Shane T Grey

List of Publications by Year in descending order

109 papers	7,491 citations	47006 47 h-index	54911 84 g-index
117 all docs	117 docs citations	117 times ranked	10310 citing authors

#	Article	IF	Citations
1	Editorial: Beta-Cell Fate: From Gene Circuits to Disease Mechanisms. Frontiers in Genetics, 2022, 13, 822440.	2.3	0
2	TNFAIP3 Reduction-of-Function Drives Female Infertility and CNS Inflammation. Frontiers in Immunology, 2022, 13, 811525.	4.8	2
3	Interleukin-33 Exacerbates IgA Glomerulonephritis in Transgenic Mice Overexpressing B Cell Activating Factor. Journal of the American Society of Nephrology: JASN, 2022, , ASN.2021081145.	6.1	4
4	Pancreatic islet characterisation by the hyperspectral Assessment of autofluorescence: a non-invasive, label-free measure of viability. , 2021, , .		0
5	Selection of a novel AAV2/TNFAIP3 vector for local suppression of islet xenograft inflammation. Xenotransplantation, 2021, 28, e12669.	2.8	4
6	Spatial and Temporal Control of CRISPR-Cas9-Mediated Gene Editing Delivered via a Light-Triggered Liposome System. ACS Applied Materials & Interfaces, 2020, 12, 52433-52444.	8.0	36
7	A zebrafish functional genomics model to investigate the role of human A20 variants in vivo. Scientific Reports, 2020, 10, 19085.	3.3	5
8	INNATE IMMUNE SENSING AND TISSUE REMODELING OF A BIODEGRADABLE TEMPERING MATRIX SUPPORTED ISLET GRAFT. Transplantation, 2020, 104, S559-S559.	1.0	0
9	CAF hierarchy driven by pancreatic cancer cell p53-status creates a pro-metastatic and chemoresistant environment via perlecan. Nature Communications, 2019, 10, 3637.	12.8	170
10	Denisovan, modern human and mouse TNFAIP3 alleles tune A20 phosphorylation and immunity. Nature Immunology, 2019, 20, 1299-1310.	14.5	53
11	A20 as an immune tolerance factor can determine islet transplant outcomes. JCI Insight, 2019, 4, .	5.0	27
12	Tailored first-line and second-line CDK4-targeting treatment combinations in mouse models of pancreatic cancer. Gut, 2018, 67, 2142-2155.	12.1	100
13	Equipping the islet graft for self defence. Current Opinion in Organ Transplantation, 2018, 23, 97-105.	1.6	6
14	Report of the Key Opinion Leaders Meeting on Stem Cell-derived Beta Cells. Transplantation, 2018, 102, 1223-1229.	1.0	72
15	Oxygen-permeable microwell device maintains islet mass and integrity during shipping. Endocrine Connections, 2018, 7, 490-503.	1.9	8
16	Targeted deletion of Traf2 allows immunosuppression-free islet allograft survival in mice. Diabetologia, 2017, 60, 679-689.	6.3	6
17	Local Sphingosine Kinase 1 Activity Improves Islet Transplantation. Diabetes, 2017, 66, 1301-1311.	0.6	5
18	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. Science Translational Medicine, 2017, 9, .	12.4	208

