

# Nicola Montano

## List of Publications by Citations

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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.

315  
papers

9,502  
citations

49  
h-index

89  
g-index

331  
ext. papers

11,086  
ext. citations

4.5  
avg, IF

5.82  
L-index

#	Paper	IF	Citations
315	Relationship between spectral components of cardiovascular variabilities and direct measures of muscle sympathetic nerve activity in humans. <i>Circulation</i> , <b>1997</b> , 95, 1441-8	16.7	592
314	Altered cardiovascular variability in obstructive sleep apnea. <i>Circulation</i> , <b>1998</b> , 98, 1071-7	16.7	438
313	Selective potentiation of peripheral chemoreflex sensitivity in obstructive sleep apnea. <i>Circulation</i> , <b>1999</b> , 99, 1183-9	16.7	415
312	Contribution of tonic chemoreflex activation to sympathetic activity and blood pressure in patients with obstructive sleep apnea. <i>Circulation</i> , <b>1998</b> , 97, 943-5	16.7	326
311	Entropy, entropy rate, and pattern classification as tools to typify complexity in short heart period variability series. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2001</b> , 48, 1282-91	5	299
310	Heart rate variability explored in the frequency domain: a tool to investigate the link between heart and behavior. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2009</b> , 33, 71-80	9	296
309	Absence of low-frequency variability of sympathetic nerve activity in severe heart failure. <i>Circulation</i> , <b>1997</b> , 95, 1449-54	16.7	257
308	Sleep, sleep deprivation, autonomic nervous system and cardiovascular diseases. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2017</b> , 74, 321-329	9	219
307	Symbolic dynamics of heart rate variability: a probe to investigate cardiac autonomic modulation. <i>Circulation</i> , <b>2005</b> , 112, 465-70	16.7	206
306	Deep bradycardia and heart block caused by inducible cardiac-specific knockout of the pacemaker channel gene Hcn4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 1705-10	11.5	188
305	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> , <b>2007</b> , 293, H702-8	5.2	177
304	Short- and long-term prognosis of syncope, risk factors, and role of hospital admission: results from the STePS (Short-Term Prognosis of Syncope) study. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 51, 276-83	15.1	173
303	Heart rate variability in normal and pathological sleep. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 294	4.6	163
302	Progressive decrease of heart period variability entropy-based complexity during graded head-up tilt. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 1143-9	3.7	157
301	Evidence for a central origin of the low-frequency oscillation in RR-interval variability. <i>Circulation</i> , <b>1998</b> , 98, 556-61	16.7	123
300	Central vagotonic effects of atropine modulate spectral oscillations of sympathetic nerve activity. <i>Circulation</i> , <b>1998</b> , 98, 1394-9	16.7	120
299	Emerging excitatory role of cardiovascular sympathetic afferents in pathophysiological conditions. <i>Hypertension</i> , <b>2002</b> , 39, 63-8	8.5	116

