

Amish N Raval

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7545327/publications.pdf>

Version: 2024-02-01

53
papers

1,037
citations

516561

16
h-index

434063

31
g-index

54
all docs

54
docs citations

54
times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	Dare to dream? Cell-based therapies for heart failure after DREAM-HF: Review and roadmap for future clinical study. <i>American Heart Journal Plus</i> , 2022, 13, 100118.	0.3	0
2	Clinical Safety Profile of Transendocardial Catheter Injection Systems: A Plea for Uniform Reporting. <i>Cardiovascular Revascularization Medicine</i> , 2021, 22, 100-108.	0.3	5
3	Point of care, bone marrow mononuclear cell therapy in ischemic heart failure patients personalized for cell potency: 12-month feasibility results from CardiAMP heart failure roll-in cohort. <i>International Journal of Cardiology</i> , 2021, 326, 131-138.	0.8	13
4	The Prognosis of Elderly Patients with Aortic Stenosis after Transcatheter Aortic Valve Replacement. <i>Internal Medicine</i> , 2021, 60, 517-523.	0.3	4
5	Cultured cardiac fibroblasts and myofibroblasts express Sushi Containing Domain 2 and assemble a unique fibronectin rich matrix. <i>Experimental Cell Research</i> , 2021, 399, 112489.	1.2	4
6	Technical and clinical study of x-ray-based surface echo probe tracking using an attached fiducial apparatus. <i>Medical Physics</i> , 2021, 48, 2528-2542.	1.6	1
7	Macrophage Response to Biomaterials in Cardiovascular Applications. , 2021, , 81-92.		0
8	Induced cardiac progenitor cells repopulate decellularized mouse heart scaffolds and differentiate to generate cardiac tissue. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118559.	1.9	21
9	Cardiac fibroblast derived matrix-educated macrophages express VEGF and IL-6, and recruit mesenchymal stromal cells. <i>Journal of Immunology and Regenerative Medicine</i> , 2020, 10, 100033.	0.2	8
10	The impact of increased pulmonary arterial pressure on outcomes after transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E723-E734.	0.7	10
11	Propelling ST-segment elevation myocardial infarction systems of care into the air. <i>Kardiologia Polska</i> , 2020, 78, 265-266.	0.3	0
12	Cell Therapy Strategies With No Safety Concerns and Demonstrated Benefits Warrant Study. <i>Circulation Journal</i> , 2020, 84, 2120-2121.	0.7	0
13	Macrophages Educated with Exosomes from Primed Mesenchymal Stem Cells Treat Acute Radiation Syndrome by Promoting Hematopoietic Recovery. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 2124-2133.	2.0	40
14	It hurts to swallow! Pseudoachalasia resulting from attempted transcatheter occlusion of a giant congenital coronary artery fistula. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 980-983.	0.7	0
15	Impact of statins on cellular respiration and de-differentiation of myofibroblasts in human failing hearts. <i>ESC Heart Failure</i> , 2019, 6, 1027-1040.	1.4	18
16	Functional cardiac fibroblasts derived from human pluripotent stem cells via second heart field progenitors. <i>Nature Communications</i> , 2019, 10, 2238.	5.8	125
17	Transcatheter aortic valve replacement in patients with anomalous left circumflex coronary artery. <i>Journal of Cardiac Surgery</i> , 2019, 34, 503-505.	0.3	7
18	The CardiAMP Heart Failure trial: A randomized controlled pivotal trial of high-dose autologous bone marrow mononuclear cells using the CardiAMP cell therapy system in patients with post-myocardial infarction heart failure: Trial rationale and study design. <i>American Heart Journal</i> , 2018, 201, 141-148.	1.2	22

#	ARTICLE	IF	CITATIONS
19	A dynamic model-based approach to motion and deformation tracking of prosthetic valves from biplane x-ray images. <i>Medical Physics</i> , 2018, 45, 2583-2594.	1.6	8
20	Improving the cardiac cath-lab interventional imaging eco-system. <i>Translational Pediatrics</i> , 2018, 7, 1-4.	0.5	2
21	Clinical Trial Design for Investigational Cardio-Regenerative Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1098, 199-211.	0.8	0
22	Not All Stem Cells Are Created Equal. <i>Circulation Research</i> , 2018, 123, 944-946.	2.0	10
23	Outcomes of Physician-Staffed Versus Non-Physician-Staffed Helicopter Transport for ST-Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	10
24	Localization of cardiac volume and patient features in inverse geometry x-ray fluoroscopy. , 2017, 10132, .		0
25	Off-Pump Transapical Removal of An Embolized Transcatheter Aortic Valve. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 221-223.	0.4	0
26	Recurrent severe aortic stenosis one year after transcatheter aortic valve-in-valve implantation: Successful treatment with balloon aortic valvuloplasty. <i>Journal of Cardiology Cases</i> , 2016, 14, 35-37.	0.2	1
27	Biodistribution and Clearance of Human Mesenchymal Stem Cells by Quantitative Three-Dimensional Cryo-Imaging After Intravenous Infusion in a Rat Lung Injury Model. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1668-1675.	1.6	47
28	Dynamic tracking of prosthetic valve motion and deformation from bi-plane x-ray views: feasibility study. <i>Proceedings of SPIE</i> , 2016, 9786, .	0.8	1
29	Real-time pose estimation of devices from x-ray images: Application to x-ray/echo registration for cardiac interventions. <i>Medical Image Analysis</i> , 2016, 34, 101-108.	7.0	16
30	Cardiopulmonary and histological characterization of an acute rat lung injury model demonstrating safety of mesenchymal stromal cell infusion. <i>Cytotherapy</i> , 2016, 18, 536-545.	0.3	9
31	Percutaneous mechanical assist for severe cardiogenic shock due to acute right ventricular failure. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 1082-1087.	0.7	2
32	Depth-resolved registration of transesophageal echo to x-ray fluoroscopy using an inverse geometry fluoroscopy system. <i>Medical Physics</i> , 2015, 42, 7022-7033.	1.6	3
33	Detector, collimator and real-time reconstructor for a new scanning-beam digital x-ray (SBDX) prototype. , 2015, 9412, .		12
34	Intravenous Followed by X-ray Fused with MRI-Guided Transendocardial Mesenchymal Stem Cell Injection Improves Contractility Reserve in a Swine Model of Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 438-448.	1.1	14
35	Low dose dynamic CT myocardial perfusion imaging using a statistical iterative reconstruction method. <i>Medical Physics</i> , 2014, 41, 071914.	1.6	26
36	Calibration-free coronary artery measurements for interventional device sizing using inverse geometry x-ray fluoroscopy: <i>in vivo</i> validation. <i>Journal of Medical Imaging</i> , 2014, 1, 033504.	0.8	8

