Jason P Glotzbach

List of Publications by Year
in descending order

64 papers	2,920 citations	270111 25 h-index	232693 48 g-index
67 all docs	67 docs citations	67 times ranked	5071 citing authors

#	Article	IF	Citations
1	Minimally Invasive versus Full Sternotomy SAVR in the Era of TAVR: An Institutional Review. Journal of Clinical Medicine, 2022, 11, 547.	1.0	1
2	Commentary: Recalibrating the eyeball test. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 2106-2107.	0.4	0
3	Trans-Septal Puncture Through GoreÂ® Cardioform Septal Occluder Device - Step by Step Approach. Cardiovascular Revascularization Medicine, 2021, 23, 91-93.	0.3	0
4	Evaluating Quality in Adult Cardiac Surgery. Texas Heart Institute Journal, 2021, 48, .	0.1	4
5	Predictors of Adherence to Anti-Impulse Therapy among Patients Treated for Acute Type-B Aortic Dissections. Annals of Vascular Surgery, 2021, 76, 95-103.	0.4	2
6	Premature atrial stimulation accentuates conduction abnormalities in cardiac surgery patients that develop postoperative atrial fibrillation. Journal of Electrocardiology, 2021, 69, 36-43.	0.4	1
7	Rapidâ€deployment aortic valve replacement after aortic root replacement: A safe alternative to redo root replacement. Journal of Cardiac Surgery, 2020, 35, 222-225.	0.3	1
8	Surgical explantation of atrial septal closure devices for refractory nickel allergy symptoms. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 502-509.e1.	0.4	12
9	Is timing everything? Bioprosthetic valve fracture in valveâ€inâ€valve TAVR. Journal of Cardiac Surgery, 2020, 35, 3242-3243.	0.3	0
10	Aortic disease in the time of COVID-19 and repercussions on patient care at an academic aortic center. Journal of Vascular Surgery, 2020, 72, 408-413.	0.6	11
11	Transesophageal echocardiography identification of aortic dissection during cardiac arrest and cessation of ECMO initiation. American Journal of Emergency Medicine, 2019, 37, 1214.e5-1214.e6.	0.7	9
12	Evaluation of the Sex-and-Age-Specific Effects of PM2.5 on Hospital Readmission in the Presence of the Competing Risk of Mortality in the Medicare Population of Utah 1999â€“2009. Journal of Clinical Medicine, 2019, 8, 2114.	1.0	8
13	Evolutionary Improvements in the Jarvik 2000 Left Ventricular Assist Device. ASAIO Journal, 2018, 64, 827-830.	0.9	18
14	PHD-2 Suppression in Mesenchymal Stromal Cells Enhances Wound Healing. Plastic and Reconstructive Surgery, 2018, 141, 55e-67e.	0.7	15
15	Value-driven cardiac surgery: Achieving â€œperfect careâ€•after coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1436-1448.e2.	0.4	13
16	Rapid-deployment aortic valves: Do the data support a tipping point?. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1532-1533.	0.4	4
17	Repair of ascending aortic aneurysms following cardiac transplantation. Journal of Cardiac Surgery, 2016, 31, 778-780.	0.3	5
18	Microfluidic single-cell transcriptional analysis rationally identifies novel surface marker profiles to enhance cell-based therapies. Nature Communications, 2016, 7, 11945.	5.8	46

