Paolo Zamboni

List of Publications by Year in descending order

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133 papers 6,256 citations

126858 33 h-index 76 76 g-index

134 all docs

134 docs citations

times ranked

134

8635 citing authors

#	Article	IF	CITATIONS
1	Oxidative Stress and Neurodegenerative Diseases: A Review of Upstream and Downstream Antioxidant Therapeutic Options. Current Neuropharmacology, 2009, 7, 65-74.	1.4	2,701
2	A prospective open-label study of endovascular treatment of chronic cerebrospinal venous insufficiency. Journal of Vascular Surgery, 2009, 50, 1348-1358.e3.	0.6	350
3	Anomalous Venous Blood Flow and Iron Deposition in Multiple Sclerosis. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1867-1878.	2.4	181
4	The Big Idea: Iron-dependent inflammation in venous disease and proposed parallels in multiple sclerosis. Journal of the Royal Society of Medicine, 2006, 99, 589-593.	1.1	174
5	Venous Collateral Circulation of the Extracranial Cerebrospinal Outflow Routes. Current Neurovascular Research, 2009, 6, 204-212.	0.4	98
6	Hemochromatosis C282Y gene mutation increases the risk of venous leg ulceration. Journal of Vascular Surgery, 2005, 42, 309-314.	0.6	89
7	Redox metals homeostasis in multiple sclerosis and amyotrophic lateral sclerosis: a review. Cell Death and Disease, 2018, 9, 348.	2.7	82
8	Hypoperfusion of brain parenchyma is associated with the severity of chronic cerebrospinal venous insufficiency in patients with multiple sclerosis: a cross-sectional preliminary report. BMC Medicine, 2011, 9, 22.	2.3	77
9	Circadian variation in spontaneous rupture of abdominal aorta. Lancet, The, 1999, 353, 643-644.	6.3	74
10	Efficacy and Safety of Extracranial Vein Angioplasty in Multiple Sclerosis. JAMA Neurology, 2018, 75, 35.	4.5	65
11	<i>In vivo</i> diabetic wound healing with nanofibrous scaffolds modified with gentamicin and recombinant human epidermal growth factor. Journal of Biomedical Materials Research - Part A, 2018, 106, 641-651.	2.1	64
12	Venous hemodynamic changes in lower limb venous disease: the UIP consensus according to scientific evidence. International Angiology, 2016, 35, 236-352.	0.4	62
13	The overlapping of local iron overload and HFE mutation in venous leg ulcer pathogenesis. Free Radical Biology and Medicine, 2006, 40, 1869-1873.	1.3	61
14	Recommendations for Multimodal Noninvasive and Invasive Screening for Detection of Extracranial Venous Abnormalities Indicative of Chronic Cerebrospinal Venous Insufficiency: A Position Statement of the International Society for Neurovascular Disease. Journal of Vascular and Interventional Radiology, 2014, 25, 1785-1794.e17.	0.2	57
15	Global guidelines trends and controversies in lower limb venous and lymphatic disease. Phlebology, 2019, 34, 4-66.	0.6	51
16	The eagle jugular syndrome. BMC Neurology, 2019, 19, 333.	0.8	50
17	COVID-19 Vaccine and Death: Causality Algorithm According to the WHO Eligibility Diagnosis. Diagnostics, 2021, 11, 955.	1.3	49
18	Review: Interplay of Iron Metallobiology, Metalloproteinases, and FXIII, and Role of Their Gene Variants in Venous Leg Ulcer. International Journal of Lower Extremity Wounds, 2010, 9, 166-179.	0.6	48