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19	Immunodepletion and Hypoxia Preconditioning of Mouse Compact Bone Cells as a Novel Protocol to Isolate Highly Immunosuppressive Mesenchymal Stem Cells. Stem Cells and Development, 2017, 26, 512-527.	2.1	14
20	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. Cell Reports, 2017, 21, 274-288.	6.4	83
21	Inhibition of Y1 receptor signaling improves islet transplant outcome. Nature Communications, 2017, 8, 490.	12.8	23
22	Awards in Transplantation Science Recognize the Best Articles Published in Transplantation. Transplantation, 2017, 101, 10-12.	1.0	0
23	The 2017 Transplantation Awards. Transplantation, 2017, 101, 2655-2656.	1.0	0
24	Transcriptome Profiling of IL-17A Preactivated Mesenchymal Stem Cells: A Comparative Study to Unmodified and IFN-Î³Modified Mesenchymal Stem Cells. Stem Cells International, 2017, 2017, 1-16.	2.5	32
25	MicroRNA-125a and -b inhibit A20 and MAVS to promote inflammation and impair antiviral response in COPD. JCI Insight, 2017, 2, e90443.	5.0	95
26	Fattening Up Allograft Rejection. Transplantation, 2016, 100, 979-980.	1.0	0
27	Finding a New Home for Islet Cell Transplants. Transplantation, 2016, 100, 1398-1399.	1.0	3
28	PDGF-AB and 5-Azacytidine induce conversion of somatic cells into tissue-regenerative multipotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2306-15.	7.1	40
29	Intravital FRAP Imaging using an E-cadherin-GFP Mouse Reveals Disease- and Drug-Dependent Dynamic Regulation of Cell-Cell Junctions in Live Tissue. Cell Reports, 2016, 14, 152-167.	6.4	54
30	Awards in Transplantation Science Recognize the Best Manuscripts Published in Transplantation. Transplantation, 2016, 100, 249-250.	1.0	0
31	Antigen-Encoding Bone Marrow Terminates Islet-Directed Memory CD8+ T-Cell Responses to Alleviate Islet Transplant Rejection. Diabetes, 2016, 65, 1328-1340.	0.6	16
32	Interleukin-17A-Induced Human Mesenchymal Stem Cells Are Superior Modulators of Immunological Function. Stem Cells, 2015, 33, 2850-2863.	3.2	109
33	Nuclear factor ÎºBâ€“inducing kinase activation as a mechanism of pancreatic Î² cell failure in obesity. Journal of Experimental Medicine, 2015, 212, 1239-1254.	8.5	52
34	TRAF2 regulates peripheral CD8⁺ Tâ€cell and NKTâ€cell homeostasis by modulating sensitivity to ILâ€15. European Journal of Immunology, 2015, 45, 1820-1831.	2.9	11
35	Telling the tiger by its stripes: mapping the genomics of kidney graft tolerance in real time. Kidney International, 2015, 87, 875-877.	5.2	0
36	B Cell Dependent Control of Allograft Tolerance Through Expansion of Thymic CD4+ Foxp3+ T Cells.. Transplantation, 2014, 98, 379.	1.0	0

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37	Reduction of ARNT in myeloid cells causes immune suppression and delayed wound healing. American Journal of Physiology - Cell Physiology, 2014, 307, C349-C357.	4.6	17
38	<scp>BAFF</scp> regulates activation of selfâ€reactive <scp>T</scp> cells through <scp>B</scp>â€cell dependent mechanisms and mediates protection in <scp>NOD</scp> mice. European Journal of Immunology, 2014, 44, 983-993.	2.9	16
39	A Role for Intrathymic B Cells in the Generation of Natural Regulatory T Cells. Journal of Immunology, 2014, 193, 170-176.	0.8	65
40	IGF2: an endocrine hormone to improve islet transplant survival. Journal of Endocrinology, 2014, 221, R41-R48.	2.6	19
41	Emerging Roles for A20 in Islet Biology and Pathology. Advances in Experimental Medicine and Biology, 2014, 809, 141-162.	1.6	9
42	Baculoviral inhibitors of apoptosis repeat containing (BIRC) proteins fine-tune TNF-induced nuclear factor ÎºB and c-Jun N-terminal kinase signalling in mouse pancreatic beta cells. Diabetologia, 2013, 56, 520-532.	6.3	25
43	B-lymphocyte therapy for Type 2 diabetes: the â€˜Bâ€™ side of diabetic medication?. Immunotherapy, 2013, 5, 669-672.	2.0	0
44	Intrinsic Molecular Factors Cause Aberrant Expansion of the Splenic Marginal Zone B Cell Population in Nonobese Diabetic Mice. Journal of Immunology, 2013, 191, 97-109.	0.8	32
45	Influence of chronic hyperglycemia on the loss of the unfolded protein response in transplanted islets. Journal of Molecular Endocrinology, 2013, 51, 225-232.	2.5	16
46	Multicenter Australian Trial of Islet Transplantation: Improving Accessibility and Outcomes. American Journal of Transplantation, 2013, 13, 1850-1858.	4.7	99
47	Sulindac activates NF-ÎºB signaling in colon cancer cells. Cell Communication and Signaling, 2013, 11, 73.	6.5	23
48	Hypoxia-Inducible Factor-1Î± (HIF-1Î±) Potentiates Î²-Cell Survival after Islet Transplantation of Human and Mouse Islets. Cell Transplantation, 2013, 22, 253-266.	2.5	61
49	Low-Dose Rapamycin Unmasks the Protective Potential of Targeting Intragraft NF-ÎºB for Islet Transplants. Cell Transplantation, 2013, 22, 2355-2366.	2.5	19
50	A Preexistent Hypoxic Gene Signature Predicts Impaired Islet Graft Function and Glucose Homeostasis. Cell Transplantation, 2013, 22, 2147-2159.	2.5	47
51	B-Cell Cross-Presentation of Autologous Antigen Precipitates Diabetes. Diabetes, 2012, 61, 2893-2905.	0.6	88
52	Neuropeptide Y1 Receptor in Immune Cells Regulates Inflammation and Insulin Resistance Associated With Diet-Induced Obesity. Diabetes, 2012, 61, 3228-3238.	0.6	36
53	IL-2/IL-2Ab Complexes Induce Regulatory T Cell Expansion and Protect against Proteinuric CKD. Journal of the American Society of Nephrology: JASN, 2012, 23, 1303-1308.	6.1	63
54	Human Islets Express a Marked Proinflammatory Molecular Signature Prior to Transplantation. Cell Transplantation, 2012, 21, 2063-2078.	2.5	85

