

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	Anatomy and Pathophysiology of Venous Thoracic Outlet Syndrome. , 2021, , 487-494.		1
2	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
3	Cardiovascular Disease, Drug Therapy, and Mortality in Covid-19. New England Journal of Medicine, 2020, 382, e102.	27.0	925
4	First-in-Man Study of a Cardiac Extracellular Matrix Hydrogel in Early and Late Myocardial Infarction Patients. JACC Basic To Translational Science, 2019, 4, 659-669.	4.1	183
5	Catheterâ€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
6	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
7	The Impact of an Advanced ECMO Program on Traumatically Injured Patients. Artificial Organs, 2018, 42, 1043-1051.	1.9	15
8	Safety and Efficacy of the Intravenous Infusion of Umbilical Cord Mesenchymal Stem Cells in Patients With Heart Failure. Circulation Research, 2017, 121, 1192-1204.	4.5	319
9	Mesenchymal Stem Cells. , 2016, , 139-150.		2
10	Cardiovascular Regenerative Cell Therapy Using Umbilical Cord and Endometrial Cells. , 2016, , 225-231.		0
11	Evaluation of Multiple Biological Therapies for Ischemic Cardiac Disease. Cell Transplantation, 2016, 25, 1591-1607.	2.5	12
12	Advances in Cardiac Biological Therapies 2016. Cell Transplantation, 2016, 25, 1589-1589.	2.5	0
13	Experimental support for the effects of a probiotic/digestive enzyme supplement on serum cholesterol concentrations and the intestinal microbiome. Journal of Translational Medicine, 2016, 14, 184.	4.4	19
14	Intracoronary Gene Transfer of Adenylyl Cyclase 6 in Patients With Heart Failure. JAMA Cardiology, 2016, 1, 163.	6.1	100
15	lxmyelocel-T for patients with ischaemic heart failure: a prospective randomised double-blind trial. Lancet, The, 2016, 387, 2412-2421.	13.7	134
16	The ixCELL-DCM Trial: Rationale and Design. Cell Transplantation, 2016, 25, 1689-1699.	2.5	13
17	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
18	Safety of targeting tumor endothelial cell antigens. Journal of Translational Medicine, 2016, 14, 90.	4.4	5

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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	Carotid Artery Stenosis in the Setting of Transcatheter Aortic Valve Replacement: Clinical and Technical Considerations of Carotid Stenting. <i>World Neurosurgery</i> , 2016, 86, 194-198.	1.3	8
21	Novel xeno-free human heart matrix-derived three-dimensional scaffolds. <i>Journal of Translational Medicine</i> , 2015, 13, 194.	4.4	5
22	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
23	Stem Cell Therapy for Heart Failure. <i>Heart Failure Clinics</i> , 2015, 11, 275-286.	2.1	18
24	Induction of tumor inhibitory anti-angiogenic response through immunization with interferon Gamma primed placental endothelial cells: ValloVaxâ,,c. <i>Journal of Translational Medicine</i> , 2015, 13, 90.	4.4	8
25	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
26	Cancer anti-angiogenesis vaccines: Is the tumor vasculature antigenically unique?. <i>Journal of Translational Medicine</i> , 2015, 13, 340.	4.4	23
27	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
28	Trans-Carotid Placement of Balloon Expandable Covered Stent for Unplanned Left Carotid Coverage during Endovascular Repair of Distal Arch Aneurysm. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 209-211.	0.9	0
29	Safety and Efficacy of Ixmyelocel-T. <i>Circulation Research</i> , 2014, 115, 730-737.	4.5	56
30	Metabolically Active Human Brown Adipose Tissue Derived Stem Cells. <i>Stem Cells</i> , 2014, 32, 572-581.	3.2	59
31	Cell surface engineering to enhance mesenchymal stem cell migration toward an SDF-1 gradient. <i>Biomaterials</i> , 2014, 35, 5627-5635.	11.4	131
32	Intracavernous administration of bone marrow mononuclear cells: a new method of treating erectile dysfunction?. <i>Journal of Translational Medicine</i> , 2013, 11, 139.	4.4	11
33	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
34	In Situ Electrostimulation Drives a Regenerative Shift in the Zone of Infarcted Myocardium. <i>Cell Transplantation</i> , 2013, 22, 493-503.	2.5	5
35	Mesenchymal Stem Cell Population Isolated from the Subepithelial Layer of Umbilical Cord Tissue. <i>Cell Transplantation</i> , 2013, 22, 513-519.	2.5	51
36	Putative Population of Adipose-Derived Stem Cells Isolated from Mediastinal Tissue during Cardiac Surgery. <i>Cell Transplantation</i> , 2013, 22, 507-511.	2.5	10