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19	Near-Infrared Spectroscopy Assessment Following Exercise Training in Patients With Intermittent Claudication and in Untrained Healthy Participants. Vascular and Endovascular Surgery, 2012, 46, 315-324.	0.3	47
20	An ultrasound model to calculate the brain blood outflow through collateral vessels: a pilot study. BMC Neurology, 2013, 13, 81.	0.8	47
21	Post-mortem findings in vaccine-induced thrombotic thombocytopenia. Haematologica, 2021, 106, 2291-2293.	1.7	47
22	Acute and long-term effects of an exercise program for dialysis patients prescribed in hospital and performed at home. Journal of Nephrology, 2008, 21, 871-8.	0.9	46
23	Effects of vasoactive agents in healthy and diseased human saphenous veins. Journal of Vascular Surgery, 1998, 28, 855-861.	0.6	45
24	Investigation of in vitro cytotoxicity of the redox state of ionic iron in neuroblastoma cells. Journal of Neurosciences in Rural Practice, 2012, 03, 301-310.	0.3	45
25	Does thoracic pump influence the cerebral venous return?. Journal of Applied Physiology, 2012, 112, 904-910.	1.2	45
26	Assessment of cerebral venous return by a novel plethysmography method. Journal of Vascular Surgery, 2012, 56, 677-685.e1.	0.6	44
27	Influence of gene polymorphisms in ulcer healing process after superficial venous surgery. Journal of Vascular Surgery, 2006, 44, 554-562.	0.6	43
28	Serum Iron and Matrix Metalloproteinase-9 Variations in Limbs Affected by Chronic Venous Disease and Venous Leg Ulcers. Dermatologic Surgery, 2005, 31, 644-649.	0.4	42
29	Training Rather Than Walking The Test In - Train Out Program for Home-Based Rehabilitation in Peripheral Arteriopathy. Circulation Journal, 2008, 72, 946-952.	0.7	42
30	Polymorphisms in the genes coding for iron binding and transporting proteins are associated with disability, severity, and early progression in multiple sclerosis. BMC Medical Genetics, 2012, 13, 70.	2.1	42
31	Evaluation of Patient Compliance, Quality of Life Impact and Cost-Effectiveness of a "Test In-Train Out" Exercise-Based Rehabilitation Program for Patients With Intermittent Claudication. Circulation Journal, 2011, 75, 2128-2134.	0.7	40
32	Autopsy Findings and Causality Relationship between Death and COVID-19 Vaccination: A Systematic Review. Journal of Clinical Medicine, 2021, 10, 5876.	1.0	38
33	Factor XIII Contrasts the Effects of Metalloproteinases in Human Dermal Fibroblast Cultured Cells. Vascular and Endovascular Surgery, 2004, 38, 431-438.	0.3	37
34	An Ultrasonographic Technique to Assess the Jugular Venous Pulse: A Proof of Concept. Ultrasound in Medicine and Biology, 2015, 41, 1334-1341.	0.7	33
35	Serum Iron and Matrix Metalloproteinase-9 Variations in Limbs Affected by Chronic Venous Disease and Venous Leg Ulcers. Dermatologic Surgery, 2006, 31, 644-649.	0.4	31
36	Changes of Cine Cerebrospinal Fluid Dynamics in Patients with Multiple Sclerosis Treated with Percutaneous Transluminal Angioplasty: A Case-control Study. Journal of Vascular and Interventional Radiology, 2013, 24, 829-838.	0.2	31