#	ARTICLE	IF	CITATIONS
37	Calibration-free coronary artery measurements for interventional device sizing using inverse geometry x-ray fluoroscopy: <i>in vivo</i> validation. Proceedings of SPIE, 2014, 9033, 90332H.	0.8	1
38	Cardiac Fibroblast-Derived 3D Extracellular Matrix Seeded with Mesenchymal Stem Cells as a Novel Device to Transfer Cells to the Ischemic Myocardium. Cardiovascular Engineering and Technology, 2014, 5, 119-131.	0.7	48
39	Bilateral administration of autologous CD133+ cells in ambulatory patients with refractory critical limb ischemia: lessons learned from a pilot randomized, double-blind, placebo-controlled trial. Cytotherapy, 2014, 16, 1720-1732.	0.3	41
40	Induced Pluripotent Stem Cells for Post-Myocardial Infarction Repair. Circulation Research, 2014, 114, 1328-1345.	2.0	119
41	MRI-3D ultrasound-X-ray image fusion with electromagnetic tracking for transendocardial therapeutic injections: In-vitro validation and in-vivo feasibility. Computerized Medical Imaging and Graphics, 2013, 37, 162-173.	3.5	19
42	Patient preferences for coronary artery bypass graft surgery or percutaneous intervention in multivessel coronary artery disease. Catheterization and Cardiovascular Interventions, 2013, 82, 212-218.	0.7	55
43	Multimodality image fusion to guide peripheral artery chronic total arterial occlusion recanalization in a swine carotid artery occlusion model: Unblinding the interventionalist. Catheterization and Cardiovascular Interventions, 2012, 80, 1090-1098.	0.7	9
44	Pre PCI hospital antithrombotic therapy for ST elevation myocardial infarction: striving for consensus. Journal of Thrombosis and Thrombolysis, 2012, 34, 20-30.	1.0	2
45	Targeted transendocardial therapeutic delivery guided by MRI-X-ray image fusion. Catheterization and Cardiovascular Interventions, 2011, 78, 468-478.	0.7	19
46	Percutaneous revascularization of subclavian artery chronic occlusion with dual cerebral artery protection. Catheterization and Cardiovascular Interventions, 2008, 71, 992-994.	0.7	9
47	Cellular therapies for heart disease: Unveiling the ethical and public policy challenges. Journal of Molecular and Cellular Cardiology, 2008, 45, 593-601.	0.9	14
48	Therapeutic Potential of Adult Progenitor Cells in the Management of Chronic Myocardial Ischemia. American Journal of Cardiovascular Drugs, 2008, 8, 315-326.	1.0	9
49	Intracoronary infusion of autologous mononuclear cells from bone marrow or granulocyte colony-stimulating factor-mobilized apheresis product may not improve remodelling, contractile function, perfusion, or infarct size in a swine model of large myocardial infarction. European Heart Journal, 2008, 29, 1772-1782.	1.0	37
50	Technology preview: X-ray fused with magnetic resonance during invasive cardiovascular procedures. Catheterization and Cardiovascular Interventions, 2007, 70, 773-782.	0.7	62
51	High-resolution 3D arteriography of chronic total peripheral occlusions using a T1-W turbo spin-echo sequence with inner-volume imaging. Magnetic Resonance in Medicine, 2007, 57, 40-49.	1.9	11
52	X-Ray Fused With Magnetic Resonance Imaging (XFM) to Target Endomyocardial Injections. Circulation, 2006, 114, 2342-2350.	1.6	72
53	Real-Time Magnetic Resonance Imaging-Guided Endovascular Recanalization of Chronic Total Arterial Occlusion in a Swine Model. Circulation, 2006, 113, 1101-1107.	1.6	62