Antonio Colantuoni

List of Publications by Year
in descending order

94	2,121	270111 25	286692 43
papers	citations	h-index	g-index

94	94	94	3006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological Oscillations of Vascular Origin and Their Meaning: In Vivo Studies of Arteriolar Vasomotion. Understanding Complex Systems, 2021, , 273-280.	0.3	0
2	The Cholinergic and ACE-2-Dependent Anti-Inflammatory Systems in the Lung: New Scenarios Emerging From COVID-19. Frontiers in Physiology, 2021, 12, 653985.	1.3	5
3	Geometric Features of the Pial Arteriolar Networks in Spontaneous Hypertensive Rats: A Crucial Aspect Underlying the Blood Flow Regulation. Frontiers in Physiology, 2021, 12, 664683.	1.3	0
4	The Effects of Angiotensin II or Angiotensin 1-7 on Rat Pial Microcirculation during Hypoperfusion and Reperfusion Injury: Role of Redox Stress. Biomolecules, 2021, 11, 1861.	1.8	1
5	Effects of Catechin on cerebral arteriole vasomotion in spontaneously hypertensive rats. , 2020, , .		0
6	Impact of Genetic Variations and Epigenetic Mechanisms on the Risk of Obesity. International Journal of Molecular Sciences, 2020, 21, 9035.	1.8	20
7	Mitochondrial Dynamics and Microglia as New Targets in Metabolism Regulation. International Journal of Molecular Sciences, 2020, 21, 3450.	1.8	16
8	COVID-19 Sepsis and Microcirculation Dysfunction. Frontiers in Physiology, 2020, 11, 747.	1.3	79
9	The Pomace Extract Taurisolo Protects Rat Brain From Ischemia-Reperfusion Injury. Frontiers in Cellular Neuroscience, 2020, 14, 3.	1.8	23
10	Effects of Mandibular Extension on Pial Arteriolar Diameter Changes in Glucocorticoid-Induced Hypertensive Rats. Frontiers in Physiology, 2019, 10, 3.	1.3	1
11	Myricetin preserves rat pial microcirculation from injury induced by cerebral hypoperfusion and reperfusion. Vascular Diseases and Therapeutics, 2019, 4, .	0.1	0
12	Evidence in hypertensive rats of hypotensive effect after mandibular extension. Physiological Reports, 2018, 6, e13911.	0.7	3
13	Renin-Angiotensin System Responds to Prolonged Hypotensive Effect Induced by Mandibular Extension in Spontaneously Hypertensive Rats. Frontiers in Physiology, 2018, 9, 1613.	1.3	6
14	Rat Pial Microvascular Changes During Cerebral Blood Flow Decrease and Recovery: Effects of Cyanidin Administration. Frontiers in Physiology, 2018, 9, 540.	1.3	7
15	Arterial Network Geometric Characteristics and Regulation of Capillary Blood Flow in Hamster Skeletal Muscle Microcirculation. Frontiers in Physiology, 2018, 9, 1953.	1.3	4
16	Evidence in the human of a hypotensive and a bradycardic effect after mouth opening maintained for 10Âmin. European Journal of Applied Physiology, 2017, 117, 1485-1491.	1.2	7
17	Low-Frequency Components in Rat Pial Arteriolar Rhythmic Diameter Changes. Journal of Vascular Research, 2017, 54, 344-358.	0.6	7
18	Repeated Mandibular Extension in Rat: A Procedure to Modulate the Cerebral Arteriolar Tone. Frontiers in Physiology, 2017, 8, 625.	1.3	5