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37	Naphthoquinones and Their Derivatives: Emerging Trends in Combating Microbial Pathogens. Coatings, 2021, 11, 434.	1.2	31
38	Urine hemosiderin: A novel marker to assess the severity of chronic venous disease. Journal of Vascular Surgery, 2003, 37, 132-136.	0.6	28
39	Calcium micro-depositions in jugular truncular venous malformations revealed by Synchrotron-based XRF imaging. Scientific Reports, 2015, 4, 6540.	1.6	28
40	Theranostic Implications of Nanotechnology in Multiple Sclerosis: A Future Perspective. Autoimmune Diseases, 2012, 2012, 1-12.	2.7	27
41	Traditional Herbal Remedies with a Multifunctional Therapeutic Approach as an Implication in COVID-19 Associated Co-Infections. Coatings, 2020, 10, 761.	1.2	27
42	Venous angioplasty in multiple sclerosis: neurological outcome at two years in a cohort of relapsing-remitting patients. Functional Neurology, 2012, 27, 55-9.	1.3	27
43	Fixing the jugular flow reduces ventricle volume and improves brain perfusion. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2016, 4, 434-445.	0.9	26
44	Impact of Jugular Vein Valve Function on Cerebral Venous Haemodynamics. Current Neurovascular Research, 2015, 12, 384-397.	0.4	26
45	Investigation of the Associations between a Nanomaterial's Microrheology and Toxicology. ACS Omega, 2022, 7, 13985-13997.	1.6	25
46	Modulation of Circulating Cytokine-Chemokine Profile in Patients Affected by Chronic Venous Insufficiency Undergoing Surgical Hemodynamic Correction. Journal of Immunology Research, 2014, 2014, 1-10.	0.9	24
47	Reliability of the Vascular Claudication Reporting in Diabetic Patients With Peripheral Arterial Disease. Angiology, 2015, 66, 365-374.	0.8	24
48	Coagulation Factor XII Levels and Intrinsic Thrombin Generation in Multiple Sclerosis. Frontiers in Neurology, 2018, 9, 245.	1.1	23
49	Recent Advances in Plant Nanobionics and Nanobiosensors for Toxicology Applications. Current Nanoscience, 2020, 16, 27-41.	0.7	23
50	Ultrasonographic assessment of ambulatory venous pressure in superficial venous incompetence. Journal of Vascular Surgery, 1997, 26, 796-802.	0.6	22
51	Changes in exercise capacity and risk of all-cause mortality in patients with peripheral artery disease: a 10-year retrospective cohort study. Internal and Emergency Medicine, 2020, 15, 289-298.	1.0	22
52	Regarding "No Cerebrocervical Venous Congestion in Patients with Multiple Sclerosis. Intraluminal Jugular Septation― Annals of Neurology, 2010, 68, 969-969.	2.8	21
53	JEDI (jugular entrapment, dilated ventricles, intracranial hypertension) syndrome: a new clinical entity? A case report. Acta Neurochirurgica, 2019, 161, 1367-1370.	0.9	21
54	Why Current Doppler Ultrasound Methodology Is Inaccurate in Assessing Cerebral Venous Return: The Alternative of the Ultrasonic Jugular Venous Pulse. Behavioural Neurology, 2016, 2016, 1-7.	1.1	20

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55	A specifically designed aquatic exercise protocol to reduce chronic lower limb edema. Phlebology, 2017, 32, 594-600.	0.6	20
56	Efficacy and safety of venous angioplasty of the extracranial veins for multiple sclerosis. Brave dreams study (brain venous drainage exploited against multiple sclerosis): study protocol for a randomized controlled trial. Trials, 2012, 13, 183.	0.7	19
57	Clinical Applicability of Assessment of Jugular Flow over the Individual Cardiac Cycle Compared with Current Ultrasound Methodology. Ultrasound in Medicine and Biology, 2016, 42, 1750-1763.	0.7	19
58	Autologous adipose-derived stem cells: Basic science, technique, and rationale for application in ulcer and wound healing. Phlebology, 2017, 32, 160-171.	0.6	19
59	A phase II randomized clinical trial for the treatment of recalcitrant chronic leg ulcers using centrifuged adipose tissue containing progenitor cells. Cytotherapy, 2019, 21, 200-211.	0.3	19
60	COVID-19 as a Vascular Disease: Lesson Learned from Imaging and Blood Biomarkers. Diagnostics, 2020, 10, 440.	1.3	19
61	Central venous pressure estimation from ultrasound assessment of the jugular venous pulse. PLoS ONE, 2020, 15, e0240057.	1.1	19
62	Inhibitory Effect of Natural Anti-Inflammatory Compounds on Cytokines Released by Chronic Venous Disease Patient-Derived Endothelial Cells. Mediators of Inflammation, 2013, 2013, 1-13.	1.4	18
63	Oscillatory flow suppression improves inflammation in chronic venous disease. Journal of Surgical Research, 2016, 205, 238-245.	0.8	18
64	Structured Home-Based Exercise Versus Invasive Treatment. Angiology, 2016, 67, 772-780.	0.8	18
65	Effects of Venous Angioplasty on Cerebral Lesions in Multiple Sclerosis: Expanded Analysis of the Brave Dreams Double-Blind, Sham-Controlled Randomized Trial. Journal of Endovascular Therapy, 2020, 27, 9-17.	0.8	18
66	Human Internal Jugular Valve M-mode Ultrasound Characterization. Current Neurovascular Research, 2014, 11, 149-155.	0.4	16
67	Changes in expression profiles of internal jugular vein wall and plasma protein levels in multiple sclerosis. Molecular Medicine, 2018, 24, 42.	1.9	16
68	Biomarkers of Muscle Metabolism in Peripheral Artery Disease: A Dynamic NIRS-Assisted Study to Detect Adaptations Following Revascularization and Exercise Training. Diagnostics, 2020, 10, 312.	1.3	16
69	Internal Jugular Vein Thrombosis: Etiology, Symptomatology, Diagnosis and Current Treatment. Diagnostics, 2021, 11, 378.	1.3	15
70	The Oscillating Component of the Internal Jugular Vein Flow: The Overlooked Element of Cerebral Circulation. Behavioural Neurology, 2015, 2015, 1-9.	1.1	14
71	Rehabilitative Exercise Reduced the Impact of Peripheral Artery Disease on Vascular Outcomes in Elderly Patients with Claudication: A Three-Year Single Center Retrospective Study. Journal of Clinical Medicine, 2019, 8, 210.	1.0	14
72	Volume control of the lower limb with graduated compression during different muscle pump activation conditions and the relation to limb circumference variation. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2020, 8, 814-820.	0.9	14

