

# Nicola Montano

## List of Publications by Year in descending order

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326  
papers

12,569  
citations

29994

54  
h-index

32761

100  
g-index

331  
all docs

331  
docs citations

331  
times ranked

12776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between Spectral Components of Cardiovascular Variabilities and Direct Measures of Muscle Sympathetic Nerve Activity in Humans. <i>Circulation</i> , 1997, 95, 1441-1448.	1.6	716
2	Altered Cardiovascular Variability in Obstructive Sleep Apnea. <i>Circulation</i> , 1998, 98, 1071-1077.	1.6	514
3	Selective Potentiation of Peripheral Chemoreflex Sensitivity in Obstructive Sleep Apnea. <i>Circulation</i> , 1999, 99, 1183-1189.	1.6	468
4	Sleep, sleep deprivation, autonomic nervous system and cardiovascular diseases. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 321-329.	2.9	406
5	Heart rate variability explored in the frequency domain: A tool to investigate the link between heart and behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 71-80.	2.9	366
6	Entropy, entropy rate, and pattern classification as tools to typify complexity in short heart period variability series. <i>IEEE Transactions on Biomedical Engineering</i> , 2001, 48, 1282-1291.	2.5	363
7	Contribution of Tonic Chemoreflex Activation to Sympathetic Activity and Blood Pressure in Patients With Obstructive Sleep Apnea. <i>Circulation</i> , 1998, 97, 943-945.	1.6	361
8	Absence of Low-Frequency Variability of Sympathetic Nerve Activity in Severe Heart Failure. <i>Circulation</i> , 1997, 95, 1449-1454.	1.6	308
9	Symbolic Dynamics of Heart Rate Variability. <i>Circulation</i> , 2005, 112, 465-470.	1.6	258
10	Heart rate variability in normal and pathological sleep. <i>Frontiers in Physiology</i> , 2013, 4, 294.	1.3	245
11	Deep bradycardia and heart block caused by inducible cardiac-specific knockout of the pacemaker channel gene <i>Hcn4</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1705-1710.	3.3	240
12	Assessment of cardiac autonomic modulation during graded head-up tilt by symbolic analysis of heart rate variability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H702-H708.	1.5	229
13	Short- and Long-Term Prognosis of Syncope, Risk Factors, and Role of Hospital Admission. <i>Journal of the American College of Cardiology</i> , 2008, 51, 276-283.	1.2	229
14	Short sleep duration and cardiometabolic risk: from pathophysiology to clinical evidence. <i>Nature Reviews Cardiology</i> , 2019, 16, 213-224.	6.1	211
15	Progressive decrease of heart period variability entropy-based complexity during graded head-up tilt. <i>Journal of Applied Physiology</i> , 2007, 103, 1143-1149.	1.2	192
16	Evidence for a Central Origin of the Low-Frequency Oscillation in RR-Interval Variability. <i>Circulation</i> , 1998, 98, 556-561.	1.6	145
17	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568051.	1.0	143
18	Central Vagotonic Effects of Atropine Modulate Spectral Oscillations of Sympathetic Nerve Activity. <i>Circulation</i> , 1998, 98, 1394-1399.	1.6	138

