

Amit N Patel

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

6,096
citations

126907

33
h-index

133252

59
g-index

69
all docs

69
docs citations

69
times ranked

10018
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular Disease, Drug Therapy, and Mortality in Covid-19. <i>New England Journal of Medicine</i> , 2020, 382, e102.	27.0	925
2	Multipotent Menstrual Blood Stromal Stem Cells: Isolation, Characterization, and Differentiation. <i>Cell Transplantation</i> , 2008, 17, 303-311.	2.5	323
3	Safety and Efficacy of the Intravenous Infusion of Umbilical Cord Mesenchymal Stem Cells in Patients With Heart Failure. <i>Circulation Research</i> , 2017, 121, 1192-1204.	4.5	319
4	Surgical treatment for congestive heart failure with autologous adult stem cell transplantation: A prospective randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 1631-1638.e2.	0.8	262
5	First-in-Man Study of a Cardiac Extracellular Matrix Hydrogel in Early and Late Myocardial Infarction Patients. <i>JACC Basic To Translational Science</i> , 2019, 4, 659-669.	4.1	183
6	Surgery Remains the Most Effective Treatment for Paget-Schroetter Syndrome: 50 Years' Experience. <i>Annals of Thoracic Surgery</i> , 2008, 86, 254-260.	1.3	167
7	Changes in ventricular remodelling and clinical status during the year following a single administration of stromal cell-derived factor-1 non-viral gene therapy in chronic ischaemic heart failure patients: the STOP-HF randomized Phase II trial. <i>European Heart Journal</i> , 2015, 36, 2228-2238.	2.2	144
8	Mesenchymal stem cells as anti-inflammatories: Implications for treatment of Duchenne muscular dystrophy. <i>Cellular Immunology</i> , 2010, 260, 75-82.	3.0	143
9	Allogeneic endometrial regenerative cells: An "Off the shelf solution" for critical limb ischemia?. <i>Journal of Translational Medicine</i> , 2008, 6, 45.	4.4	142
10	Ixmyelocel-T for patients with ischaemic heart failure: a prospective randomised double-blind trial. <i>Lancet</i> , The, 2016, 387, 2412-2421.	13.7	134
11	Cell surface engineering to enhance mesenchymal stem cell migration toward an SDF-1 gradient. <i>Biomaterials</i> , 2014, 35, 5627-5635.	11.4	131
12	Paget-Schroetter syndrome therapy: failure of intravenous stents. <i>Annals of Thoracic Surgery</i> , 2003, 75, 1693-1696.	1.3	125
13	Feasibility investigation of allogeneic endometrial regenerative cells. <i>Journal of Translational Medicine</i> , 2009, 7, 15.	4.4	110
14	Intracoronary Gene Transfer of Adenylyl Cyclase 6 in Patients With Heart Failure. <i>JAMA Cardiology</i> , 2016, 1, 163.	6.1	100
15	The role of amputation as an outcome measure in cellular therapy for critical limb ischemia: implications for clinical trial design. <i>Journal of Translational Medicine</i> , 2011, 9, 165.	4.4	85
16	Endometrial regenerative cells for treatment of heart failure: a new stem cell enters the clinic. <i>Journal of Translational Medicine</i> , 2013, 11, 56.	4.4	76
17	Endoscopic radial artery harvesting is better than the open technique. <i>Annals of Thoracic Surgery</i> , 2004, 78, 149-153.	1.3	70
18	Safety and Efficacy of Autologous Cell Therapy in Critical Limb Ischemia: A Systematic Review. <i>Cell Transplantation</i> , 2013, 22, 545-562.	2.5	68

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19	Evaluation of autologous platelet rich plasma for cardiac surgery: outcome analysis of 2000 patients. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 62.	1.1	65
20	Metabolically Active Human Brown Adipose Tissue Derived Stem Cells. <i>Stem Cells</i> , 2014, 32, 572-581.	3.2	59
21	Electrostimulation induces cardiomyocyte predifferentiation of fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 450-455.	2.1	56
22	Safety and Efficacy of Ixmyelocel-T. <i>Circulation Research</i> , 2014, 115, 730-737.	4.5	56
23	Potential clinical applications of adult human mesenchymal stem cell (Prochymal®) therapy. <i>Stem Cells and Cloning: Advances and Applications</i> , 2011, 4, 61.	2.3	55
24	Mesenchymal Stem Cell Population Isolated from the Subepithelial Layer of Umbilical Cord Tissue. <i>Cell Transplantation</i> , 2013, 22, 513-519.	2.5	51
25	Inhibition of intracranial glioma growth by endometrial regenerative cells. <i>Cell Cycle</i> , 2009, 8, 606-610.	2.6	47
26	Successful diagnosis of penetrating cardiac injury using surgeon-performed sonography. <i>Annals of Thoracic Surgery</i> , 2003, 76, 2043-2047.	1.3	41
27	Combination stem cell therapy for heart failure. <i>International Archive of Medicine</i> , 2010, 3, 5.	1.2	38
28	REVIVE Trial: Retrograde Delivery of Autologous Bone Marrow in Patients With Heart Failure. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1021-1027.	3.3	35
29	Prospective analysis of endoscopic vein harvesting. <i>American Journal of Surgery</i> , 2001, 182, 716-719.	1.8	34
30	Menstrual blood stromal cells: the potential for regenerative medicine. <i>Regenerative Medicine</i> , 2008, 3, 443-444.	1.7	34
31	Improved Cell Survival in Infarcted Myocardium Using a Novel Combination Transmyocardial Laser and Cell Delivery System. <i>Cell Transplantation</i> , 2007, 16, 899-905.	2.5	31
32	Scalable efficient expansion of mesenchymal stem cells in xeno free media using commercially available reagents. <i>Journal of Translational Medicine</i> , 2015, 13, 232.	4.4	26
33	Electrostimulated bone marrow human mesenchymal stem cells produce follistatin. <i>Cytotherapy</i> , 2009, 11, 448-456.	0.7	23
34	Cancer anti-angiogenesis vaccines: Is the tumor vasculature antigenically unique?. <i>Journal of Translational Medicine</i> , 2015, 13, 340.	4.4	23
35	Experimental support for the effects of a probiotic/digestive enzyme supplement on serum cholesterol concentrations and the intestinal microbiome. <i>Journal of Translational Medicine</i> , 2016, 14, 184.	4.4	19
36	Stem Cell Therapy for Heart Failure. <i>Heart Failure Clinics</i> , 2015, 11, 275-286.	2.1	18