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73	Validation of a Hemodynamic Model for the Study of the Cerebral Venous Outflow System Using MR Imaging and Echo-Color Doppler Data. American Journal of Neuroradiology, 2016, 37, 2100-2109.	1.2	13
74	Venous compliance and clinical implications. Veins and Lymphatics, 2018, 7, .	0.1	13
75	Inherited genetic predispositions in F13A1 and F13B genes predict abdominal adhesion formation: identification of gender prognostic indicators. Scientific Reports, 2018, 8, 16916.	1.6	13
76	Effects of intermittent pneumatic compression treatment on clinical outcomes and biochemical markers in patients at low mobility with lower limb edema. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2018, 6, 500-510.	0.9	13
77	C6orf10 Low-Frequency and Rare Variants in Italian Multiple Sclerosis Patients. Frontiers in Genetics, 2019, 10, 573.	1.1	13
78	Styloidogenic-cervical spondylotic internal jugular venous compression, a vascular disease related to several clinical neurological manifestations: diagnosis and treatment—a comprehensive literature review. Annals of Translational Medicine, 2021, 9, 718-718.	0.7	13
79	Efficacy and Safety of Treatment of Complex Idiopathic Fistula-in-Ano Using Autologous Centrifuged Adipose Tissue Containing Progenitor Cells: A Randomized Controlled Trial. Diseases of the Colon and Rectum, 2021, 64, 1276-1285.	0.7	13
80	In Vitro versus In Vivo Assessment of Vein Wall Properties. Annals of Vascular Surgery, 1998, 12, 324-329.	0.4	12
81	CCSVI is associated with multiple sclerosis. Neurological Research, 2012, 34, 770-779.	0.6	12
82	Increased CCL18 plasma levels are associated with neurodegenerative MRI outcomes in multiple sclerosis patients. Multiple Sclerosis and Related Disorders, 2018, 25, 37-42.	0.9	11
83	Don't stop walking: the in-home rehabilitation program for peripheral artery disease patients during the COVID-19 pandemic. Internal and Emergency Medicine, 2021, 16, 1307-1315.	1.0	11
84	Contactless and Hassle Free Real Time Heart Rate Measurement with Facial Video. Journal of Cardiac Critical Care TSS, 2017, 01, 024-029.	0.0	10
85	Ultrasound Monitoring of Jugular Venous Pulse during Space Missions: Proof of Concept. Ultrasound in Medicine and Biology, 2018, 44, 726-733.	0.7	9
86	A New Insight in Nonaneurysmal Subarachnoid Hemorrhage: The Potential Role of the Internal Jugular Veins. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2022, 83, 344-350.	0.4	9
87	Combination of Genomic and Transcriptomic Approaches Highlights Vascular and Circadian Clock Components in Multiple Sclerosis. International Journal of Molecular Sciences, 2022, 23, 310.	1.8	9
88	Comparison between the effects of 18- and 23-mmHg elastic stockings on leg volume and fatigue in golfers. International Angiology, 2017, 36, 129-135.	0.4	8
89	Extracranial Veins in Multiple Sclerosis: Is There a Role for Vascular Surgery?. European Journal of Vascular and Endovascular Surgery, 2018, 56, 618-621.	0.8	8
90	The Contribution of Extra Cranial Venous Drainage to Neuro-Inflammation in Multiple Sclerosis., 2018, , 579-599.		8