298	Yoga and chemoreflex response to hypoxia and hypercapnia. <i>Lancet, The</i> , <b>2000</b> , 356, 1495-6	40	112
297	Complexity and nonlinearity in short-term heart period variability: comparison of methods based on local nonlinear prediction. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2007</b> , 54, 94-106	5	111
296	Fixed and autoadjusting continuous positive airway pressure treatments are not similar in reducing cardiovascular risk factors in patients with obstructive sleep apnea. <i>Chest</i> , <b>2007</b> , 131, 1393-9	5.3	102
295	Short sleep duration and cardiometabolic risk: from pathophysiology to clinical evidence. <i>Nature Reviews Cardiology</i> , <b>2019</b> , 16, 213-224	14.8	97
294	Sudden unexpected death in epilepsy (SUDEP) and sleep. <i>Sleep Medicine Reviews</i> , <b>2011</b> , 15, 237-46	10.2	96
293	Advances in diagnosis and treatment of trigeminal neuralgia. <i>Therapeutics and Clinical Risk Management</i> , <b>2015</b> , 11, 289-99	2.9	93
292	Expression of EGFRvIII in glioblastoma: prognostic significance revisited. <i>Neoplasia</i> , <b>2011</b> , 13, 1113-21	6.4	90
291	Presence of vasomotor and respiratory rhythms in the discharge of single medullary neurons involved in the regulation of cardiovascular system. <i>Journal of the Autonomic Nervous System</i> , <b>1996</b> , 57, 116-22		87
290	Instant power spectrum analysis of heart rate variability during orthostatic tilt using a time-/frequency-domain method. <i>Circulation</i> , <b>1997</b> , 96, 3521-6	16.7	85
289	Causal relationships between heart period and systolic arterial pressure during graded head-up tilt. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 300, R378-86	3.2	84
288	One night on-call: sleep deprivation affects cardiac autonomic control and inflammation in physicians. <i>European Journal of Internal Medicine</i> , <b>2013</b> , 24, 664-70	3.9	77
287	Plasma leptin concentrations and cardiac autonomic nervous system in healthy subjects with different body weights. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 1810-4	5.6	75
286	Sympathetic neural outflow and chemoreflex sensitivity are related to spontaneous breathing rate in normal men. <i>Hypertension</i> , <b>2006</b> , 47, 51-5	8.5	74
285	Lung ultrasonography for the assessment of rapid extravascular water variation: evidence from hemodialysis patients. <i>Internal and Emergency Medicine</i> , <b>2013</b> , 8, 409-15	3.7	73
284	Model-based assessment of baroreflex and cardiopulmonary couplings during graded head-up tilt. <i>Computers in Biology and Medicine</i> , <b>2012</b> , 42, 298-305	7	72
283	Sympathovagal effects of spinal anesthesia assessed by heart rate variability analysis. <i>Anesthesia and Analgesia</i> , <b>1995</b> , 80, 315-21	3.9	72
282	Yoga respiratory training improves respiratory function and cardiac sympathovagal balance in elderly subjects: a randomised controlled trial. <i>BMJ Open</i> , <b>2011</b> , 1, e000085	3	71
281	Spectral analysis of sympathetic discharge, R-R interval and systolic arterial pressure in decerebrate cats. <i>Journal of the Autonomic Nervous System</i> , <b>1992</b> , 40, 21-31		71

280	Syncope clinical management in the emergency department: a consensus from the first international workshop on syncope risk stratification in the emergency department. <i>European Heart Journal</i> , <b>2016</b> , 37, 1493-8	9.5	67
279	Expression of the stem cell marker CD133 in recurrent glioblastoma and its value for prognosis. <i>Cancer</i> , <b>2011</b> , 117, 162-74	6.4	67
278	Individual recognition by heart rate variability of two different autonomic profiles related to posture. <i>Circulation</i> , <b>1997</b> , 96, 4143-5	16.7	64
277	Hyperventilation alters arterial baroreflex control of heart rate and muscle sympathetic nerve activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 279, H536-41	5.2	60
276	Short-term complexity indexes of heart period and systolic arterial pressure variabilities provide complementary information. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1810-20	3.7	58
275	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> , <b>2010</b> , 298, H1406-14	5.2	57
274	Towards human exploration of space: The THESEUS review series on immunology research priorities. <i>Npj Microgravity</i> , <b>2016</b> , 2, 16040	5.3	56
273	Priorities for emergency department syncope research. <i>Annals of Emergency Medicine</i> , <b>2014</b> , 64, 649-55.e21		56
272	Multiple testing strategy for the detection of temporal irreversibility in stationary time series. <i>Physical Review E</i> , <b>2008</b> , 77, 066204	2.4	54
271	Anakinra combined with methylprednisolone in patients with severe COVID-19 pneumonia and hyperinflammation: An observational cohort study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 561-566.e4	11.5	53
270	Standard and pocket-size lung ultrasound devices can detect interstitial lung disease in rheumatoid arthritis patients. <i>Rheumatology</i> , <b>2014</b> , 53, 1497-503	3.9	51
269	Frequency-dependent baroreflex modulation of blood pressure and heart rate variability in conscious mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H1968-75	5.2	51
268	Relationship between repeated measures of hemodynamics, muscle sympathetic nerve activity, and their spectral oscillations. <i>Circulation</i> , <b>1997</b> , 96, 4326-32	16.7	51
267	Short-term complexity of cardiac autonomic control during sleep: REM as a potential risk factor for cardiovascular system in aging. <i>PLoS ONE</i> , <b>2011</b> , 6, e19002	3.7	49
266	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> , <b>2020</b> , 14, 568051	3.3	46
265	Lung ultrasound and short-term prognosis in heart failure patients. <i>International Journal of Cardiology</i> , <b>2016</b> , 218, 104-108	3.2	43
264	Aging reduces complexity of heart rate variability assessed by conditional entropy and symbolic analysis. <i>Internal and Emergency Medicine</i> , <b>2012</b> , 7, 229-35	3.7	42
263	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> , <b>2011</b> , 32, 904-12	9.5	42