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37	Clinical benefits of leukocyte filtration during valve surgery. American Journal of Surgery, 2003, 186, 636-640.	1.8	16
38	Design of a Phase 3 trial of intracoronary administration of human adenovirus 5 encoding human adenylyl cyclase type 6 (RT-100) gene transfer in patients with heart failure with reduced left ventricular ejection fraction: The FLOURISH Clinical Trial. American Heart Journal, 2018, 201, 111-116.	2.7	16
39	The Impact of an Advanced ECMO Program on Traumatically Injured Patients. Artificial Organs, 2018, 42, 1043-1051.	1.9	15
40	The ixCELL-DCM Trial: Rationale and Design. Cell Transplantation, 2016, 25, 1689-1699.	2.5	13
41	RESCUE-HF Trial: Retrograde Delivery of Allogeneic Umbilical Cord Lining Subepithelial Cells in Patients with Heart Failure. Cell Transplantation, 2016, 25, 1713-1721.	2.5	13
42	Evaluation of Multiple Biological Therapies for Ischemic Cardiac Disease. Cell Transplantation, 2016, 25, 1591-1607.	2.5	12
43	Epicardial atrial defibrillation: successful treatment of postoperative atrial fibrillation. Annals of Thoracic Surgery, 2004, 77, 831-837.	1.3	11
44	Intracavernous administration of bone marrow mononuclear cells: a new method of treating erectile dysfunction?. Journal of Translational Medicine, 2013, 11, 139.	4.4	11
45	Putative Population of Adipose-Derived Stem Cells Isolated from Mediastinal Tissue during Cardiac Surgery. Cell Transplantation, 2013, 22, 507-511.	2.5	10
46	Phase I and registry study of autologous bone marrow concentrate evaluated in PDE5 inhibitor refractory erectile dysfunction. Journal of Translational Medicine, 2020, 18, 24.	4.4	10
47	Surgical Management of Esophageal Carcinoma. Baylor University Medical Center Proceedings, 2003, 16, 280-284.	0.5	9
48	Cardiac Stem Cell Therapy: Advances from 2008. Cell Transplantation, 2009, 18, 243-244.	2.5	9
49	Induction of tumor inhibitory anti-angiogenic response through immunization with interferon Gamma primed placental endothelial cells: ValloVax®,. Journal of Translational Medicine, 2015, 13, 90.	4.4	8
50	Carotid Artery Stenosis in the Setting of Transcatheter Aortic Valve Replacement: Clinical and Technical Considerations of Carotid Stenting. World Neurosurgery, 2016, 86, 194-198.	1.3	8
51	Use of General Anesthetic Only Vs General Anesthetic Combined with Paravertebral Block for Perioperative Pain Management After First Rib Resection. Baylor University Medical Center Proceedings, 2002, 15, 374-375.	0.5	7
52	In Situ Electrostimulation Drives a Regenerative Shift in the Zone of Infarcted Myocardium. Cell Transplantation, 2013, 22, 493-503.	2.5	5
53	Novel xeno-free human heart matrix-derived three-dimensional scaffolds. Journal of Translational Medicine, 2015, 13, 194.	4.4	5
54	Safety of targeting tumor endothelial cell antigens. Journal of Translational Medicine, 2016, 14, 90.	4.4	5

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55	Anatomy and Pathophysiology of VTOS. , 2013, , 339-343.		4
56	Patient Selection and Technical Considerations for Off-Pump Coronary Surgery. Baylor University Medical Center Proceedings, 2003, 16, 291-293.	0.5	2
57	Mesenchymal Stem Cells. , 2016, , 139-150.		2
58	Catheter-based retrograde coronary sinus infusion is a practical delivery technique for introducing biological molecules into the cardiac system. Catheterization and Cardiovascular Interventions, 2019, 94, 669-676.	1.7	1
59	Anatomy and Pathophysiology of Venous Thoracic Outlet Syndrome. , 2021, , 487-494.		1
60	Advances in Cardiovascular Cell Therapy. Cell Transplantation, 2013, 22, 505-505.	2.5	0
61	Cardiovascular Regenerative Cell Therapy Using Umbilical Cord and Endometrial Cells. , 2016, , 225-231.		0
62	Advances in Cardiac Biological Therapies 2016. Cell Transplantation, 2016, 25, 1589-1589.	2.5	0
63	TRANSAXILLARY FIRST RIB RESECTION FOR THORACIC OUTLET SYNDROME (WITH DORSAL SYMPATHECTOMY). , 2008, , 1355-1359.		0
64	Stem Cell Therapy for Heart Failure Using Cord Blood. , 2011, , 221-236.		0
65	Trans-Carotid Placement of Balloon Expandable Covered Stent for Unplanned Left Carotid Coverage during Endovascular Repair of Distal Arch Aneurysm. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 209-211.	0.9	0