

Imre Benedek

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

881
citations

687363

13
h-index

477307

29
g-index

52
all docs

52
docs citations

52
times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-Analysis of Cell-based CaRdiac stUdiEs (ACCRUE) in Patients With Acute Myocardial Infarction Based on Individual Patient Data. <i>Circulation Research</i> , 2015, 116, 1346-1360.	4.5	270
2	Combined delivery approach of bone marrow mononuclear stem cells early and late after myocardial infarction: the MYSTAR prospective, randomized study. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2009, 6, 70-81.	3.3	118
3	Cell therapy for human ischemic heart diseases: Critical review and summary of the clinical experiences. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 75, 12-24.	1.9	75
4	Stem cell-derived exosomes - an emerging tool for myocardial regeneration. <i>World Journal of Stem Cells</i> , 2018, 10, 106-115.	2.8	56
5	Multislice Computed Tomographic Coronary Angiography for Quantitative Assessment of Culprit Lesions in Acute Coronary Syndromes. <i>Canadian Journal of Cardiology</i> , 2013, 29, 364-371.	1.7	52
6	Design and rationale for the Myocardial Stem Cell Administration After Acute Myocardial Infarction (MYSTAR) Study: A multicenter, prospective, randomized, single-blind trial comparing early and late intracoronary or combined (percutaneous intramyocardial and intracoronary) administration of nonselected autologous bone marrow cells to patients after acute myocardial infarction. <i>American Heart Journal</i> , 2007, 153, 212.e1-212.e7.	2.7	48
7	Plaque Quantification by Coronary CT and Intravascular Ultrasound Identifies a Low CT Density Core as a Marker of Plaque Instability in Acute Coronary Syndromes. <i>International Heart Journal</i> , 2014, 55, 22-28.	1.0	35
8	Computed tomography versus invasive coronary angiography: design and methods of the pragmatic randomised multicentre DISCHARGE trial. <i>European Radiology</i> , 2017, 27, 2957-2968.	4.5	33
9	A prospective regional registry of ST-elevation myocardial infarction in Central Romania: Impact of the Stent for Life Initiative recommendations on patient outcomes. <i>American Heart Journal</i> , 2013, 166, 457-465.	2.7	23
10	Hypoxia-Inducible Factor 1-Alpha Release After Intracoronary Versus Intramyocardial Stem Cell Therapy in Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 114-121.	2.4	20
11	Intracoronary Infusion of Mononuclear Bone Marrow-Derived Stem Cells is Associated with a Lower Plaque Burden After Four Years. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014, 21, 217-229.	2.0	18
12	From CT to artificial intelligence for complex assessment of plaque-associated risk. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2403-2427.	1.5	16
13	Health-related quality of life, angina type and coronary artery disease in patients with stable chest pain. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 140.	2.4	14
14	Delayed Recovery of Myocardial Blood Flow After Intracoronary Stem Cell Administration. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 616-623.	5.6	11
15	Original research. The Assessment of Epicardial Adipose Tissue in Acute Coronary Syndrome Patients. A Systematic Review. <i>Journal of Cardiovascular Emergencies</i> , 2017, 3, 18-29.	0.2	9
16	Right Ventricle Remodeling and Function in Scleroderma Patients. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	9
17	Stem Cell Therapy in Wound Healing. <i>Journal of Interdisciplinary Medicine</i> , 2017, 2, 20-24.	0.1	8
18	Imaging Cardiovascular Inflammation in the COVID-19 Era. <i>Diagnostics</i> , 2021, 11, 1114.	2.6	8

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19	Impact of inflammation-mediated response on pan-coronary plaque vulnerability, myocardial viability and ventricular remodeling in the postinfarction period - the VIABILITY study. <i>Medicine (United States)</i> , 2019, 98, e15194.	1.0	6
20	Impact of coronary plaque geometry on plaque vulnerability and its association with the risk of future cardiovascular events in patients with chest pain undergoing coronary computed tomographic angiography—the GEOMETRY study. <i>Medicine (United States)</i> , 2018, 97, e13498.	1.0	5
21	Computed Tomography Biomarkers of Vulnerable Coronary Plaques. <i>Journal of Interdisciplinary Medicine</i> , 2016, 1, 263-266.	0.1	5
22	Aneurysmal aorto-left ventricular tunnel causing right ventricular outflow tract obstruction, associated with bicuspid aortic valve. <i>Heart and Vessels</i> , 2015, 30, 140-142.	1.2	4
23	Coronary Plaque Geometry and Thoracic Fat Distribution in Patients with Acute Chest Pain – a CT Angiography Study. <i>Journal of Cardiovascular Emergencies</i> , 2019, 5, 18-24.	0.2	4
24	Giant mycotic pulmonary artery aneurysms in a newborn. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 885-885.	1.2	3
25	Pilot study of the multicentre DISCHARGE Trial: image quality and protocol adherence results of computed tomography and invasive coronary angiography. <i>European Radiology</i> , 2020, 30, 1997-2009.	4.5	3
26	Morphological Features and Plaque Composition in Culprit Atheromatous Plaques of Patients with Acute Coronary Syndromes. <i>Journal of Cardiovascular Emergencies</i> , 2018, 4, 84-94.	0.2	3
27	CTA Evaluation of Bioresorbable Scaffolds versus Metallic Coronary Stents – a Feasibility Study. <i>Journal of Interdisciplinary Medicine</i> , 2018, 3, 152-159.	0.1	3
28	Correlations between severity of coronary atherosclerosis and persistent elevation of circulating C-reactive protein levels 30 days after an acute myocardial infarction. <i>Romanian Journal of Laboratory Medicine</i> , 2014, 22, .	0.2	3
29	Giant aneurysm of the Valsalva sinus associated with multiple coronary artery aneurysms and patent ductus arteriosus. <i>European Heart Journal</i> , 2014, 35, 690-690.	2.2	2
30	Disappearance of Idiopathic Outflow Tract Premature Ventricular Contractions After Catheter Ablation of Overt Accessory Pathways. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 78-84.	1.7	2
31	Stem Cell Therapies in Peripheral Vascular Diseases – Current Status. <i>Journal of Interdisciplinary Medicine</i> , 2017, 2, 12-19.	0.1	2
32	Impact of COVID-19 Pandemic on STEMI Networks in Central Romania. <i>Life</i> , 2021, 11, 1004.	2.4	2
33	Therapeutic Angiogenesis for Severely Ischemic Limbs – from Bench to Bedside in Acute Vascular Care. <i>Journal of Cardiovascular Emergencies</i> , 2017, 3, 160-171.	0.2	2
34	Transluminal Attenuation Gradient for the Noninvasive Assessment of Functional Significance in Coronary Artery Stenoses. <i>Journal of Interdisciplinary Medicine</i> , 2016, 1, 267-270.	0.1	2
35	High-Risk Coronary Plaques Complicated with Acute Coronary Syndrome in Young Patients. <i>Journal of Interdisciplinary Medicine</i> , 2017, 2, 150-154.	0.1	2
36	Response to Fragmented QRS Complex Predicts Contrast-Induced Nephropathy and In-Hospital Mortality After Primary Percutaneous Coronary Intervention in Patients With ST-Segment Elevation Myocardial Infarction. <i>Clinical Cardiology</i> , 2017, 40, 1174-1175.	1.8	1