262	Olfactory groove meningioma: report of 99 cases surgically treated at the Catholic University School of Medicine, Rome. <i>World Neurosurgery</i> , <b>2015</b> , 83, 219-31.e1-3	2.1	41
261	Importance of ventilation in modulating interaction between sympathetic drive and cardiovascular variability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 280, H722-9	5.2	41
260	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> , <b>2013</b> , 115, 567-72	2	40
259	Syncope recurrence and mortality: a systematic review. <i>Europace</i> , <b>2015</b> , 17, 300-8	3.9	40
258	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> , <b>2016</b> , 125, 363-71	3.2	37
257	Influence of local environment on the differentiation of neural stem cells engrafted onto the injured spinal cord. <i>Neurological Research</i> , <b>2006</b> , 28, 488-92	2.7	37
256	Effects of spinal section and of positive-feedback excitatory reflex on sympathetic and heart rate variability. <i>Hypertension</i> , <b>2000</b> , 36, 1029-34	8.5	36
255	Prevalence of Pulmonary Embolism in Patients With Syncope. <i>JAMA Internal Medicine</i> , <b>2018</b> , 178, 356-362	1.5	35
254	Communicating hydrocephalus following surgery and adjuvant radiochemotherapy for glioblastoma. <i>Journal of Neurosurgery</i> , <b>2011</b> , 115, 1126-30	3.2	35
253	Telomerase inhibition by stable RNA interference impairs tumor growth and angiogenesis in glioblastoma xenografts. <i>International Journal of Cancer</i> , <b>2006</b> , 118, 2158-67	7.5	35
252	Post-resistance exercise hemodynamic and autonomic responses: Comparison between normotensive and hypertensive men. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2015</b> , 25, 486-94	4.6	34
251	Tumorigenic potential of olfactory bulb-derived human adult neural stem cells associates with activation of TERT and NOTCH1. <i>PLoS ONE</i> , <b>2009</b> , 4, e4434	3.7	34
250	Symbolic analysis detects alterations of cardiac autonomic modulation in congestive heart failure rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2009</b> , 150, 21-6	2.4	34
249	Contrasting effects of phentolamine and nitroprusside on neural and cardiovascular variability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 281, H559-65	5.2	34
248	Percutaneous balloon compression for the treatment of trigeminal neuralgia in patients with multiple sclerosis. Analysis of the potentially prognostic factors. <i>Acta Neurochirurgica</i> , <b>2012</b> , 154, 779-83	3	33
247	Social stress contagion in rats: Behavioural, autonomic and neuroendocrine correlates. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 82, 155-163	5	31
246	Oropharyngeal Dysphagia in patients with obstructive sleep apnea syndrome. <i>Dysphagia</i> , <b>2014</b> , 29, 44-51	3.7	31
245	Frequency domain assessment of the coupling strength between ventricular repolarization duration and heart period during graded head-up tilt. <i>Journal of Electrocardiology</i> , <b>2011</b> , 44, 662-8	1.4	31