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37	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
38	Advances in Cardiovascular Cell Therapy. <i>Cell Transplantation</i> , 2013, 22, 505-505.	2.5	0
39	Anatomy and Pathophysiology of VTOS. , 2013, , 339-343.		4
40	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
41	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
42	Stem Cell Therapy for Heart Failure Using Cord Blood. , 2011, , 221-236.		0
43	Mesenchymal stem cells as anti-inflammatories: Implications for treatment of Duchenne muscular dystrophy. <i>Cellular Immunology</i> , 2010, 260, 75-82.	3.0	143
44	Combination stem cell therapy for heart failure. <i>International Archive of Medicine</i> , 2010, 3, 5.	1.2	38
45	Inhibition of intracranial glioma growth by endometrial regenerative cells. <i>Cell Cycle</i> , 2009, 8, 606-610.	2.6	47
46	Feasibility investigation of allogeneic endometrial regenerative cells. <i>Journal of Translational Medicine</i> , 2009, 7, 15.	4.4	110
47	Electrostimulated bone marrow human mesenchymal stem cells produce follistatin. <i>Cytotherapy</i> , 2009, 11, 448-456.	0.7	23
48	Cardiac Stem Cell Therapy: Advances from 2008. <i>Cell Transplantation</i> , 2009, 18, 243-244.	2.5	9
49	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
50	Menstrual blood stromal cells: the potential for regenerative medicine. <i>Regenerative Medicine</i> , 2008, 3, 443-444.	1.7	34
51	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
52	Electrostimulation induces cardiomyocyte predifferentiation of fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 450-455.	2.1	56
53	Multipotent Menstrual Blood Stromal Stem Cells: Isolation, Characterization, and Differentiation. <i>Cell Transplantation</i> , 2008, 17, 303-311.	2.5	323
54	TRANSAXILLARY FIRST RIB RESECTION FOR THORACIC OUTLET SYNDROME (WITH DORSAL SYMPATHECTOMY). , 2008, , 1355-1359.		0

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55	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
56	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
57	Epicardial atrial defibrillation: successful treatment of postoperative atrial fibrillation. <i>Annals of Thoracic Surgery</i> , 2004, 77, 831-837.	1.3	11
58	Endoscopic radial artery harvesting is better than the open technique. <i>Annals of Thoracic Surgery</i> , 2004, 78, 149-153.	1.3	70
59	Clinical benefits of leukocyte filtration during valve surgery. <i>American Journal of Surgery</i> , 2003, 186, 636-640.	1.8	16
60	Paget-Schroetter syndrome therapy: failure of intravenous stents. <i>Annals of Thoracic Surgery</i> , 2003, 75, 1693-1696.	1.3	125
61	Successful diagnosis of penetrating cardiac injury using surgeon-performed sonography. <i>Annals of Thoracic Surgery</i> , 2003, 76, 2043-2047.	1.3	41
62	Surgical Management of Esophageal Carcinoma. <i>Baylor University Medical Center Proceedings</i> , 2003, 16, 280-284.	0.5	9
63	Patient Selection and Technical Considerations for Off-Pump Coronary Surgery. <i>Baylor University Medical Center Proceedings</i> , 2003, 16, 291-293.	0.5	2
64	Use of General Anesthetic Only Vs General Anesthetic Combined with Paravertebral Block for Perioperative Pain Management After First Rib Resection. <i>Baylor University Medical Center Proceedings</i> , 2002, 15, 374-375.	0.5	7
65	Prospective analysis of endoscopic vein harvesting. <i>American Journal of Surgery</i> , 2001, 182, 716-719.	1.8	34