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19	Advances in diagnosis and treatment of trigeminal neuralgia. Therapeutics and Clinical Risk Management, 2015, 11, 289.	0.9	136
20	Complexity and Nonlinearity in Short-Term Heart Period Variability: Comparison of Methods Based on Local Nonlinear Prediction. IEEE Transactions on Biomedical Engineering, 2007, 54, 94-106.	2.5	134
21	Yoga and chemoreflex response to hypoxia and hypercapnia. Lancet, The, 2000, 356, 1495-1496.	6.3	132
22	Emerging Excitatory Role of Cardiovascular Sympathetic Afferents in Pathophysiological Conditions. Hypertension, 2002, 39, 63-68.	1.3	129
23	Fixed and Autoadjusting Continuous Positive Airway Pressure Treatments Are Not Similar in Reducing Cardiovascular Risk Factors in Patients With Obstructive Sleep Apnea. Chest, 2007, 131, 1393-1399.	0.4	120
24	Expression of EGFRvIII in Glioblastoma: Prognostic Significance Revisited. Neoplasia, 2011, 13, 1113-IN6.	2.3	115
25	Sudden unexpected death in epilepsy (SUDEP) and sleep. Sleep Medicine Reviews, 2011, 15, 237-246.	3.8	114
26	Causal relationships between heart period and systolic arterial pressure during graded head-up tilt. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R378-R386.	0.9	103
27	Instant Power Spectrum Analysis of Heart Rate Variability During Orthostatic Tilt Using a Time-/Frequency-Domain Method. Circulation, 1997, 96, 3521-3526.	1.6	102
28	Presence of vasomotor and respiratory rhythms in the discharge of single medullary neurons involved in the regulation of cardiovascular system. Journal of the Autonomic Nervous System, 1996, 57, 116-122.	1.9	101
29	Model-based assessment of baroreflex and cardiopulmonary couplings during graded head-up tilt. Computers in Biology and Medicine, 2012, 42, 298-305.	3.9	97
30	Lung ultrasonography for the assessment of rapid extravascular water variation: evidence from hemodialysis patients. Internal and Emergency Medicine, 2013, 8, 409-415.	1.0	97
31	Syncope clinical management in the emergency department: a consensus from the first international workshop on syncope risk stratification in the emergency department. European Heart Journal, 2016, 37, 1493-1498.	1.0	96
32	One night on-call: Sleep deprivation affects cardiac autonomic control and inflammation in physicians. European Journal of Internal Medicine, 2013, 24, 664-670.	1.0	94
33	Sympathovagal Effects of Spinal Anesthesia Assessed by Heart Rate Variability Analysis. Anesthesia and Analgesia, 1995, 80, 315-321.	1.1	91
34	Yoga respiratory training improves respiratory function and cardiac sympathovagal balance in elderly subjects: a randomised controlled trial. BMJ Open, 2011, 1, e000085-e000085.	0.8	90
35	Anakinra combined with methylprednisolone in patients with severe COVID-19 pneumonia and hyperinflammation: An observational cohort study. Journal of Allergy and Clinical Immunology, 2021, 147, 561-566.e4.	1.5	90
36	Sympathetic Neural Outflow and Chemoreflex Sensitivity Are Related to Spontaneous Breathing Rate in Normal Men. Hypertension, 2006, 47, 51-55.	1.3	89

