

Zoltan Ruzsa

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,732
citations

361413

20
h-index

315739

38
g-index

86
all docs

86
docs citations

86
times ranked

2296
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A novel fiber-optic based 0.014 ^{mm} pressure wire: Designs of the OptoWire [®] , development phases, and the first-in-man results. Catheterization and Cardiovascular Interventions, 2022, 99, 59-67. | 1.7 | 7 |
| 2 | TRIACCESS Study: Randomized Comparison Between Radial, Femoral, and Pedal Access for Percutaneous Femoro-popliteal Artery Angioplasty. Journal of Endovascular Therapy, 2022, 29, 215-225. | 1.5 | 4 |
| 3 | Distal versus conventional radial access for coronary angiography and intervention: Design and rationale of DISCO RADIAL study. American Heart Journal, 2022, 244, 19-30. | 2.7 | 13 |
| 4 | Distal Radial Secondary Access for Transcatheter Aortic Valve Implantation: The Minimalistic Approach. Cardiovascular Revascularization Medicine, 2022, 40, 152-157. | 0.8 | 15 |
| 5 | Cardiovascular disease detection using machine learning and carotid/femoral arterial imaging frameworks in rheumatoid arthritis patients. Rheumatology International, 2022, 42, 215-239. | 3.0 | 18 |
| 6 | A case report of COVID-19-associated acute hand ischaemia in a young professional volleyball player. European Heart Journal - Case Reports, 2022, 6, ytac099. | 0.6 | 2 |
| 7 | A Powerful Paradigm for Cardiovascular Risk Stratification Using Multiclass, Multi-Label, and Ensemble-Based Machine Learning Paradigms: A Narrative Review. Diagnostics, 2022, 12, 722. | 2.6 | 20 |
| 8 | Surgical Turned-Downed CHIP Cases—Can PCI Save the Day?. Frontiers in Cardiovascular Medicine, 2022, 9, 872398. | 2.4 | 16 |
| 9 | Hemostatic Patch for Accelerated Hemostasis After Transradial Procedures. JACC: Cardiovascular Interventions, 2022, 15, 820-822. | 2.9 | 1 |
| 10 | Bench test and in vivo evaluation of longitudinal stent deformation during proximal optimisation. EuroIntervention, 2022, 18, 83-90. | 3.2 | 9 |
| 11 | Impact of Clinical and Morphological Factors on Long-Term Mortality in Patients with Myocardial Bridge. Journal of Cardiovascular Development and Disease, 2022, 9, 129. | 1.6 | 3 |
| 12 | Switching From Proximal to Distal Radial Artery Access for Coronary Chronic Total Occlusion Recanalization. Frontiers in Cardiovascular Medicine, 2022, 9, . | 2.4 | 13 |
| 13 | Distal Versus Conventional Radial Access for Coronary Angiography and Intervention. JACC: Cardiovascular Interventions, 2022, 15, 1191-1201. | 2.9 | 49 |
| 14 | Distal radial access: No pain, no gain. Kardiologia Polska, 2022, 80, 633-634. | 0.6 | 0 |
| 15 | Eight pruning deep learning models for low storage and high-speed COVID-19 computed tomography lung segmentation and heatmap-based lesion localization: A multicenter study using COVLIAS 2.0. Computers in Biology and Medicine, 2022, 146, 105571. | 7.0 | 30 |
| 16 | Radial Artery Calcification in Predicting Coronary Calcification and Atherosclerosis Burden. Cardiology Research and Practice, 2022, 2022, 1-8. | 1.1 | 16 |
| 17 | Deep Learning Paradigm for Cardiovascular Disease/Stroke Risk Stratification in Parkinson's Disease Affected by COVID-19: A Narrative Review. Diagnostics, 2022, 12, 1543. | 2.6 | 7 |
| 18 | COVLIAS 2.0-cXAI: Cloud-Based Explainable Deep Learning System for COVID-19 Lesion Localization in Computed Tomography Scans. Diagnostics, 2022, 12, 1482. | 2.6 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Impact of Diabetes Mellitus on Early Clinical Outcome and Stent Restenosis after Carotid Artery Stenting. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-7. | 2.3 | 17 |
| 20 | Distal Radial Artery Access for Superficial Femoral Artery Interventions. <i>Journal of Endovascular Therapy</i> , 2021, 28, 255-261. | 1.5 | 17 |
| 21 | A Review on Joint Carotid Intima-Media Thickness and Plaque Area Measurement in Ultrasound for Cardiovascular/Stroke Risk Monitoring: Artificial Intelligence Framework. <i>Journal of Digital Imaging</i> , 2021, 34, 581-604. | 2.9 | 29 |
| 22 | Body mass index and long-term outcomes in patients with chronic total occlusions undergoing retrograde endovascular revascularization of the infra-inguinal lower limb arteries. <i>Cardiology Journal</i> , 2021, 28, 509-518. | 1.2 | 2 |