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91	Bowel ischemia as onset of COVIDâ€19 in otherwise asymptomatic patients with persistently negative swab. Journal of Internal Medicine, 2022, 291, 224-231.	2.7	8
92	Structured pain-free exercise progressively improves ankle-brachial index and walking ability in patients with claudication and compressible arteries: an observational study. Internal and Emergency Medicine, 2022, 17, 439-449.	1.0	8
93	Patient specific Polymethyl methacrylate customised cranioplasty using 3D printed silicone moulds: Technical note. International Journal of Medical Robotics and Computer Assisted Surgery, 2022, 18, e2353.	1.2	8
94	Segmental saphenous ablation for chronic venous disease treatment. Phlebology, 2021, 36, 63-69.	0.6	7
95	Lower limbs venous kinetics and consequent impact on drainage direction. Phlebology, 2018, 33, 107-114.	0.6	7
96	High Resolution M-mode Evaluation of Jugular Vein Valves in Patients with Neurological and Neurosensory Disorders. Current Neurovascular Research, 2018, 14, 316-322.	0.4	7
97	The overtreatment of illusory May Thurner syndrome. Veins and Lymphatics, 2019, 8, .	0.1	6
98	Lower limb volume in healthy individuals after walking with compression stockings. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2019, 7, 557-561.	0.9	6
99	Comparison of prazosin, terazosin and tamsulosin: Functional and binding studies in isolated prostatic and vascular human tissues. Prostate, 2001, 47, 231-238.	1.2	5
100	Pathophysiology of Perforators in Primary Chronic Venous Insufficiency. World Journal of Surgery, 2005, 29, S115-S118.	0.8	5
101	Can Facebook influence funding?. Nature, 2011, 473, 452-452.	13.7	4
102	Comparison Between Duplex Ultrasound and Multigate Quality Doppler Profile Software in the Assessment of Lower Limb Perforating Vein Direction. European Journal of Vascular and Endovascular Surgery, 2018, 55, 688-693.	0.8	4
103	NO-HYPE: a novel hydrodynamic phantom for the evaluation of MRI flow measurements. Medical and Biological Engineering and Computing, 2021, 59, 1889-1899.	1.6	4
104	The Pathology of the Internal Jugular Vein Wall in Multiple Sclerosis. Journal of Multiple Sclerosis, 2015, 02, .	0.1	4
105	Vaccine-induced immune thrombotic thrombocytopenia with atypical vein thrombosis: Implications for clinical practice. Phlebology, 2022, , 026835552110689.	0.6	4
106	Spontaneous thrombosis of primary external jugular veins aneurysms. Veins and Lymphatics, 2013, 2, 17.	0.1	3
107	Novel Compliant Scaffold with Specific Design for Venous System: Results of a Porcine Model Study. BioMed Research International, 2018, 2018, 1-8.	0.9	3
108	How to Assess Illusory May–Thurner Syndrome by Ultrasound. European Journal of Vascular and Endovascular Surgery, 2019, 58, 305.	0.8	3