#	ARTICLE	IF	CITATIONS
37	Spectral analysis of sympathetic discharge, R-R interval and systolic arterial pressure in decerebrate cats. <i>Journal of the Autonomic Nervous System</i> , 1992, 40, 21-31.	1.9	85
38	Plasma Leptin Concentrations and Cardiac Autonomic Nervous System in Healthy Subjects with Different Body Weights. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1810-1814.	1.8	81
39	Expression of the stem cell marker CD133 in recurrent glioblastoma and its value for prognosis. <i>Cancer</i> , 2011, 117, 162-174.	2.0	80
40	Priorities for Emergency Department Syncope Research. <i>Annals of Emergency Medicine</i> , 2014, 64, 649-655.e2.	0.3	79
41	Individual Recognition by Heart Rate Variability of Two Different Autonomic Profiles Related to Posture. <i>Circulation</i> , 1997, 96, 4143-4145.	1.6	74
42	Lung ultrasound and short-term prognosis in heart failure patients. <i>International Journal of Cardiology</i> , 2016, 218, 104-108.	0.8	73
43	Towards human exploration of space: The THESEUS review series on immunology research priorities. <i>Npj Microgravity</i> , 2016, 2, 16040.	1.9	72
44	RT variability unrelated to heart period and respiration progressively increases during graded head-up tilt. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H1406-H1414.	1.5	71
45	Hyperventilation alters arterial baroreflex control of heart rate and muscle sympathetic nerve activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H536-H541.	1.5	69
46	Short-term complexity indexes of heart period and systolic arterial pressure variabilities provide complementary information. <i>Journal of Applied Physiology</i> , 2012, 113, 1810-1820.	1.2	68
47	Syncope recurrence and mortality: a systematic review. <i>Europace</i> , 2015, 17, 300-308.	0.7	65
48	Multiple testing strategy for the detection of temporal irreversibility in stationary time series. <i>Physical Review E</i> , 2008, 77, 066204.	0.8	64
49	Standard and pocket-size lung ultrasound devices can detect interstitial lung disease in rheumatoid arthritis patients. <i>Rheumatology</i> , 2014, 53, 1497-1503.	0.9	64
50	Sympathovagal Balance: A Reappraisal. <i>Circulation</i> , 1998, 98, .	1.6	63
51	Olfactory Groove Meningioma: Report of 99 Cases Surgically Treated at the Catholic University School of Medicine, Rome. <i>World Neurosurgery</i> , 2015, 83, 219-231.e3.	0.7	60
52	Relationship Between Repeated Measures of Hemodynamics, Muscle Sympathetic Nerve Activity, and Their Spectral Oscillations. <i>Circulation</i> , 1997, 96, 4326-4332.	1.6	59
53	Aging reduces complexity of heart rate variability assessed by conditional entropy and symbolic analysis. <i>Internal and Emergency Medicine</i> , 2012, 7, 229-235.	1.0	57
54	Short-Term Complexity of Cardiac Autonomic Control during Sleep: REM as a Potential Risk Factor for Cardiovascular System in Aging. <i>PLoS ONE</i> , 2011, 6, e19002.	1.1	56

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55	Frequency-dependent baroreflex modulation of blood pressure and heart rate variability in conscious mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1968-H1975.	1.5	55
56	What is the best treatment of drug-resistant trigeminal neuralgia in patients affected by multiple sclerosis? A literature analysis of surgical procedures. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 567-572.	0.6	55
57	Post-exercise resistance exercise hemodynamic and autonomic responses: Comparison between normotensive and hypertensive men. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 486-494.	1.3	53
58	Importance of ventilation in modulating interaction between sympathetic drive and cardiovascular variability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H722-H729.	1.5	51
59	Communicating hydrocephalus following surgery and adjuvant radiochemotherapy for glioblastoma. <i>Journal of Neurosurgery</i> , 2011, 115, 1126-1130.	0.9	50
60	Prevalence of Pulmonary Embolism in Patients With Syncope. <i>JAMA Internal Medicine</i> , 2018, 178, 356.	2.6	50
61	Tumors of the peripheral nervous system: analysis of prognostic factors in a series with long-term follow-up and review of the literature. <i>Journal of Neurosurgery</i> , 2016, 125, 363-371.	0.9	49
62	Cardiac and peripheral adjustments induced by early exercise training intervention were associated with autonomic improvement in infarcted rats: role in functional capacity and mortality. <i>European Heart Journal</i> , 2011, 32, 904-912.	1.0	47
63	Comparison of Anterior Cervical Decompression and Fusion versus Laminoplasty in the Treatment of Multilevel Cervical Spondylotic Myelopathy: A Meta-Analysis of Clinical and Radiological Outcomes. <i>World Neurosurgery</i> , 2019, 130, 530-536.e2.	0.7	46
64	Contrasting effects of phentolamine and nitroprusside on neural and cardiovascular variability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H559-H565.	1.5	44
65	Percutaneous balloon compression for the treatment of trigeminal neuralgia in patients with multiple sclerosis. Analysis of the potentially prognostic factors. <i>Acta Neurochirurgica</i> , 2012, 154, 779-783.	0.9	44
66	Oropharyngeal Dysphagia in Patients with Obstructive Sleep Apnea Syndrome. <i>Dysphagia</i> , 2014, 29, 44-51.	1.0	42
67	The contagion of social defeat stress: Insights from rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 12-18.	2.9	42
68	Tumorigenic Potential of Olfactory Bulb-Derived Human Adult Neural Stem Cells Associates with Activation of TERT and NOTCH1. <i>PLoS ONE</i> , 2009, 4, e4434.	1.1	41
69	Frequency domain assessment of the coupling strength between ventricular repolarization duration and heart period during graded head-up tilt. <i>Journal of Electrocardiology</i> , 2011, 44, 662-668.	0.4	41
70	Comparison between deep brain stimulation and magnetic resonance-guided focused ultrasound in the treatment of essential tremor: a systematic review and pooled analysis of functional outcomes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1270-1278.	0.9	41
71	Respiratory-related heart rate variability in progressive experimental heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1729-H1735.	1.5	40
72	The diagnostic yield of implantable loop recorders in unexplained syncope: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2017, 231, 170-176.	0.8	40

