Midhat H Abdulreda

List of Publications by Year
in descending order

37 papers	1,751 citations	471061 17 h-index	344852 36 g-index
39 all docs	39 docs citations	39 times ranked	2396 citing authors

#	Article	IF	Citations
1	Innervation Patterns of Autonomic Axons in the Human Endocrine Pancreas. Cell Metabolism, 2011, 14, 45-54.	7.2	288
2	Alpha cells secrete acetylcholine as a non-neuronal paracrine signal priming beta cell function in humans. Nature Medicine, 2011, 17, 888-892.	15.2	258
3	Paracrine Interactions within the Pancreatic Islet Determine the Glycemic Set Point. Cell Metabolism, 2018, 27, 549-558.e4.	7.2	150
4	Donor Islet Endothelial Cells in Pancreatic Islet Revascularization. Diabetes, 2011, 60, 2571-2577.	0.3	103
5	Force Spectroscopy of LFA-1 and Its Ligands, ICAM-1 and ICAM-2. Biomacromolecules, 2006, 7, 3188-3195.	2.6	102
6	Noninvasive in vivo model demonstrating the effects of autonomic innervation on pancreatic islet function. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21456-21461.	3.3	102
7	High-resolution, noninvasive longitudinal live imaging of immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12863-12868.	3.3	81
8	Young capillary vessels rejuvenate aged pancreatic islets. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17612-17617.	3.3	79
9	Apolipoprotein CIII links islet insulin resistance to Î²-cell failure in diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2611-9.	3.3	69
10	Liraglutide Compromises Pancreatic Î² Cell Function in a Humanized Mouse Model. Cell Metabolism, 2016, 23, 541-546.	7.2	67
11	Temperature Modulation of Integrin-Mediated Cell Adhesion. Biophysical Journal, 2010, 99, 1387-1396.	0.2	61
12	Real-time immune cell interactions in target tissue during autoimmune-induced damage and graft tolerance. Journal of Experimental Medicine, 2014, 211, 441-456.	4.2	56
13	Atomic Force Microscope Studies of the Fusion of Floating Lipid Bilayers. Biophysical Journal, 2007, 92, 4369-4378.	0.2	41
14	TNF-Î± and IFN-Î³ promote lymphocyte adhesion to endothelial junctional regions facilitating transendothelial migration. Journal of Leukocyte Biology, 2013, 95, 265-274.	1.5	37
15	Transplantation into the Anterior Chamber of the Eye for Longitudinal, Non-invasive In vivo Imaging with Single-cell Resolution in Real-time. Journal of Visualized Experiments, 2013, , e50466.	0.2	27
16	Atomic Force Microscope Spectroscopy Reveals a Hemifusion Intermediate during Soluble N-Ethylmaleimide-Sensitive Factor-Attachment Protein Receptors-Mediated Membrane Fusion. Biophysical Journal, 2008, 94, 648-655.	0.2	25
17	In vivo imaging of type 1 diabetes immunopathology using eye-transplanted islets in NOD mice. Diabetologia, 2019, 62, 1237-1250.	2.9	20
18	In vivo imaging of kidney glomeruli transplanted into the anterior chamber of the mouse eye. Scientific Reports, 2015, 4, 3872.	1.6	19

#	Article	IF	Citations
19	Pulling force generated by interacting SNAREs facilitates membrane hemifusion. Integrative Biology (United Kingdom), 2009, 1, 301.	0.6	18
20	HGAL localization to cell membrane regulates B-cell receptor signaling. Blood, 2015, 125, 649-657.	0.6	17
21	Parallel Multi-Omics in High-Risk Subjects for the Identification of Integrated Biomarker Signatures of Type 1 Diabetes. Biomolecules, 2021, 11, 383.	1.8	17
22	Whole-mount imaging of the mouse hindlimb vasculature using the lipophilic carbocyanine dye DiI.. BioTechniques, 2012, 53, 1-4.	0.8	13
23	The Different Faces of the Pancreatic Islet. Advances in Experimental Medicine and Biology, 2016, 938, 11-24.	0.8	13
24	Operational immune tolerance towards transplanted allogeneic pancreatic islets in mice and a non-human primate. Diabetologia, 2019, 62, 811-821.	2.9	13
25	Islet Transplantation to the Anterior Chamber of the Eyeâ€"A Future Treatment Option for Insulin-Deficient Type-2 Diabetics? A Case Report from a Nonhuman Type-2 Diabetic Primate. Cell Transplantation, 2020, 29, 096368972091325.	1.2	11
26	Feasibility of Localized Metabolomics in the Study of Pancreatic Islets and Diabetes. Metabolites, 2019, 9, 207.	1.3	9
27	NOD Miceâ€"Good Model for T1D but Not Without Limitations. Cell Transplantation, 2020, 29, 096368972093912.	1.2	9
28	Longitudinal proteomics analysis in the immediate microenvironment of islet allografts during progression of rejection. Journal of Proteomics, 2020, 223, 103826.	1.2	9
29	Interplay between HGAL and Grb2 proteins regulates B-cell receptor signaling. Blood Advances, 2019, 3, 2286-2297.	2.5	7
30	A machine learning approach to predict pancreatic islet grafts rejection versus tolerance. PLoS ONE, 2020, 15, e0241925.	1.1	7
31	Studying the biology of cytotoxic T lymphocytes in vivo with a fluorescent granzyme B-mTFP knock-in mouse. ELife, 2020, 9, .	2.8	7
32	Investigation of SNARE-Mediated Membrane Fusion Mechanism Using Atomic Force Microscopy. Japanese Journal of Applied Physics, 2009, 48, 08JA03.	0.8	5
33	Effect of Arginase-1 Inhibition on the Incidence of Autoimmune Diabetes in NOD Mice. Current Research in Diabetes & Obesity Journal, 2018, 5, .	0.1	4
34	Integrated Metabolomics and Proteomics Analyses in the Local Milieu of Islet Allografts in Rejection versus Tolerance. International Journal of Molecular Sciences, 2021, 22, 8754.	1.8	2
35	HGAL inhibits lymphoma dissemination by interacting with multiple Cytoskeletal proteins. Blood Advances, 2021, 5, 5072-5085.	2.5	2
36	Letter about Coppetiers et. al. Journal of Clinical Investigation, 0, , .	3.9	2

#	Article	IF	Citations
37	Challenges in stem cell-derived islet replacement therapy can be overcome. Cell Transplantation, 2021, 30, 096368972110453.	1.2	0