| 23 | COVLIAS 1.0: Lung Segmentation in COVID-19 Computed Tomography Scans Using Hybrid Deep Learning Artificial Intelligence Models. <i>Diagnostics</i> , 2021, 11, 1405. | 2.6 | 38 |
| 24 | Finding the optimal access for proximal upper limb artery (PULA) interventions: Lessons learned from the <sc>PULA</sc> multicenter registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1375-1382. | 1.7 | 1 |
| 25 | Inter-Variability Study of COVLIAS 1.0: Hybrid Deep Learning Models for COVID-19 Lung Segmentation in Computed Tomography. <i>Diagnostics</i> , 2021, 11, 2025. | 2.6 | 20 |
| 26 | Superficial temporal artery access for percutaneous coronary artery stenting during the COVID-19 pandemic: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa520. | 0.6 | 3 |
| 27 | Safety and feasibility of transradial aortic valve valvuloplasty (TRAV study). <i>Postepy W Kardiologii Interwencyjnej</i> , 2021, 17, 381-388. | 0.2 | 2 |
| 28 | Anatomical Assessment vs. Pullback REsting full-cycle rAtio (RFR) Measurement for Evaluation of Focal and Diffuse Coronary Disease: Rationale and Design of the "READY Register". <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 784220. | 2.4 | 5 |
| 29 | Distal Radial Artery Access for Coronary and Peripheral Procedures: A Multicenter Experience. <i>Journal of Clinical Medicine</i> , 2021, 10, 5974. | 2.4 | 16 |
| 30 | COVLIAS 1.0 vs. MedSeg: Artificial Intelligence-Based Comparative Study for Automated COVID-19 Computed Tomography Lung Segmentation in Italian and Croatian Cohorts. <i>Diagnostics</i> , 2021, 11, 2367. | 2.6 | 15 |
| 31 | Radial Approach for Left Gastric Artery Angiography and Embolization for the Treatment of Obesity: Technical Considerations. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 222-226. | 0.8 | 2 |
| 32 | Direct transpedal pressure measurement during transpedal below-the-knee interventions in critical limb ischemia. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 904-912. | 1.7 | 3 |
| 33 | Gender differences and long-term clinical outcomes in patients with chronic total occlusions of infrainguinal lower limb arteries treated from retrograde access with peripheral vascular interventions. <i>Advances in Medical Sciences</i> , 2020, 65, 197-201. | 2.1 | 11 |
| 34 | Low-cost preventive screening using carotid ultrasound in patients with diabetes. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 1132-1171. | 3.0 | 29 |
| 35 | Feasibility of distal radial access for carotid interventions: the RADCAR-DISTAL pilot study. <i>EuroIntervention</i> , 2020, 15, 1288-1290. | 3.2 | 15 |
| 36 | Initial evidence of a 50% reduction of contrast media using digital variance angiography in endovascular carotid interventions. <i>European Journal of Radiology Open</i> , 2020, 7, 100288. | 1.6 | 7 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Catheter directed thrombolytic therapy and aspiration thrombectomy in intermediate pulmonary embolism with long term results. <i>Cardiology Journal</i> , 2020, 27, 368-375. | 1.2 | 1 |
| 38 | Catheter directed thrombolytic therapy and aspiration thrombectomy in intermediate pulmonary embolism with long term results. <i>Cardiology Journal</i> , 2020, 27, 368-375. | 1.2 | 2 |
| 39 | Anti-cancer drugs-induced arterial injury: risk stratification, prevention, and treatment. <i>Medical Oncology</i> , 2019, 36, 72. | 2.5 | 4 |
| 40 | Predictors of mortality and outcomes after retrograde endovascular angioplasty in patients with peripheral artery disease. <i>Postępy W Kardiologii Interwencyjnej</i> , 2019, 15, 234-239. | 0.2 | 1 |
| 41 | Rational and design of the INtentional COronary revascularization versus conservative therapy in patients undergoing successful peripheRAL arTEry revascularization due to critical limb ischemia trial (INCORPORATE trial). <i>American Heart Journal</i> , 2019, 214, 107-112. | 2.7 | 1 |
| 42 | Functional hemodynamics assessment during endovascular Tibioâ€pedal retrograde intervention of peripheral arterial disease. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 256-263. | 1.7 | 3 |
