contagion: COVID-19 Effects. Medicina (Lithuania), 2020, 56, 640.	2.0	31
36	Non-Rapid Eye Movement Sleep Parasomnias and Migraine: A Role of Orexinergic Projections. Frontiers in Neurology, 2018, 9, 95.	2.4	30

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37	Role of the Orexin System on the Hypothalamus-Pituitary-Thyroid Axis. <i>Frontiers in Neural Circuits</i> , 2016, 10, 66.	2.8	29
38	Functional Changes of Orexinergic Reaction to Psychoactive Substances. <i>Molecular Neurobiology</i> , 2018, 55, 6362-6368.	4.0	29
39	Quality of life in overweight (obese) and normal-weight women with polycystic ovary syndrome. <i>Patient Preference and Adherence</i> , 2017, Volume 11, 423-429.	1.8	28
40	Functional Assessment of Corticospinal System Excitability in Karate Athletes. <i>PLoS ONE</i> , 2016, 11, e0155998.	2.5	26
41	Relationship between blood lactate and cortical excitability between taekwondo athletes and non-athletes after hand-grip exercise. <i>Somatosensory & Motor Research</i> , 2016, 33, 137-144.	0.9	26
42	Role of Sex Hormones in the Control of Vegetative and Metabolic Functions of Middle-Aged Women. <i>Frontiers in Physiology</i> , 2017, 8, 773.	2.8	24
43	Milk from cows fed a diet with a high forage:concentrate ratio improves inflammatory state, oxidative stress, and mitochondrial function in rats. <i>Journal of Dairy Science</i> , 2018, 101, 1843-1851.	3.4	23
44	Cortical spreading depression produces a neuroprotective effect activating mitochondrial uncoupling protein-5. <i>Neuropsychiatric Disease and Treatment</i> , 2016, Volume 12, 1705-1710.	2.2	22
45	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.	2.8	22
46	Functional Changes Induced by Orexin A and Adiponectin on the Sympathetic/Parasympathetic Balance. <i>Frontiers in Physiology</i> , 2018, 9, 259.	2.8	21
47	The Metabolic Rearrangements of Bariatric Surgery: Focus on Orexin-A and the Adiponectin System. <i>Journal of Clinical Medicine</i> , 2020, 9, 3327.	2.4	19
48	Sports training and adaptive changes. <i>Sport Sciences for Health</i> , 2018, 14, 705-708.	1.3	18
49	Physiological Role of Orexinergic System for Health. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8353.	2.6	18
50	Brain functional integration: an epidemiologic study on stress-producing dissociative phenomena. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 14, 11-19.	2.2	17
51	Maternal Stress and Coping Strategies in Developmental Dyslexia: An Italian Multicenter Study. <i>Frontiers in Psychiatry</i> , 2017, 8, 295.	2.6	16
52	Neurodevelopmental Disorders: Effect of High-Fat Diet on Synaptic Plasticity and Mitochondrial Functions. <i>Brain Sciences</i> , 2020, 10, 805.	2.3	15
53	Parachute Jumping Induces More Sympathetic Activation Than Cortisol Secretion in First-Time Parachutists. <i>Asian Journal of Sports Medicine</i> , 2016, 7, e26841.	0.3	15
54	What Does Personality Mean in the Context of Mental Health? A Topic Modeling Approach Based on Abstracts Published in Pubmed Over the Last 5 Years. <i>Frontiers in Psychiatry</i> , 2019, 10, 938.	2.6	14