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37	The Napkin-Ring Sign â€” the Story Behind Invasive Coronary Angiography. <i>Journal of Interdisciplinary Medicine</i> , 2021, 6, 8-14.	0.1	1
38	Computed Tomographic Assessment of Coronary Arteries in Patients Undergoing Stem Cell Therapy Following an Acute Myocardial Infarction. <i>Journal of Interdisciplinary Medicine</i> , 2017, 2, 136-139.	0.1	1
39	Original Research. Transluminal Contrast Attenuation Gradient Is Associated with Coronary Plaque Vulnerability â€” a Computed Tomography Angiography-based Study. <i>Journal of Cardiovascular Emergencies</i> , 2017, 3, 121-127.	0.2	1
40	CTA Assessment of Coronary Atherosclerotic Plaque Evolution after BVS Implantation â€” a Follow-up Study. <i>Journal of Interdisciplinary Medicine</i> , 2018, 3, 186-195.	0.1	1
41	Selection of Target Area for Interventional and Cell Therapy after Myocardial Infarction Using 3d Echocardiography. , 2008, , .		0
42	Regional Networking for Decreasing Mortality in Acute Coronary Syndromes on a Target Population of 1 Million Inhabitants. , 2008, , .		0
43	Response to Relationship of Race/Ethnicity With Doorâ€”toâ€”Balloon Time and Mortality in Patients Undergoing Primary Percutaneous Coronary Intervention for STâ€”Elevation Myocardial Infarction: Findings From Get With the Guidelinesâ€”Coronary Artery Diseases. <i>Clinical Cardiology</i> , 2014, 37, 322-323.	1.8	0
44	â€”Treatment of Small Vessel Disease With the Paclitaxel Drugâ€”Eluting Balloonâ€”Is the Target Lesion the Culprit One?. <i>Journal of Interventional Cardiology</i> , 2015, 28, 614-614.	1.2	0
45	Response to the Paper by Jiang et al. Entitled 'Prognostic Value of Cardiac Computed Tomography Angiography in Patients with Suspected Coronary Artery Disease: A Meta-Analysis'. <i>Cardiology</i> , 2015, 130, 15-16.	1.4	0
46	Factors Associated with Development of in Coronary Stent Restenosis â€” the Results of a Multislice Computed Tomography 1-year Follow-up Study. <i>Journal of Interdisciplinary Medicine</i> , 2016, 1, 37-41.	0.1	0
47	Site-specific Phenotype of Atherosclerotic Lesions According to Their Location Within the Coronary Tree â€” a CCTA-based Study of Vulnerable Plaques. <i>Journal of Cardiovascular Emergencies</i> , 2021, 7, 39-46.	0.2	0
48	Correlations Between the Contrast Density Gradient along the Coronary Stents and Functional Significance of In-stent Restenosis. <i>Journal of Interdisciplinary Medicine</i> , 2016, 1, 79-82.	0.1	0
49	Time Delays in Acute Myocardial Infarction â€” the Gender Perspective. <i>Journal of Cardiovascular Emergencies</i> , 2018, 4, 63-64.	0.2	0
50	Association of Coronary Wall Shear Stress With Atheromatous Plaque Vulnerability: A Systematic Review. <i>Central European Journal of Clinical Research</i> , 2018, 1, 12-27.	0.3	0
51	Intracoronary Imaging for Assessment of Vascular Healing and Stent Follow-up in Bioresorbable Vascular Scaffolds. <i>Current Medical Imaging</i> , 2020, 16, 123-134.	0.8	0
52	For the Good Times. <i>Journal of Cardiovascular Emergencies</i> , 2020, 6, 48-49.	0.2	0