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73	Telomerase inhibition by stable RNA interference impairs tumor growth and angiogenesis in glioblastoma xenografts. <i>International Journal of Cancer</i> , 2006, 118, 2158-2167.	2.3	39
74	Influence of local environment on the differentiation of neural stem cells engrafted onto the injured spinal cord. <i>Neurological Research</i> , 2006, 28, 488-492.	0.6	39
75	Inflammation and Oxidative Stress in Obstructive Sleep Apnea Syndrome. <i>Experimental Biology and Medicine</i> , 2007, 232, 1409-1413.	1.1	39
76	Symbolic analysis detects alterations of cardiac autonomic modulation in congestive heart failure rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 150, 21-26.	1.4	39
77	Effects of Spinal Section and of Positive-Feedback Excitatory Reflex on Sympathetic and Heart Rate Variability. <i>Hypertension</i> , 2000, 36, 1029-1034.	1.3	38
78	Guidance for diagnosis and treatment of acute angioedema in the emergency department: consensus statement by a panel of Italian experts. <i>Internal and Emergency Medicine</i> , 2014, 9, 85-92.	1.0	38
79	Acute particulate matter affects cardiovascular autonomic modulation and IFN- $\beta$ methylation in healthy volunteers. <i>Environmental Research</i> , 2018, 161, 97-103.	3.7	38
80	Acute $\beta$ -Blockade Increases Muscle Sympathetic Activity and Modifies Its Frequency Distribution. <i>Circulation</i> , 2004, 110, 2786-2791.	1.6	37
81	Social stress contagion in rats: Behavioural, autonomic and neuroendocrine correlates. <i>Psychoneuroendocrinology</i> , 2017, 82, 155-163.	1.3	37
82	Vagal Withdrawal and Susceptibility to Cardiac Arrhythmias in Rats with High Trait Aggressiveness. <i>PLoS ONE</i> , 2013, 8, e68316.	1.1	37
83	Acute effects of autoadjusting and fixed continuous positive airway pressure treatments on cardiorespiratory coupling in obese patients with obstructive sleep apnea. <i>European Journal of Internal Medicine</i> , 2014, 25, 164-168.	1.0	35
84	Effects of acute and chronic sleep deprivation on cardiovascular regulation. <i>Archives Italiennes De Biologie</i> , 2015, 152, 103-10.	0.1	35
85	Embolization of Hemangioblastomas. <i>Journal of Neurosurgery</i> , 2008, 108, 1063-1064.	0.9	34
86	Prognostic Relevance of c-Myc and BMI1 Expression in Patients With Glioblastoma. <i>American Journal of Clinical Pathology</i> , 2012, 138, 390-396.	0.4	34
87	The role of laminoplasty in preventing spinal deformity in adult patients submitted to resection of an intradural spinal tumor. Case series and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 69-74.	0.6	34
88	Sympathetic Rhythmicity in Cardiac Transplant Recipients. <i>Circulation</i> , 1999, 99, 1606-1610.	1.6	33
89	When should we change our clinical practice based on the results of a clinical study? Searching for evidence: PICOS and PubMed. <i>Internal and Emergency Medicine</i> , 2015, 10, 525-527.	1.0	33
90	Modulation of sympathetic activity and heart rate variability by ivabradine. <i>Cardiovascular Research</i> , 2015, 108, 31-38.	1.8	32