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55	Expression of Pro- and Antiapoptotic Molecules of the Bcl-2 Family in Human Islets Postisolation. Cell Transplantation, 2012, 21, 49-60.	2.5	22
56	Prolonged Cardiac Allograft Survival in BAFF-Transgenic Mice Associated with Increased Tregs. Transplantation, 2012, 94, 441.	1.0	0
57	A Pre-Existent Hypoxic Gene Signature Predicts Impaired Islet Graft Function and Glucose Homeostasis. Transplantation, 2012, 94, 710.	1.0	0
58	B cells as effectors and regulators of autoimmunity. Autoimmunity, 2012, 45, 377-387.	2.6	68
59	Mice Deficient in GEM GTPase Show Abnormal Glucose Homeostasis Due to Defects in Beta-Cell Calcium Handling. PLoS ONE, 2012, 7, e39462.	2.5	14
60	B cell-directed therapies in type 1 diabetes. Trends in Immunology, 2011, 32, 287-294.	6.8	45
61	Receptor for advanced glycation end-products (RAGE) provides a link between genetic susceptibility and environmental factors in type 1 diabetes. Diabetologia, 2011, 54, 1032-1042.	6.3	43
62	Interleukin-21 Is Critically Required in Autoimmune and Allogeneic Responses to Islet Tissue in Murine Models. Diabetes, 2011, 60, 867-875.	0.6	72
63	Deficiency of Atf3, an adaptive-response gene, protects islets and ameliorates inflammation in a syngeneic mouse transplantation model. Diabetologia, 2010, 53, 1438-1450.	6.3	56
64	The hypoxia response pathway and Î²â€cell function. Diabetes, Obesity and Metabolism, 2010, 12, 159-167.	4.4	95
65	HUMAN ISLETS PREPARED FOR CLINICAL TRANSPLANTATION EXHIBIT AN ALTERED GLYCOLYTIC PROFILE. Transplantation, 2010, 90, 373.	1.0	1
66	Hypoxia-inducible factor-1Î± regulates Î² cell function in mouse and human islets. Journal of Clinical Investigation, 2010, 120, 2171-2183.	8.2	191
67	Increased CD4+Foxp3+ T Cells in BAFF-Transgenic Mice Suppress T Cell Effector Responses. Journal of Immunology, 2009, 182, 793-801.	0.8	94
68	CD4+CD25+ T-Cells Control Autoimmunity in the Absence of B-Cells. Diabetes, 2009, 58, 1568-1577.	0.6	80
69	In vivo expansion of T reg cells with IL-2â€“mAb complexes: induction of resistance to EAE and long-term acceptance of islet allografts without immunosuppression. Journal of Experimental Medicine, 2009, 206, 751-760.	8.5	461
70	Regulating inflammation: The ying and yang of NFâ€ÎºB activation. Immunology and Cell Biology, 2008, 86, 299-300.	2.3	6
71	A new role for an old player: Do B cells unleash the self-reactive CD8+ T cell storm necessary for the development of type 1 diabetes?. Journal of Autoimmunity, 2008, 31, 301-305.	6.5	24
72	Marginal-Zone B-Cells of Nonobese Diabetic Mice Expand With Diabetes Onset, Invade the Pancreatic Lymph Nodes, and Present Autoantigen to Diabetogenic T-Cells. Diabetes, 2008, 57, 395-404.	0.6	109