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19	Reduced BMPR2 expression induces GM-CSF translation and macrophage recruitment in humans and mice to exacerbate pulmonary hypertension. Journal of Experimental Medicine, 2014, 211, 263-280.	4.2	123
20	Diabetes Irreversibly Depletes Bone Marrowâ€“Derived Mesenchymal Progenitor Cell Subpopulations. Diabetes, 2014, 63, 3047-3056.	0.3	58
21	Tracking the Elusive Fibrocyte: Identification and Characterization of Collagenâ€Producing Hematopoietic Lineage Cells During Murine Wound Healing. Stem Cells, 2014, 32, 1347-1360.	1.4	93
22	Paracrine Mechanism of Angiogenesis in Adipose-Derived Stem Cell Transplantation. Annals of Plastic Surgery, 2014, 72, 234-241.	0.5	97
23	Cell surface marker profiling of human adipose derived stem cells using single cell transcriptional analysis identifies heterogeneous subpopulations. Journal of the American College of Surgeons, 2013, 217, S96-S97.	0.2	1
24	A Novel Mouse Model for Frostbite Injury. Wilderness and Environmental Medicine, 2013, 24, 94-104.	0.4	22
25	Molecular Analysis and Differentiation Capacity of Adipose-Derived Stem Cells from Lymphedema Tissue. Plastic and Reconstructive Surgery, 2013, 132, 580-589.	0.7	38
26	Focal adhesion kinase links mechanical force to skin fibrosis via inflammatory signaling. Nature Medicine, 2012, 18, 148-152.	15.2	391
27	Enhancement of Human Adipose-Derived Stromal Cell Angiogenesis through Knockdown of a BMP-2 Inhibitor. Plastic and Reconstructive Surgery, 2012, 129, 53-66.	0.7	28
28	Stem Cells. Journal of Craniofacial Surgery, 2012, 23, 319-323.	0.3	16
29	Delivery Strategies for Stem Cell-Based Therapy. Journal of Healthcare Engineering, 2012, 3, 1-20.	1.1	4
30	Enhancement of mesenchymal stem cell angiogenic capacity and stemness by a biomimetic hydrogel scaffold. Biomaterials, 2012, 33, 80-90.	5.7	340
31	Engineered Pullulanâ€“Collagen Composite Dermal Hydrogels Improve Early Cutaneous Wound Healing. Tissue Engineering - Part A, 2011, 17, 631-644.	1.6	142
32	Vascular anastomosis using controlled phase transitions in poloxamer gels. Nature Medicine, 2011, 17, 1147-1152.	15.2	84
33	An Information Theoretic, Microfluidic-Based Single Cell Analysis Permits Identification of Subpopulations among Putatively Homogeneous Stem Cells. PLoS ONE, 2011, 6, e21211.	1.1	61
34	The Role of Stem Cells in Cutaneous Wound Healing: What Do We Really Know?. Plastic and Reconstructive Surgery, 2011, 127, 10S-20S.	0.7	50
35	Aktâ€mediated mechanotransduction in murine fibroblasts during hypertrophic scar formation. Wound Repair and Regeneration, 2011, 19, 49-58.	1.5	48
36	In Brief. Current Problems in Surgery, 2011, 48, 142-146.	0.6	1