| 43 | Impact of Coronary Artery Disease and Diabetes Mellitus on the Long-Term Follow-Up in Patients after Retrograde Recanalization of the Femoropopliteal Arterial Region. <i>Journal of Diabetes Research</i> , 2019, 1-6. | 2.3 | 8 |
| 44 | Platelet reactivity and clinical outcomes in acute coronary syndrome patients treated with prasugrel and clopidogrel: a pre-specified exploratory analysis from the TROPICAL-ACS trial. <i>European Heart Journal</i> , 2019, 40, 1942-1951. | 2.2 | 41 |
| 45 | Shortâ€and longâ€term results with a percutaneous treatment in critical hand ischaemia. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 1301-1310. | 1.7 | 10 |
| 46 | Kinetic Imaging in Lower Extremity Arteriography: Comparison to Digital Subtraction Angiography. <i>Radiology</i> , 2019, 290, 246-253. | 7.3 | 17 |
| 47 | Transradial left gastric artery embolization to treat severe obesity: A pilot study. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 365-370. | 1.7 | 25 |
| 48 | Comparison of Platelet Function Guided Versus Unguided Treatment With P2Y12 Inhibitors in Patients With Acute Myocardial Infarction (from the Hungarian Myocardial Infarction Registry). <i>American Journal of Cardiology</i> , 2018, 121, 1129-1137. | 1.6 | 11 |
| 49 | Fractional flow reserve in below the knee arteries with critical limb ischemia and validation against gold-standard morphologic, functional measures and long term clinical outcomes. <i>Cardiovascular Revascularization Medicine</i> , 2018, 19, 175-181. | 0.8 | 9 |
| 50 | Acute, total occlusion of the left main stem: coronary intervention options, outcomes, and recommendations. <i>Postępy W Kardiologii Interwencyjnej</i> , 2018, 14, 233-239. | 0.2 | 11 |
| 51 | Reply. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1787-1789. | 2.9 | 0 |
| 52 | Drug-Coated Balloon Treatment of Femoropopliteal Lesions for Patients With Intermittent Claudication and Ischemic Rest Pain. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 945-953. | 2.9 | 71 |
| 53 | Transradial versus tibiopedal access approach for endovascular intervention of superficial femoral artery chronic total occlusion. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1338-1344. | 1.7 | 15 |
| 54 | Combined Transradial and Transpedal Approach for Femoral Artery Interventions. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1062-1071. | 2.9 | 22 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Same-Day Discharge After Transradial Percutaneous Coronary Intervention and Carotid Stenting in a Single Session. <i>Canadian Journal of Cardiology</i> , 2017, 33, 830.e1-830.e3. | 1.7 | 3 |
| 56 | Transradial access for carotid artery interventions. <i>Journal of Indian College of Cardiology</i> , 2017, 7, S8-S15. | 0.1 | 0 |
| 57 | In vivo MRI and ex vivo histological assessment of the cardioprotection induced by ischemic preconditioning, postconditioning and remote conditioning in a closed-chest porcine model of reperfused acute myocardial infarction: importance of microvasculature. <i>Journal of Translational Medicine</i> , 2017, 15, 67. | 4.4 | 29 |
| 58 | Guided de-escalation of antiplatelet treatment in patients with acute coronary syndrome undergoing percutaneous coronary intervention (TROPICAL-ACS): a randomised, open-label, multicentre trial. <i>Lancet</i> , The, 2017, 390, 1747-1757. | 13.7 | 443 |
| 59 | Fractional flow reserve guided stenting of a myocardial bridge. <i>Anatolian Journal of Cardiology</i> , 2017, 17, 251-252. | 0.9 | 1 |
| 60 | Successful removal of entrapped Burr with sheathless guiding during stent rotablation. <i>Anatolian Journal of Cardiology</i> , 2017, 17, 156-157. | 0.9 | 1 |
| 61 | Underuse of coronary intervention and its impact on mortality in the elderly with myocardial infarction. A propensity-matched analysis from the Hungarian Myocardial Infarction Registry. <i>International Journal of Cardiology</i> , 2016, 214, 485-490. | 1.7 | 9 |
| 62 | Transradial and transulnar access for iliac artery interventions using sheathless guiding systems: A feasibility study. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 88, 923-931. | 1.7 | 20 |
| 63 | Impact of Center Experience on Patient Radiation Exposure During Transradial Coronary Angiography and Percutaneous Intervention: A Patientâ€level, International, Collaborative, Multiâ€Center Analysis. <i>Journal of the American Heart Association</i> , 2016, 5, . | 3.7 | 19 |