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91	The Interplay between Autonomic Nervous System and Inflammation across Systemic Autoimmune Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2449.	1.8	32
92	Sympathetic rhythms and cardiovascular oscillations. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001, 90, 29-34.	1.4	31
93	On arousal from sleep: time-frequency analysis. <i>Medical and Biological Engineering and Computing</i> , 2008, 46, 341-351.	1.6	31
94	Sudarshan Kriya Yoga improves cardiac autonomic control in patients with anxiety-depression disorders. <i>Journal of Affective Disorders</i> , 2017, 214, 74-80.	2.0	31
95	Risk of Obstructive Sleep Apnea with Daytime Sleepiness Is Associated with Liver Damage in Non-Morbidly Obese Patients with Nonalcoholic Fatty Liver Disease. <i>PLoS ONE</i> , 2014, 9, e96349.	1.1	31
96	Differential Characteristics of Neural Circulatory Control. <i>Circulation</i> , 2001, 104, 1809-1813.	1.6	30
97	Evidence for Central Organization of Cardiovascular Rhythms. <i>Annals of the New York Academy of Sciences</i> , 2001, 940, 299-306.	1.8	30
98	Linear and nonlinear analysis of heart rate variability in coronary disease. <i>Clinical Autonomic Research</i> , 2012, 22, 175-183.	1.4	30
99	The role of percutaneous balloon compression in the treatment of trigeminal neuralgia recurring after other surgical procedures. <i>Acta Neurologica Belgica</i> , 2014, 114, 59-64.	0.5	30
100	Heart rate variability is encoded in the spontaneous discharge of thalamic somatosensory neurones in cat. <i>Journal of Physiology</i> , 2000, 526, 387-396.	1.3	28
101	Effects of progressive exercise during phase I cardiac rehabilitation on the heart rate variability of patients with acute myocardial infarction. <i>Disability and Rehabilitation</i> , 2011, 33, 835-842.	0.9	28
102	Sympathetic and angiotensinergic responses mediated by paradoxical sleep loss in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 146-152.	1.0	28
103	Cardiac and Peripheral Autonomic Responses to Orthostatic Stress During Transcutaneous Vagus Nerve Stimulation in Healthy Subjects. <i>Journal of Clinical Medicine</i> , 2019, 8, 496.	1.0	28
104	Plasma Leptin Concentrations and Cardiac Autonomic Nervous System in Healthy Subjects with Different Body Weights. , 0, .		28
105	Sympathetic overactivity in ischaemic heart disease. <i>Clinical Science</i> , 2004, 106, 567-568.	1.8	27
106	Targeted therapy with bevacizumab and erlotinib tailored to the molecular profile of patients with recurrent glioblastoma. Preliminary experience. <i>Acta Neurochirurgica</i> , 2013, 155, 33-40.	0.9	27
107	Analysis of sympathetic neural discharge in rats and humans. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 1265-1282.	1.6	25
108	The Role of Interferons in the Pathogenesis of Sjögren's Syndrome and Future Therapeutic Perspectives. <i>Biomolecules</i> , 2021, 11, 251.	1.8	25