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37	Regenerative Medicine. Current Problems in Surgery, 2011, 48, 148-212.	0.6	30
38	Human ASC-seeded explantable microvascular networks from adipose tissue for organ-level tissue engineering. Journal of the American College of Surgeons, 2011, 213, S67-S68.	0.2	0
39	Engineering a functional niche for the therapeutic delivery of mesenchymal stem cells into cutaneous wounds. Journal of the American College of Surgeons, 2011, 213, S103-S104.	0.2	0
40	Epithelial control of dermal remodeling: Keratinocyte-specific deletion of focal adhesion kinase induces matrix metalloproteinase activity post-injury. Journal of the American College of Surgeons, 2011, 213, S96-S97.	0.2	0
41	Noggin knockdown in human adipose derived stromal cells (hASC) creates a vasculogenic microenvironment. Journal of the American College of Surgeons, 2011, 213, S98-S99.	0.2	0
42	CD105 Protein Depletion Enhances Human Adipose-derived Stromal Cell Osteogenesis through Reduction of Transforming Growth Factor Î²1 (TGF-Î²1) Signaling. Journal of Biological Chemistry, 2011, 286, 39497-39509.	1.6	144
43	Dura Mater Stimulates Human Adipose-Derived Stromal Cells to Undergo Bone Formation in Mouse Calvarial Defects. Stem Cells, 2011, 29, 1241-1255.	1.4	92
44	Nonintegrating Knockdown and Customized Scaffold Design Enhances Human Adipose-Derived Stem Cells in Skeletal Repair. Stem Cells, 2011, 29, 2018-2029.	1.4	59
45	Pullulan Hydrogels Improve Mesenchymal Stem Cell Delivery into Highâ€Oxidativeâ€Stress Wounds. Macromolecular Bioscience, 2011, 11, 1458-1466.	2.1	88
46	Mechanical force prolongs acute inflammationviaTâ€cellâ€dependent pathways during scar formation. FASEB Journal, 2011, 25, 4498-4510.	0.2	104
47	Surgical Approaches to Create Murine Models of Human Wound Healing. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8.	3.0	263
48	The Basic Science of Vascular Biology: Implications for the Practicing Surgeon. Plastic and Reconstructive Surgery, 2010, 126, 1528-1538.	0.7	39
49	Paracrine Interaction between Adipose-Derived Stromal Cells and Cranial Sutureâ€"Derived Mesenchymal Cells. Plastic and Reconstructive Surgery, 2010, 126, 806-821.	0.7	17
50	Depot-Specific Variation in the Osteogenic and Adipogenic Potential of Human Adipose-Derived Stromal Cells. Plastic and Reconstructive Surgery, 2010, 126, 822-834.	0.7	54
51	Isolation and progenitor cell seeding of native vascular networks for organ-level tissue engineering. Journal of the American College of Surgeons, 2010, 211, S65.	0.2	1
52	Migration of systemically injected adipose-derived stromal cells to sites of cranial and appendicular skeletal injury. Journal of the American College of Surgeons, 2010, 211, S81.	0.2	0
53	Acute skeletal injury is necessary for human adipose-derived stromal cells mediated calvarial regeneration. Journal of the American College of Surgeons, 2010, 211, S82.	0.2	0
54	The role of Wnt and hedgehog signaling pathways in cleft palate development. Journal of the American College of Surgeons, 2010, 211, S83.	0.2	0

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55	Delivery of mesenchymal stem cells in a biomimetic collagen hydrogel enhances cutaneous wound healing. Journal of the American College of Surgeons, 2010, 211, S91-S92.	0.2	5
56	Defining functionally distinct subpopulations of human adipose-derived stromal cells through single cell transcriptional analysis. Journal of the American College of Surgeons, 2010, 211, S92-S93.	0.2	0
57	Novel strategies to attenuate skin fibrosis: Targeted inhibition of focal adhesion kinase in dermal fibroblasts. Journal of the American College of Surgeons, 2010, 211, S127.	0.2	0
58	HIF-1Î± dysfunction in diabetes. Cell Cycle, 2010, 9, 75-79.	1.3	170
59	Neovascularization in diabetes. Expert Review of Endocrinology and Metabolism, 2010, 5, 99-111.	1.2	5
60	Regulation of Human Adipose-Derived Stromal Cell Osteogenic Differentiation by Insulin-Like Growth Factor-1 and Platelet-Derived Growth Factor-Î±. Plastic and Reconstructive Surgery, 2010, 126, 41-52.	0.7	95
61	Altered mechanotransduction profiles in skin layerâ€“specific focal adhesion kinase (FAK) knockout mice. Journal of the American College of Surgeons, 2009, 209, S74.	0.2	0
62	Stabilization of hypoxia-inducible factor-1 enhances proangiogenic potential of bone marrowâ€“derived mesenchymal stem cells. Journal of the American College of Surgeons, 2009, 209, S88.	0.2	0
63	A novel single cell gene expression analysis identifies critical gene transcription deficits in diabetic murine mesenchymal stem cells. Journal of the American College of Surgeons, 2009, 209, S89-S90.	0.2	0
64	Right Ventricular Outflow Tract Transannular Patch Placement without Cardiopulmonary Bypass. Pediatric Cardiology, 2006, 27, 149-155.	0.6	4