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19	Laser Speckle Imaging of Rat Pial Microvasculature during Hypoperfusion-Reperfusion Damage. Frontiers in Cellular Neuroscience, 2017, 11, 298.	1.8	5
20	Dietary protein intake in sarcopenic obese older women. Clinical Interventions in Aging, 2016, 11, 133.	1.3	63
21	Malvidinâ€™s Effects on Rat Pial Microvascular Permeability Changes Due to Hypoperfusion and Reperfusion Injury. Frontiers in Cellular Neuroscience, 2016, 10, 153.	1.8	12
22	Trigeminal Cardiac Reflex and Cerebral Blood Flow Regulation. Frontiers in Neuroscience, 2016, 10, 470.	1.4	15
23	The Effects of Vaccinium myrtillus Extract on Hamster Pial Microcirculation during Hypoperfusion-Reperfusion Injury. PLoS ONE, 2016, 11, e0150659.	1.1	7
24	Further evidence of a prolonged hypotensive and a bradycardic effect after mandibular extension in normal volunteers. Archives Italiennes De Biologie, 2016, 154, 143-150.	0.1	8
25	Lower weight loss expectations and healthier eating attitudes in older overweight and obese women attempting weight loss. Clinical Obesity, 2015, 5, 136-144.	1.1	10
26	Effects of Citrus Flavonoids Against Microvascular Damage Induced by Hypoperfusion and Reperfusion in Rat Pial Circulation. Microcirculation, 2015, 22, 378-390.	1.0	19
27	Effects of bone marrow mesenchymal stem cells (BM-MSCs) on rat pial microvascular remodeling after transient middle cerebral artery occlusion. Frontiers in Cellular Neuroscience, 2015, 9, 329.	1.8	5
28	NOX signaling in molecular cardiovascular mechanisms involved in the blood pressure homeostasis. Frontiers in Physiology, 2015, 6, 194.	1.3	68
29	Remodeling of Cerebral Microcirculation after Ischemia-Reperfusion. Journal of Vascular Research, 2015, 52, 22-31.	0.6	68
30	Effects of Oleuropein and Pinoresinol on Microvascular Damage Induced by Hypoperfusion and Reperfusion in Rat Pial Circulation. Microcirculation, 2015, 22, 79-90.	1.0	21
31	Trigeminocardiac Reflex by Mandibular Extension on Rat Pial Microcirculation: Role of Nitric Oxide. PLoS ONE, 2014, 9, e115767.	1.1	12
32	Changes in frequency components of blood flow oscillations in hyperglycemic obese people. , 2014, , .		2
33	Effects of mandibular extension on low-frequency components in rat pial arteriolar rhythmic diameter changes. , 2014, , .		0
34	Blood flow oscillatory patterns in single vessels of rat pial microcirculation evaluated by laser speckle imaging. , 2014, , .		0
35	Association of the body adiposity index (BAI) with metabolic risk factors in young and older overweight and obese women. Eating and Weight Disorders, 2014, 19, 397-402.	1.2	4
36	Microvascular blood flow regulation impairments in hypertensive obese people. , 2014, , .		4

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37	Weight loss expectations and body dissatisfaction in young women attempting to lose weight. Journal of Human Nutrition and Dietetics, 2014, 27, 84-89.	1.3	15
38	Effects of Wavelets Analysis on Power Spectral Distributions in Laser Doppler Flowmetry Time Series. IFMBE Proceedings, 2014, , 647-650.	0.2	5
39	Long-Term Remodeling of Rat Pial Microcirculation after Transient Middle Cerebral Artery Occlusion and Reperfusion. Journal of Vascular Research, 2013, 50, 332-345.	0.6	8
40	Pial microvascular responses induced by transient bilateral common carotid artery occlusion in Zucker rats. Clinical Hemorheology and Microcirculation, 2013, 54, 415-429.	0.9	6
41	Association of the body adiposity index with metabolic risk factors in young and older overweight and obese women. Proceedings of the Nutrition Society, 2013, 72, .	0.4	0
42	Weight loss expectations and body dissatisfaction in young and older obese women attempting to lose weight. Proceedings of the Nutrition Society, 2013, 72, .	0.4	0
43	Microvascular responses to aldosterone in hamster cheek pouch microcirculation. Clinical Hemorheology and Microcirculation, 2013, 53, 303-315.	0.9	3
44	Persistent effects after trigeminal nerve proprioceptive stimulation by mandibular extension on rat blood pressure, heart rate and pial microcirculation. Archives Italiennes De Biologie, 2013, 151, 11-23.	0.1	13
45	Effects of Intentional Weight Loss on Physical and Cognitive Function in Middle-Aged and Older Obese Participants: A Pilot Study. Journal of the American College of Nutrition, 2012, 31, 79-86.	1.1	40
46	Ageing, adiposity indexes and low muscle mass in a clinical sample of overweight and obese women. Obesity Research and Clinical Practice, 2012, 6, e63-e70.	0.8	17
47	Protective effects of quercetin on rat pial microvascular changes during transient bilateral common carotid artery occlusion and reperfusion. Frontiers in Physiology, 2012, 3, 32.	1.3	25
48	Rat Pial Microvascular Responses to Transient Bilateral Common Carotid Artery Occlusion and Reperfusion: Quercetinâ€™s Mechanism of Action. Frontiers in Physiology, 2012, 3, 99.	1.3	20
49	Prolonged hypotensive and bradycardic effects of passive mandibular extension: evidence in normal volunteers. Archives Italiennes De Biologie, 2012, 150, 231-7.	0.1	16
50	First-borns have a higher metabolic rate and carry a higher metabolic risk in young women attending a weight loss clinic. Eating and Weight Disorders, 2011, 16, e171-e176.	1.2	9
51	Intentional weight loss in overweight and obese individuals and cognitive function: a systematic review and metaâ€analysis. Obesity Reviews, 2011, 12, 968-983.	3.1	162
52	Rat pial microvascular responses to melatonin during bilateral common carotid artery occlusion and reperfusion. Journal of Pineal Research, 2011, 51, 136-144.	3.4	14
53	Effects of propionyl-L-carnitine on ischemiaâ€“reperfusion injury in hamster cheek pouch microcirculation. Frontiers in Physiology, 2010, 1, 132.	1.3	4
54	P.150 A RAT MODEL OF OXIDATIVE AND METABOLIC HEPATIC INJURY: THE POTENTIAL PROTECTIVE ROLE OF LACTOBACILLUS PARACASEI F19. Digestive and Liver Disease, 2010, 42, S156.	0.4	1