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55	Attentional bias in the radial and vertical dimensions of space. <i>Comptes Rendus - Biologies</i> , 2019, 342, 97-100.	0.2	13
56	Transcranial Magnetic Stimulation as a Tool to Investigate Motor Cortex Excitability in Sport. <i>Brain Sciences</i> , 2021, 11, 432.	2.3	13
57	Obese Subjects without Eating Disorders Experience Binge Episodes Also Independently of Emotional Eating and Personality Traits among University Students of Southern Italy. <i>Brain Sciences</i> , 2021, 11, 1145.	2.3	13
58	Role of Vitamin E and the Orexin System in Neuroprotection. <i>Brain Sciences</i> , 2021, 11, 1098.	2.3	13
59	Executive Functions in Overweight and Obese Treatment-Seeking Patients: Cross-Sectional Data and Longitudinal Perspectives. <i>Brain Sciences</i> , 2022, 12, 777.	2.3	13
60	Effects of low-carbohydrate diet therapy in overweight subject with autoimmune thyroiditis: possible synergism with ChREBP. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2939-2946.	4.3	12
61	The Use of Velocity Information in Movement Reproduction. <i>Frontiers in Psychology</i> , 2017, 8, 983.	2.1	12
62	Modafinil and orexin system interactions and medico-legal considerations. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 564-575.	3.0	12
63	Memory for Spatial Locations in a Patient with Near Space Neglect and Optic Ataxia: Involvement of the Occipitotemporal Stream. <i>Frontiers in Neurology</i> , 2017, 8, 231.	2.4	11
64	The Role of Very Low Calorie Ketogenic Diet in Sympathetic Activation through Cortisol Secretion in Male Obese Population. <i>Journal of Clinical Medicine</i> , 2021, 10, 4230.	2.4	11
65	Influence of Football on Physiological Cardiac Indexes in Professional and Young Athletes. <i>Frontiers in Physiology</i> , 2018, 9, 153.	2.8	10
66	Improvement of Bone Physiology and Life Quality Due to Association of Risedronate and Anastrozole. <i>Frontiers in Pharmacology</i> , 2017, 8, 632.	3.5	9
67	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.	0.7	9
68	Neuropeptidesâ€™ Hypothalamic Regulation of Sleep Control in Children Affected by Functional Non-Retentive Fecal Incontinence. <i>Brain Sciences</i> , 2020, 10, 129.	2.3	9
69	Hemispheric Asymmetries in Radial Line Bisection: Role of Retinotopic and Spatiotopic Factors. <i>Frontiers in Psychology</i> , 2018, 9, 2200.	2.1	8
70	Volatile organic compounds: instrumental and canine detections link an individual to the crime scene. <i>Egyptian Journal of Forensic Sciences</i> , 2019, 9, .	1.0	8
71	ICV injection of orexin A induces synthesis of total RNA and mRNA encoding preorexin in various cerebral regions of the rat. <i>Journal of Thermal Biology</i> , 2006, 31, 527-532.	2.5	6
72	Manual asymmetry for temporal and spatial parameters in sensorimotor synchronization. <i>Experimental Brain Research</i> , 2017, 235, 1511-1518.	1.5	6

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73	Inhibition of aldose-reductase-2 by a benzofuroxane derivative bf-5m increases the expression of <i>kcne1</i> , <i>kcng1</i> in high glucose cultured H9c2 cardiac cells and sudden cardiac death. <i>Oncotarget</i> , 2018, 9, 17257-17269.	1.8	6
74	Telmisartan cardioprotects from the ischaemic/hypoxic damage through a miRâ€146a-dependent pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6635-6645.	3.6	6
75	Heart Rate Variability and Sympathetic Activity Is Modulated by Very Low-Calorie Ketogenic Diet. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2253.	2.6	5
76	Autoalgometry: An Important Tool for Pressure Pain Threshold Evaluation. <i>Journal of Clinical Medicine</i> , 2018, 7, 273.	2.4	4
77	Stress Profile in Remotely Piloted Aircraft Crewmembers During 2 h Operating Mission. <i>Frontiers in Physiology</i> , 2018, 9, 461.	2.8	4
78	Very Low-Calorie Ketogenic Diet Modulates the Autonomic Nervous System Activity through Salivary Amylase in Obese Population Subjects. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8475.	2.6	3
79	Physical activity as protective factor against COVID-19 disease. , 0, , .		2
80	An Assessment of Body Composition and Lifestyle in Children Aged from 8 to 10 years. <i>Biology and Medicine (Aligarh)</i> , 2016, 08, .	0.3	2
81	Orexin system increases energy expenditure by brown adipose tissue activity. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> , 2017, , 1.	0.1	2
82	The Rorschach Test Evaluation in Chronic Childhood Migraine: A Preliminary Multicenter Caseâ€Control Study. <i>Frontiers in Neurology</i> , 2017, 8, 680.	2.4	1
83	Immune system and physical activity. , 0, , .		1
84	The Beneficial Effects of Physical Activity in Lung Cancer Prevention and/or Treatment. <i>Life</i> , 2022, 12, 782.	2.4	1
85	Functional evaluation of the diabetic athlete: Role of the sports doctor. , 0, , .		0