244	Prognostic relevance of c-Myc and BMI1 expression in patients with glioblastoma. <i>American Journal of Clinical Pathology</i> , <b>2012</b> , 138, 390-6	1.9	31
243	Inflammation and oxidative stress in obstructive sleep apnea syndrome. <i>Experimental Biology and Medicine</i> , <b>2007</b> , 232, 1409-13	3.7	31
242	Acute beta-blockade increases muscle sympathetic activity and modifies its frequency distribution. <i>Circulation</i> , <b>2004</b> , 110, 2786-91	16.7	31
241	Respiratory-related heart rate variability in progressive experimental heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H1729-35	5.2	30
240	Sympathetic rhythmicity in cardiac transplant recipients. <i>Circulation</i> , <b>1999</b> , 99, 1606-10	16.7	30
239	Vagal withdrawal and susceptibility to cardiac arrhythmias in rats with high trait aggressiveness. <i>PLoS ONE</i> , <b>2013</b> , 8, e68316	3.7	30
238	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> , <b>2014</b> , 9, 85-92	3.7	29
237	Acute particulate matter affects cardiovascular autonomic modulation and IFN- $\gamma$ methylation in healthy volunteers. <i>Environmental Research</i> , <b>2018</b> , 161, 97-103	7.9	28
236	Evidence for central organization of cardiovascular rhythms. <i>Annals of the New York Academy of Sciences</i> , <b>2001</b> , 940, 299-306	6.5	28
235	Plasma Leptin Concentrations and Cardiac Autonomic Nervous System in Healthy Subjects with Different Body Weights		28
234	Modulation of sympathetic activity and heart rate variability by ivabradine. <i>Cardiovascular Research</i> , <b>2015</b> , 108, 31-8	9.9	27
233	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> , <b>2014</b> , 25, 164-8	3.9	27
232	On arousal from sleep: time-frequency analysis. <i>Medical and Biological Engineering and Computing</i> , <b>2008</b> , 46, 341-51	3.1	27
231	Embolization of hemangioblastomas. <i>Journal of Neurosurgery</i> , <b>2008</b> , 108, 1063-4; author reply 1064-5	3.2	26
230	Differential characteristics of neural circulatory control: early versus late after cardiac transplantation. <i>Circulation</i> , <b>2001</b> , 104, 1809-13	16.7	26
229	Sympathetic rhythms and cardiovascular oscillations. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2001</b> , 90, 29-34	2.4	26
228	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> , <b>2011</b> , 33, 835-42	2.4	25
227	Sympathovagal Balance: A Reappraisal. <i>Circulation</i> , <b>1998</b> , 98,	16.7	25