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55	Protective effects ofLactobacillus paracaseiF19 in a rat model of oxidative and metabolic hepatic injury. American Journal of Physiology - Renal Physiology, 2010, 299, G669-G676.	1.6	83
56	Assessment of eating behaviour in young women requesting nutritional counselling and their mothers. Eating and Weight Disorders, 2010, 15, e60-e67.	1.2	5
57	Aggregate predictions improve accuracy when calculating metabolic variables used to guide treatment. American Journal of Clinical Nutrition, 2009, 89, 491-499.	2.2	34
58	Validity of some prediction equations to assess resting energy expenditure (REE) in 29 elderly obese subjects (>60 years). Eating and Weight Disorders, 2008, 13, e14-e19.	1.2	4
59	Pial Microvascular Responses to Transient Bilateral Common Carotid Artery Occlusion: Effects of Hypertonic Glycerol. Journal of Vascular Research, 2008, 45, 89-102.	0.6	13
60	Geometric Characteristics of Arterial Network of Rat Pial Microcirculation. Journal of Vascular Research, 2008, 45, 69-77.	0.6	47
61	Bioelectrical impedance analysis and age-related differences of body composition in the elderly. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 175-180.	1.1	29
62	Pial arteriolar vasomotion changes during cortical activation in rats. NeuroImage, 2007, 38, 25-33.	2.1	17
63	Effects of tetraiodothyronine and triiodothyronine on hamster cheek pouch microcirculation. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H1931-H1936.	1.5	27
64	Protective Effects of Insulin during Ischemia-Reperfusion Injury in Hamster Cheek Pouch Microcirculation. Journal of Vascular Research, 2005, 42, 55-66.	0.6	19
65	Is the Vascular System a Main Target for Thyroid Hormones? From Molecular and Biochemical Findings to Clinical Perspectives. Current Vascular Pharmacology, 2005, 3, 133-145.	0.8	8
66	Retinal photoreceptors of Syrian hamsters undergo oxidative stress during streptozotocin-induced diabetes. Diabetologia, 2002, 45, 121-124.	2.9	13
67	Phentolamine suppresses the increase in arteriolar vasomotion frequency due to systemic hypoxia in hamster skeletal muscle microcirculation. Autonomic Neuroscience: Basic and Clinical, 2001, 90, 148-151.	1.4	10
68	Protective effects of leukopenia and tissue plasminogen activator in microvascular ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H755-H761.	1.5	23
69	Regulation of Vascular Tone and Capillary Perfusion. , 2000, , 439-454.		1
70	Time-variant spectral analysis of LDF signals on the basis of multivariate autoregressive modelling*. Technology and Health Care, 1999, 7, 103-112.	0.5	6
71	Different flowmotion patterns in healthy controls and patients with Raynaudâ€™s phenomenon. Technology and Health Care, 1999, 7, 113-123.	0.5	11
72	Red Blood Cell Velocity and Volumetric Flow Assessment by Enhanced High-Resolution Laser Doppler Imaging in Separate Vessels of the Hamster Cheek Pouch Microcirculation. Microvascular Research, 1999, 58, 62-73.	1.1	22

