Daniel T Montoro

List of Publications by Year
in descending order

42 papers	4,605 citations	186265 28 h-index	276875 41 g-index
51 all docs	51 docs citations	51 times ranked	9427 citing authors

#	Article	IF	Citations
1	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. Nature, 2018, 560, 319-324.	27.8	878
2	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. Nature, 2021, 595, 107-113.	27.8	537
3	Genetic Correction of Huntington's Disease Phenotypes in Induced Pluripotent Stem Cells. Cell Stem Cell, 2012, 11, 253-263.	11.1	336
4	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. Nature Medicine, 2021, 27, 546-559.	30.7	261
5	Characterization of Human Huntington's Disease Cell Model from Induced Pluripotent Stem Cells. PLOS Currents, 2010, 2, RRN1193.	1.4	216
6	InÂVivo Clonal Analysis Reveals Lineage-Restricted Progenitor Characteristics in Mammalian Kidney Development, Maintenance, and Regeneration. Cell Reports, 2014, 7, 1270-1283.	6.4	199
7	Tumor-propagating cells and Yap/Taz activity contribute to lung tumor progression and metastasis. EMBO Journal, 2014, 33, 468-481.	7.8	181
8	The Human Lung Cell Atlas: A High-Resolution Reference Map of the Human Lung in Health and Disease. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 31-41.	2.9	178
9	Transplanted terminally differentiated induced pluripotent stem cells are accepted by immune mechanisms similar to self-tolerance. Nature Communications, 2014, 5, 3903.	12.8	148
10	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.	3.4	144
11	CD90 (Thy-1)-Positive Selection Enhances Osteogenic Capacity of Human Adipose-Derived Stromal Cells. Tissue Engineering - Part A, 2013, 19, 989-997.	3.1	121
12	In vivo directed differentiation of pluripotent stem cells for skeletal regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20379-20384.	7.1	116
13	Submucosal Gland Myoepithelial Cells Are Reserve Stem Cells That Can Regenerate Mouse Tracheal Epithelium. Cell Stem Cell, 2018, 22, 653-667.e5.	11.1	94
14	Dura Mater Stimulates Human Adipose-Derived Stromal Cells to Undergo Bone Formation in Mouse Calvarial Defects. Stem Cells, 2011, 29, 1241-1255.	3.2	92
15	Adipose-derived Stromal Cells Overexpressing Vascular Endothelial Growth Factor Accelerate Mouse Excisional Wound Healing. Molecular Therapy, 2013, 21, 445-455.	8.2	86
16	Developmental History Provides a Roadmap for the Emergence of Tumor Plasticity. Developmental Cell, 2018, 44, 679-693.e5.	7.0	77
17	Clonal analysis reveals nerve-dependent and independent roles on mammalian hind limb tissue maintenance and regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9846-9851.	7.1	73
18	Isolation of Human Adipose-Derived Stromal Cells Using Laser-Assisted Liposuction and Their Therapeutic Potential in Regenerative Medicine. Stem Cells Translational Medicine, 2013, 2, 808-817.	3.3	61

#	Article	IF	Citations
19	Nonintegrating Knockdown and Customized Scaffold Design Enhances Human Adipose-Derived Stem Cells in Skeletal Repair. Stem Cells, 2011, 29, 2018-2029.	3.2	59
20	Enhancing stem cell survival in vivo for tissue repair. Biotechnology Advances, 2013, 31, 736-743.	11.7	54
21	Micro-Computed Tomography Evaluation of Human Fat Grafts in Nude Mice. Tissue Engineering - Part C: Methods, 2013, 19, 227-232.	2.1	46
22	A human ciliopathy reveals essential functions for NEK10 in airway mucociliary clearance. Nature Medicine, 2020, 26, 244-251.	30.7	45
23	Femtosecond plasma mediated laser ablation has advantages over mechanical osteotomy of cranial bone. Lasers in Surgery and Medicine, 2012, 44, 805-814.	2.1	42
24	Evidence That Mast Cells Are Not Required for Healing of Splinted Cutaneous Excisional Wounds in Mice. PLoS ONE, 2013, 8, e59167.	2.5	40
25	Models of Cranial Suture Biology. Journal of Craniofacial Surgery, 2012, 23, S12-S16.	0.7	36
26	Enhancing In Vivo Survival of Adipose-Derived Stromal Cells Through Bcl-2 Overexpression Using a Minicircle Vector. Stem Cells Translational Medicine, 2013, 2, 690-702.	3.3	30
27	Enhancement of Human Adipose-Derived Stromal Cell Angiogenesis through Knockdown of a BMP-2 Inhibitor. Plastic and Reconstructive Surgery, 2012, 129, 53-66.	1.4	28
28	Live Fibroblast Harvest Reveals Surface Marker Shift In Vitro. Tissue Engineering - Part C: Methods, 2015, 21, 314-321.	2.1	26
29	Pierre Robin Sequence and Treacher Collins Hypoplastic Mandible Comparison Using Three-Dimensional Morphometric Analysis. Journal of Craniofacial Surgery, 2012, 23, S17-S21.	0.7	25
30	Proteinâ€“Nanoparticle Hydrogels That Self-assemble in Response to Peptide-Based Molecular Recognition. ACS Biomaterials Science and Engineering, 2017, 3, 750-756.	5.2	22
31	Airway basal stem cells generate distinct subpopulations of PNECs. Cell Reports, 2021, 35, 109011.	6.4	22
32	Repair of a Critical-sized Calvarial Defect Model Using Adipose-derived Stromal Cells Harvested from Lipoaspirate. Journal of Visualized Experiments, 2012, , .	0.3	17
33	TALENâ€mediated gene editing of the thrombospondinâ€1 locus in axolotl. Regeneration (Oxford,) Tj ETQq1 1 0.784314 rgBT /O	6.3	13
34	The Seed and the Soil. Annals of Plastic Surgery, 2013, 70, 235-239.	0.9	10
35	A Synthesis Concerning Conservation and Divergence of Cell Types across Epithelia. Cold Spring Harbor Perspectives in Biology, 2020, 12, a035733.	5.5	6
36	Rethinking the Blastema. Plastic and Reconstructive Surgery, 2012, 129, 1097-1103.	1.4	5

#	Article	IF	Citations
37	Tumorâ€propagating cells and Yap/Taz activity contribute to lung tumor progression and metastasis. EMBO Journal, 2014, 33, 1502-1502.	7.8	4
38	Skeletal Tissue Engineering. , 2014, , 1289-1302.		2
39	Getting nervous about regeneration. Stem Cell Investigation, 2016, 3, 71-71.	3.0	2
40	Dura mater creates an osteogenic niche that is required for osteogenic tissue engineering using adipose derived stromal cells. Journal of the American College of Surgeons, 2011, 213, S97-S98.	0.5	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.	0.5	0
42	Skeletal tissue engineering. , 2020, , 1007-1021.		0