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109	Heart rate variability as a clinical tool. Italian Heart Journal: Official Journal of the Italian Federation of Cardiology, 2002, 3, 439-45.	0.1	25
110	Adenosine activates cardiac sympathetic afferent fibers and potentiates the excitation induced by coronary occlusion. Journal of the Autonomic Nervous System, 1995, 53, 175-184.	1.9	24
111	Eligibility criteria in heart failure randomized controlled trials: a gap between evidence and clinical practice. Internal and Emergency Medicine, 2009, 4, 117-122.	1.0	24
112	Interobserver agreement in the interpretation of computed tomography in acute pulmonary embolism. American Journal of Emergency Medicine, 2009, 27, 1109-1111.	0.7	24
113	Binary symbolic dynamics classifies heart rate variability patterns linked to autonomic modulations. Computers in Biology and Medicine, 2012, 42, 313-318.	3.9	24
114	Autonomic nervous system modulation affects the inflammatory immune response in mice with acute Chagas disease. Experimental Physiology, 2012, 97, 1186-1202.	0.9	24
115	Influence of type 2 diabetes on symbolic analysis and complexity of heart rate variability in men. Diabetology and Metabolic Syndrome, 2014, 6, 13.	1.2	24
116	Implantable loop recorder versus conventional diagnostic workup for unexplained recurrent syncope. The Cochrane Library, 2016, 2016, CD011637.	1.5	24
117	De novo malignant craniopharyngioma: case report and literature review. Journal of Neuro-Oncology, 2011, 103, 381-386.	1.4	23
118	Treatment of acquired angioedema with icatibant: a case report. Internal and Emergency Medicine, 2011, 6, 279-280.	1.0	23
119	Anterior cervical discectomy and interbody fusion with porous tantalum implant. Results in a series with long-term follow-up. Journal of Clinical Neuroscience, 2016, 33, 159-162.	0.8	23
120	The Italian Society of Internal Medicine choosing wisely campaign. Internal and Emergency Medicine, 2016, 11, 1125-1130.	1.0	23
121	Contribution of Autonomic Reflexes to the Hyperadrenergic State in Heart Failure. Frontiers in Neuroscience, 2017, 11, 162.	1.4	23
122	Effects of transcutaneous auricular vagus nerve stimulation on cardiovascular autonomic control in health and disease. Autonomic Neuroscience: Basic and Clinical, 2021, 236, 102893.	1.4	23
123	Spectral analysis of sympathetic discharge in decerebrate cats. Journal of the Autonomic Nervous System, 1990, 30, S97-S99.	1.9	22
124	Opposite effects of iv amiodarone on cardiovascular vagal and sympathetic efferent activities in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R543-R548.	0.9	22
125	Craniotomy repair with the retrosigmoid approach: the impact on quality of life of meticulous reconstruction of anatomical layers. Acta Neurochirurgica, 2011, 153, 2255-2258.	0.9	22
126	Glutamate and GABA in the medial amygdala induce selective central sympathetic/parasympathetic cardiovascular responses. Canadian Journal of Physiology and Pharmacology, 2012, 90, 525-536.	0.7	22



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127	Cardiac autonomic modulation at rest and during orthostatic stress among different systemic sclerosis subsets. <i>European Journal of Internal Medicine</i> , 2019, 66, 75-80.	1.0	21
128	Out-of-hospital cardiac arrests in a large metropolitan area: synergistic effect of exposure to air particulates and high temperature. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 513-519.	0.8	21
129	Comparison of Reported Deaths From COVID-19 and Increase in Total Mortality in Italy. <i>JAMA Internal Medicine</i> , 2020, 180, 1250.	2.6	21
130	Depression and cardiovascular autonomic control: a matter of vagus and sex paradox. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 154-161.	2.9	21
131	Antihypertensive Action of Amiodarone in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2001, 38, 597-601.	1.3	20
132	Intravenous amiodarone modifies autonomic balance and increases baroreflex sensitivity in conscious rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 95, 88-96.	1.4	20
133	Symbolic transformations of heart rate variability preserve information about cardiac autonomic control. <i>Physiological Measurement</i> , 2015, 36, 643-657.	1.2	20
134	Possible Prognostic Role of Magnetic Resonance Imaging Findings in Patients with Trigeminal Neuralgia and Multiple Sclerosis Who Underwent Percutaneous Balloon Compression: Report of Our Series and Literature Review. <i>World Neurosurgery</i> , 2019, 125, e575-e581.	0.7	20
135	Obesity and sleep disturbances: The "chicken or the egg" question. <i>European Journal of Internal Medicine</i> , 2021, 92, 11-16.	1.0	20
136	Motoneurons innervating facial muscles after hypoglossal and hemihypoglossal-facial nerve anastomosis in rats. <i>Neurological Research</i> , 2004, 26, 395-400.	0.6	19
137	Telomerase inhibition impairs tumor growth in glioblastoma xenografts. <i>Neurological Research</i> , 2006, 28, 532-537.	0.6	19
138	Cardiac autonomic control in Brugada syndrome patients during sleep: The effects of sleep disordered breathing. <i>International Journal of Cardiology</i> , 2013, 168, 3267-3272.	0.8	19
139	Results of TachoSil® associated with fibrin glue as dural sealant in a series of patients with spinal intradural tumors surgery. Technical note with a review of the literature. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 88-92.	0.8	19
140	Targeting the Autonomic Nervous System for Risk Stratification, Outcome Prediction and Neuromodulation in Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2357.	1.8	19
141	Ischemic stroke in a man with naphazoline abuse history. <i>American Journal of Emergency Medicine</i> , 2007, 25, 983.e1-983.e2.	0.7	18
142	Autonomic cardiovascular modulation. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2009, 28, 79-85.	1.1	18
143	Vagus nerve stimulation in drug-resistant epilepsies. Analysis of potential prognostic factors in a cohort of patients with long-term follow-up. <i>Acta Neurochirurgica</i> , 2012, 154, 2237-2240.	0.9	18
144	Cardiac autonomic responses to nociceptive stimuli in patients with chronic disorders of consciousness. <i>Clinical Neurophysiology</i> , 2018, 129, 1083-1089.	0.7	18