226	Effects of acute and chronic sleep deprivation on cardiovascular regulation. <i>Archives Italiennes De Biologie</i> , <b>2014</b> , 152, 103-10	1.1	25
225	Heart rate variability as a clinical tool. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , <b>2002</b> , 3, 439-45		25
224	Sympathetic and angiotensinergic responses mediated by paradoxical sleep loss in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , <b>2011</b> , 12, 146-52	3	24
223	Heart rate variability is encoded in the spontaneous discharge of thalamic somatosensory neurones in cat. <i>Journal of Physiology</i> , <b>2000</b> , 526 Pt 2, 387-96	3.9	24
222	Sudarshan Kriya Yoga improves cardiac autonomic control in patients with anxiety-depression disorders. <i>Journal of Affective Disorders</i> , <b>2017</b> , 214, 74-80	6.6	23
221	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> , <b>2014</b> , 125, 69-74	2	23
220	Analysis of sympathetic neural discharge in rats and humans. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2009</b> , 367, 1265-82	3	23
219	Sympathetic overactivity in ischaemic heart disease. <i>Clinical Science</i> , <b>2004</b> , 106, 567-8	6.5	23
218	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> , <b>2014</b> , 9, e96349	3.7	23
217	Adenosine activates cardiac sympathetic afferent fibers and potentiates the excitation induced by coronary occlusion. <i>Journal of the Autonomic Nervous System</i> , <b>1995</b> , 53, 175-84		22
216	The diagnostic yield of implantable loop recorders in unexplained syncope: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , <b>2017</b> , 231, 170-176	3.2	21
215	The Italian Society of Internal Medicine choosing wisely campaign. <i>Internal and Emergency Medicine</i> , <b>2016</b> , 11, 1125-1130	3.7	21
214	Binary symbolic dynamics classifies heart rate variability patterns linked to autonomic modulations. <i>Computers in Biology and Medicine</i> , <b>2012</b> , 42, 313-8	7	21
213	Treatment of acquired angioedema with icatibant: a case report. <i>Internal and Emergency Medicine</i> , <b>2011</b> , 6, 279-80	3.7	21
212	Interobserver agreement in the interpretation of computed tomography in acute pulmonary embolism. <i>American Journal of Emergency Medicine</i> , <b>2009</b> , 27, 1109-11	2.9	21
211	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> , <b>2015</b> , 10, 525-7	3.7	20
210	The role of percutaneous balloon compression in the treatment of trigeminal neuralgia recurring after other surgical procedures. <i>Acta Neurologica Belgica</i> , <b>2014</b> , 114, 59-64	1.5	20
209	Influence of type 2 diabetes on symbolic analysis and complexity of heart rate variability in men. <i>Diabetology and Metabolic Syndrome</i> , <b>2014</b> , 6, 13	5.6	20

208	Targeted therapy with bevacizumab and erlotinib tailored to the molecular profile of patients with recurrent glioblastoma. Preliminary experience. <i>Acta Neurochirurgica</i> , <b>2013</b> , 155, 33-40	3	20
207	Autonomic nervous system modulation affects the inflammatory immune response in mice with acute Chagas disease. <i>Experimental Physiology</i> , <b>2012</b> , 97, 1186-202	2.4	20
206	De novo malignant craniopharyngioma: case report and literature review. <i>Journal of Neuro-Oncology</i> , <b>2011</b> , 103, 381-6	4.8	20
205	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> , <b>2019</b> , 130, 530-536.e2	2.1	19
204	Linear and nonlinear analysis of heart rate variability in coronary disease. <i>Clinical Autonomic Research</i> , <b>2012</b> , 22, 175-83	4.3	19
203	Eligibility criteria in heart failure randomized controlled trials: a gap between evidence and clinical practice. <i>Internal and Emergency Medicine</i> , <b>2009</b> , 4, 117-22	3.7	19
202	Motoneurons innervating facial muscles after hypoglossal and hemihypoglossal-facial nerve anastomosis in rats. <i>Neurological Research</i> , <b>2004</b> , 26, 395-400	2.7	18
201	Antihypertensive action of amiodarone in spontaneously hypertensive rats. <i>Hypertension</i> , <b>2001</b> , 38, 597-601	6.1	18
200	Intravenous amiodarone modifies autonomic balance and increases baroreflex sensitivity in conscious rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2002</b> , 95, 88-96	2.4	18
199	Spectral analysis of sympathetic discharge in decerebrate cats. <i>Journal of the Autonomic Nervous System</i> , <b>1990</b> , 30 Suppl, S97-9		18
198	The contagion of social defeat stress: Insights from rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 111, 12-18	9	18
197	Cardiac and Peripheral Autonomic Responses to Orthostatic Stress During Transcutaneous Vagus Nerve Stimulation in Healthy Subjects. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	17
196	Symbolic transformations of heart rate variability preserve information about cardiac autonomic control. <i>Physiological Measurement</i> , <b>2015</b> , 36, 643-57	2.9	17
195	Glutamate and GABA in the medial amygdala induce selective central sympathetic/parasympathetic cardiovascular responses. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2012</b> , 90, 525-36	2.4	17
194	Autonomic cardiovascular modulation. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2009</b> , 28, 79-85		17
193	Telomerase inhibition impairs tumor growth in glioblastoma xenografts. <i>Neurological Research</i> , <b>2006</b> , 28, 532-7	2.7	17
192	Anterior cervical discectomy and interbody fusion with porous tantalum implant. Results in a series with long-term follow-up. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 33, 159-162	2.2	17
191	Craniotomy repair with the retrosigmoid approach: the impact on quality of life of meticulous reconstruction of anatomical layers. <i>Acta Neurochirurgica</i> , <b>2011</b> , 153, 2255-8	3	16