| 64 | Transradial/Transbrachial Carotid Artery Stenting With Proximal or Distal Protection. <i>Journal of Endovascular Therapy</i> , 2016, 23, 561-565. | 1.5 | 8 |
| 65 | Frequency of Miscarriage/Stillbirth and Terminations of Pregnancy Among Women With Congenital Heart Disease in Germany, Hungary and Japan. <i>Circulation Journal</i> , 2016, 80, 1846-1851. | 1.6 | 13 |
| 66 | Rotational atherectomy of undilatable coronary stents: stentablation, a clinical perspective and recommendation. <i>EuroIntervention</i> , 2016, 12, e632-e635. | 3.2 | 26 |
| 67 | Transradial Intravascular Ultrasound Guided Culotte Stenting with Zotarolimus Eluting Coronary Stents in Renal Artery Bifurcation Stenosis. <i>EJVES Short Reports</i> , 2015, 29, 21-24. | 0.7 | 0 |
| 68 | Clinical predictors of mortality following rotational atherectomy and stent implantation in highâ€risk patients: A single center experience. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 634-641. | 1.7 | 26 |
| 69 | Retrograde subintimal recanalization of a radial artery occlusion after coronary angiography using the palmar loop technique. <i>Cardiovascular Revascularization Medicine</i> , 2015, 16, 259-261. | 0.8 | 12 |
| 70 | Transpedal access after failed antegrade recanalization of complex belowâ€theâ€knee and femoropopliteal occlusions in critical limb ischemia. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 83, 997-1007. | 1.7 | 47 |
| 71 | Allenâ€™s test in patients with peripheral artery disease. <i>Open Medicine (Poland)</i> , 2014, 9, 34-39. | 1.3 | 1 |
| 72 | Transradial access for renal artery intervention. <i>Interventional Medicine & Applied Science</i> , 2014, 6, 97-103. | 0.2 | 21 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | A randomised comparison of transradial and transfemoral approach for carotid artery stenting: RADCAR (RADial access for CARotid artery stenting) study. <i>EuroIntervention</i> , 2014, 10, 381-391. | 3.2 | 108 |
| 74 | Culotte stenting with bioabsorbable everolimus-eluting stents. <i>International Journal of Cardiology</i> , 2013, 168, e35-e37. | 1.7 | 14 |
| 75 | Stent thrombosis due to stent fracture in heavily calcified right coronary artery. <i>Cor Et Vasa</i> , 2013, 55, e147-e150. | 0.1 | 0 |
| 76 | Long-term Clinical Follow-up after Drug-eluting Stent Implantation for Bare Metal In-stent Restenosis. <i>Journal of Interventional Cardiology</i> , 2013, 26, 271-277. | 1.2 | 1 |
| 77 | Catheter-induced Brachial Artery Dissection during Transradial Angioplasty. <i>Journal of Vascular Access</i> , 2013, 14, 392-393. | 0.9 | 8 |
| 78 | Retrograde transpedal stenting of the tibioperoneal trunk in critical limb ischemia. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 1105-1111. | 1.7 | 4 |
| 79 | Angiographically borderline left main coronary artery lesions: correlation of transthoracic doppler echocardiography and intravascular ultrasound: a pilot study. <i>Cardiovascular Ultrasound</i> , 2011, 9, 19. | 1.6 | 4 |
| 80 | Successful infliximab treatment in a patient with Takayasu arteritis associated with ulcerative colitis or migration does not override genetics. <i>Inflammatory Bowel Diseases</i> , 2011, 17, E69-E70. | 1.9 | 13 |
| 81 | Anterograde recanalisation of the radial artery followed by transradial angioplasty. <i>Cardiovascular Revascularization Medicine</i> , 2010, 11, 266.e1-266.e4. | 0.8 | 34 |
| 82 | Additional help to diagnose functionally significant left main coronary artery stenosis: doppler echocardiography. <i>Hellenic Journal of Cardiology</i> , 2010, 51, 540-3. | 1.0 | 0 |
| 83 | Five-year experience with transradial coronary angioplasty in ST-segment-elevation myocardial infarction. <i>Cardiovascular Revascularization Medicine</i> , 2009, 10, 73-79. | 0.8 | 21 |
| 84 | Report on initial experience with transradial access for carotid artery stenting. <i>Journal of Vascular Surgery</i> , 2007, 45, 1136-1141. | 1.1 | 52 |
| 85 | Hypercholesterolemia Attenuates the Anti-ischemic Effect of Preconditioning During Coronary Angioplasty. <i>Chest</i> , 2005, 128, 1623-1628. | 0.8 | 64 |