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73	Capillary Density and Leukocyte Adhesion in Hamsters with Hereditary Cardiomyopathy. Microvascular Research, 1998, 56, 85-94.	1.1	3
74	Evaluation of Enhanced High-Resolution Laser Doppler Imaging in anin VitroTube Model with the Aim of Assessing Blood Flow in Separate Microvessels. Microvascular Research, 1998, 56, 261-270.	1.1	28
75	Vasomotion and Blood Flow Regulation in Hamster Skeletal Muscle Microcirculation: A Theoretical and Experimental Study. Microvascular Research, 1998, 56, 233-252.	1.1	44
76	Insulin-Induced Arteriolar Dilation after Tyrosine Kinase and Nitric Oxide Synthase Inhibition in Hamster Cheek Pouch Microcirculation. Journal of Vascular Research, 1998, 35, 250-256.	0.6	11
77	Venular Oscillatory Flow during Hemorrhagic Shock and NO Inhibition in Hamster Cheek Pouch Microcirculation. Microvascular Research, 1997, 54, 233-242.	1.1	9
78	Correlation between Laser Doppler Perfusion Monitoring and Hematocrit in Hamster Cheek Pouch Microcirculation. International Journal of Microcirculation, Clinical and Experimental, 1997, 17, 33-40.	0.6	14
79	Theoretical Analysis of Complex Oscillations in Multibranched Microvascular Networks. Microvascular Research, 1996, 51, 229-249.	1.1	41
80	Dynamic Coherence Analysis of Vasomotion and Flow Motion in Skeletal Muscle Microcirculation. Microvascular Research, 1996, 52, 235-244.	1.1	33
81	Melatonin prevents ischemia reperfusion injury in hamster cheek pouch microcirculation. Cardiovascular Research, 1996, 31, 947-952.	1.8	69
82	Capillary Reperfusion after L-Arginine, L-NMMA, and L-NNA Treatment in Cheek Pouch Microvasculature. Microvascular Research, 1995, 50, 162-174.	1.1	32
83	Effect of vaccinium myrtillus anthocyanosides on ischaemia reperfusion injury in hamster cheek pouch microcirculation. Pharmacological Research, 1995, 31, 183-187.	3.1	33
84	Effects of L-NMMA and Indomethacin on Arteriolar Vasomotion in Skeletal Muscle Microcirculation of Conscious and Anesthetized Hamsters. Microvascular Research, 1994, 48, 68-84.	1.1	63
85	Microvascular Vasomotion: Origin of Laser Doppler Flux Motion. International Journal of Microcirculation, Clinical and Experimental, 1994, 14, 151-158.	0.6	74
86	Hypoxia- or hyperoxia-induced changes in arteriolar vasomotion in skeletal muscle microcirculation. American Journal of Physiology - Heart and Circulatory Physiology, 1991, 260, H362-H372.	1.5	63
87	Superposition of Arteriolar Vasomotion Waves and Regulation of Blood Flow in Skeletal Muscle Microcirculation. Advances in Experimental Medicine and Biology, 1990, 277, 549-558.	0.8	20
88	Functional microangiopathy in alloxan-treated Syrian hamsters. International Journal of Microcirculation, Clinical and Experimental, 1988, 7, 105-22.	0.6	0
89	INCREASED PERMEABILITY OF HAMSTER MICROCIRCULATION TO GLYCOSYLATED ALBUMIN. Lancet, The, 1987, 330, 994-996.	6.3	15
90	Variations of rhythmic diameter changes at the arterial microvascular bifurcations. Pflugers Archiv European Journal of Physiology, 1985, 403, 289-295.	1.3	40

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91	Microvessel diameter changes during hemorrhagic shock in unanesthetized hamsters. Microvascular Research, 1985, 30, 133-142.	1.1	42
92	Quantitation of rhythmic diameter changes in arterial microcirculation. American Journal of Physiology - Heart and Circulatory Physiology, 1984, 246, H508-H517.	1.5	142
93	The effects of Î±- or Î²-adrenergic receptor agonists and antagonists and calcium entry blockers on the spontaneous vasomotion. Microvascular Research, 1984, 28, 143-158.	1.1	62
94	Effects of anesthesia on the spontaneous activity of the microvasculature. International Journal of Microcirculation, Clinical and Experimental, 1984, 3, 13-28.	0.6	46