190	Opposite effects of iv amiodarone on cardiovascular vagal and sympathetic efferent activities in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2002</b> , 283, R543-38		16
189	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> , <b>2014</b> , 113, 98-102	3	15
188	Cardiac autonomic control in Brugada syndrome patients during sleep: the effects of sleep disordered breathing. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 3267-72	3.2	15
187	Contribution of Autonomic Reflexes to the Hyperadrenergic State in Heart Failure. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 162	5.1	15
186	Effects of clonidine on power spectral analysis of heart rate variability in mild essential hypertension. <i>Journal of the Autonomic Nervous System</i> , <b>1998</b> , 74, 152-9		15
185	An unusual syncope. <i>Internal and Emergency Medicine</i> , <b>2013</b> , 8, 65-7	3.7	14
184	Ischemic stroke in a man with naphazoline abuse history. <i>American Journal of Emergency Medicine</i> , <b>2007</b> , 25, 983.e1-2	2.9	14
183	Automatic classification of interference patterns in driven event series: application to single sympathetic neuron discharge forced by mechanical ventilation. <i>Biological Cybernetics</i> , <b>2004</b> , 91, 258-73	2.8	14
182	Non-invasive model-based estimation of the sinus node dynamic properties from spontaneous cardiovascular variability series. <i>Medical and Biological Engineering and Computing</i> , <b>2003</b> , 41, 52-61	3.1	14
181	Alpha7-nicotinic acetylcholine receptor subunit is not required for parasympathetic control of the heart in the mouse. <i>Physiological Genomics</i> , <b>2005</b> , 22, 86-92	3.6	14
180	Biomedical signal processing and modeling in cardiovascular systems. <i>Critical Reviews in Biomedical Engineering</i> , <b>2002</b> , 30, 55-84	1.1	14
179	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> , <b>2012</b> , 154, 2237-40	3	13
178	Simultaneously occurring tumours within the same cerebello-pontine angle: refining literature definitions and proposal for classification. <i>Acta Neurochirurgica</i> , <b>2011</b> , 153, 1989-93; discussion 1993	3	13
177	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> , <b>2019</b> , 125, e575-e581	2.1	13
176	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> , <b>2020</b> , 91, 1270-1278	5.5	12
175	Orbital Tumors: Report of 70 Surgically Treated Cases. <i>World Neurosurgery</i> , <b>2018</b> , 119, e449-e458	2.1	11
174	Factors affecting functional outcome in patients with intramedullary spinal cord tumors: results from a literature analysis. <i>Acta Neurologica Belgica</i> , <b>2017</b> , 117, 277-282	1.5	11
173	Evaluation of Cardiovascular Risk Factors in the Wistar Audiogenic Rat (WAR) Strain. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129574	3.7	11

172	Microvascular decompression in patients with trigeminal neuralgia and multiple sclerosis: results and analysis of possible prognostic factors. <i>Acta Neurologica Belgica</i> , <b>2020</b> , 120, 329-334	1.5	11
171	Guidelines on the management of atrial fibrillation in the emergency department: a critical appraisal. <i>Internal and Emergency Medicine</i> , <b>2017</b> , 12, 693-703	3.7	10
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