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145	Effects of clonidine on power spectral analysis of heart rate variability in mild essential hypertension. <i>Journal of the Autonomic Nervous System</i> , 1998, 74, 152-159.	1.9	17
146	Î±7-Nicotinic acetylcholine receptor subunit is not required for parasympathetic control of the heart in the mouse. <i>Physiological Genomics</i> , 2005, 22, 86-92.	1.0	17
147	An unusual syncope. <i>Internal and Emergency Medicine</i> , 2013, 8, 65-67.	1.0	17
148	Usefulness of N-Terminal Pro-B-Type Natriuretic Peptide Increase as a Marker for Cardiac Arrhythmia in Patients With Syncope. <i>American Journal of Cardiology</i> , 2014, 113, 98-102.	0.7	17
149	Microvascular decompression in patients with trigeminal neuralgia and multiple sclerosis: results and analysis of possible prognostic factors. <i>Acta Neurologica Belgica</i> , 2020, 120, 329-334.	0.5	17
150	Particulate Air Pollution, Clock Gene Methylation, and Stroke: Effects on Stroke Severity and Disability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3090.	1.8	17
151	Biomedical Signal Processing and Modeling in Cardiovascular Systems. <i>Critical Reviews in Biomedical Engineering</i> , 2002, 30, 55-84.	0.5	17
152	Neural networks as a tool to predict syncope risk in the Emergency Department. <i>Europace</i> , 2017, 19, 1891-1895.	0.7	16
153	Orbital Tumors: Report of 70 Surgically Treated Cases. <i>World Neurosurgery</i> , 2018, 119, e449-e458.	0.7	16
154	Non-invasive model-based estimation of the sinus node dynamic properties from spontaneous cardiovascular variability series. <i>Medical and Biological Engineering and Computing</i> , 2003, 41, 52-61.	1.6	15
155	Bleeding Risk during Treatment of Acute Thrombotic Events with Subcutaneous LMWH Compared to Intravenous Unfractionated Heparin; A Systematic Review. <i>PLoS ONE</i> , 2012, 7, e44553.	1.1	15
156	Chronic Treatment with Ivabradine Does Not Affect Cardiovascular Autonomic Control in Rats. <i>Frontiers in Physiology</i> , 2016, 7, 305.	1.3	15
157	Wrong guidelines: why and how often they occur. <i>Evidence-Based Medicine</i> , 2017, 22, 1-3.	0.6	15
158	The challenge of implementing Less is More medicine: A European perspective. <i>European Journal of Internal Medicine</i> , 2020, 76, 1-7.	1.0	15
159	Automatic classification of interference patterns in driven event series: application to single sympathetic neuron discharge forced by mechanical ventilation. <i>Biological Cybernetics</i> , 2004, 91, 258-273.	0.6	14
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