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109	A Brain Hidden in the Ferrara Cathedral: A Novel Interpretation of a Renaissance Masterpiece. World Neurosurgery, 2019, 127, 486-489.	0.7	3
110	Expression profiles of the internal jugular and saphenous veins: Focus on hemostasis genes. Thrombosis Research, 2020, 191, 113-124.	0.8	3
111	COVID-19 induced aorto duodenal fistula following evar in the so called "negative―patient. Vascular, 2023, 31, 189-195.	0.4	3
112	2016: The year of Phlebological Olympic Games. Veins and Lymphatics, 2016, 5, .	0.1	2
113	Restless Leg Syndrome in Peripheral Artery Disease: Prevalence among Patients with Claudication and Benefits from Low-Intensity Exercise. Journal of Clinical Medicine, 2019, 8, 1403.	1.0	2
114	Mini-invasive foam sclerotherapy-assisted ligation versus surgical flush ligation for incompetent sapheno-popliteal junction treatment. Phlebology, 2019, 34, 604-610.	0.6	2
115	Letter to the Editor Regarding "Styloidectomy and Venous Stenting for Treatment of Styloid-Induced Internal Jugular Vein Stenosis: A Case Report and Literature Review― World Neurosurgery, 2020, 139, 697.	0.7	2
116	The medical enigma of Rembrandt's Bathsheba. Journal of Thrombosis and Haemostasis, 2020, 18, 1268-1270.	1.9	2
117	What are the ideal characteristics of a venous stent?. Veins and Lymphatics, 2021, 10, .	0.1	2
118	The investigation of the cerebral venous system in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2021, 56, 103234.	0.9	2
119	A novel device for non-invasive cerebral perfusion assessment. Veins and Lymphatics, 2015, 4, .	0.1	1
120	Is Leg Ulceration a Defending Mechanism against Toxic Iron Accumulation?. Acta Haematologica, 2016, 135, 122-123.	0.7	1
121	Novel Interest About Cardiac Variation of Internal Jugular Vein for the Evaluation of the Hemodynamics. Ultrasound in Medicine and Biology, 2017, 43, 380.	0.7	1
122	Mechanical Function of Internal Jugular Vein Valve: Post-analysis of M-Mode Imaging under Cardiac Monitoring. Ultrasound in Medicine and Biology, 2019, 45, 3087-3101.	0.7	1
123	A novel endovenous scaffold for the treatment of chronic venous obstruction in a porcine model: Histological and ultrastructural assessment. Phlebology, 2019, 34, 336-346.	0.6	1
124	Podoconiosis, a neglected lymphatic tropical disease. Veins and Lymphatics, 2020, 9, .	0.1	1
125	Transmural pressure for conceptualisation of chronic venous insufficiency management. Phlebology, 2021, 36, 243-244.	0.6	1
126	A near-infrared spectroscopy-assisted test discriminates patients with peripheral arterial disease and venous insufficiency with changes of foot oxygenation following light elastic compression therapy. Vasa - European Journal of Vascular Medicine, 2019, 48, 361-367.	0.6	1

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127	Physical fitness changes induced by thermal aquatic standardized exercise in chronic venous disease patients. Phlebology, 2021, , 026835552110519.	0.6	1
128	Beyond the Patient's Report: Self-Reported, Subjective, Objective and Estimated Walking Disability in Patients with Peripheral Artery Disease. Diagnostics, 2021, 11, 1991.	1.3	1
129	Post-thrombotic syndrome in the Middle Age. Veins and Lymphatics, 2015, 4, .	0.1	0
130	Imaging the lymphatic system. Veins and Lymphatics, 2017, 6, .	0.1	0
131	In memory of Leonardo Corcos. Veins and Lymphatics, 2018, 7, .	0.1	O
132	Altered velocity gradient in lower limb chronic venous disease. Phlebology, 2019, 34, 17-24.	0.6	0
133	Vascular Biomarkers: Physics Parameters and Circulating Molecules Can Be Two Faces of the Same Coin. Diagnostics, 2021, 11, 217.	1.3	0