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73	ALLOGRAFT TOLERANCE AFTER IN VIVO EXPANSION OF TREGS WITH IL-2/IL-2 MAB COMPLEXES. Transplantation, 2008, 86, 8.	1.0	0
74	BAFF and MyD88 signals promote a lupuslike disease independent of T cells. Journal of Experimental Medicine, 2007, 204, 1959-1971.	8.5	332
75	Potential Antiinflammatory Role of Insulin via the Preferential Polarization of Effector T Cells toward a T Helper 2 Phenotype. Endocrinology, 2007, 148, 346-353.	2.8	151
76	Invasion of the killer B's in type 1 diabetes. Frontiers in Bioscience - Landmark, 2007, 12, 2183.	3.0	9
77	B cells in the spotlight: innocent bystanders or major players in the pathogenesis of type 1 diabetes. Trends in Endocrinology and Metabolism, 2006, 17, 128-135.	7.1	78
78	Positive regulation of immune cell function and inflammatory responses by phosphatase PAC-1. Nature Immunology, 2006, 7, 274-283.	14.5	228
79	A20, a modulator of smooth muscle cell proliferation and apoptosis, prevents and induces regression of neointimal hyperplasia. FASEB Journal, 2006, 20, 1418-1430.	0.5	71
80	Nuclear Factor-ÎºB Regulates Î²-Cell Death. Diabetes, 2006, 55, 2491-2501.	0.6	112
81	Functional dichotomy of A20 in apoptotic and necrotic cell death. Biochemical Journal, 2005, 387, 47-55.	3.7	59
82	Combined expression of A1 and A20 achieves optimal protection of renal proximal tubular epithelial cells. Kidney International, 2005, 68, 1520-1532.	5.2	35
83	A20 protects mice from lethal radical hepatectomy by promoting hepatocyte proliferation via a p21waf1-dependent mechanism. Hepatology, 2005, 42, 156-164.	7.3	57
84	BAFF Augments Certain Th1-Associated Inflammatory Responses. Journal of Immunology, 2005, 174, 5537-5544.	0.8	124
85	The BAFF/APRIL System: An Important Player in Systemic Rheumatic Diseases. , 2004, 8, 243-265.		156
86	Role for Activating Transcription Factor 3 in Stress-Induced Î²-Cell Apoptosis. Molecular and Cellular Biology, 2004, 24, 5721-5732.	2.3	287
87	DEPLETING ANTI-CD4 MONOCLONAL ANTIBODY CURES NEW-ONSET DIABETES, PREVENTS RECURRENT AUTOIMMUNE DIABETES, AND DELAYS ALLOGRAFT REJECTION IN NONOBESE DIABETIC MICE1. Transplantation, 2004, 77, 990-997.	1.0	62
88	A20 protects endothelial cells from TNF-, Fas-, and NK-mediated cell death by inhibiting caspase 8 activation. Blood, 2004, 104, 2376-2384.	1.4	122
89	Genetic Engineering of a Suboptimal Islet Graft with A20 Preserves Î² Cell Mass and Function. Journal of Immunology, 2003, 170, 6250-6256.	0.8	104
90	A20 Protects From CD40-CD40 Ligand-Mediated Endothelial Cell Activation and Apoptosis. Circulation, 2003, 108, 1113-1118.	1.6	67

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91	Superoxide-mediated activation of uncoupling protein 2 causes pancreatic Î² cell dysfunction. Journal of Clinical Investigation, 2003, 112, 1831-1842.	8.2	300
92	Increased Expression of Antioxidant and Antiapoptotic Genes in Islets That May Contribute to Â-Cell Survival During Chronic Hyperglycemia. Diabetes, 2002, 51, 413-423.	0.6	183
93	A20 protects mice from D-galactosamine/lipopolysaccharide acute toxic lethal hepatitis. Hepatology, 2002, 35, 535-543.	7.3	132
94	Adenovirus-mediated gene transfer of A20 in murine islets inhibits Fas-induced apoptosis. Transplantation Proceedings, 2001, 33, 577-578.	0.6	18
95	Beta-cell adaptation to hyperglycemia. Diabetes, 2001, 50, S180-S181.	0.6	19
96	A20 Inhibits Cytokine-Induced Apoptosis and Nuclear Factor ÎºBâ€“Dependent Gene Activation in Islets. Journal of Experimental Medicine, 1999, 190, 1135-1146.	8.5	204
97	Adenovirus-mediated gene transfer of the anti-apoptotic protein A20 in rodent islets inhibits IL-1Î²-induced NO release. Transplantation Proceedings, 1999, 31, 789.	0.6	18
98	A novel function for A20 in smooth muscle cells: inhibition of activation and proliferation. Transplantation Proceedings, 1999, 31, 858-859.	0.6	19
99	Expression of heme oxygenase-1 can determine cardiac xenograft survival. Nature Medicine, 1998, 4, 1073-1077.	30.7	601
100	Extracellular ATP and ADP Activate Transcription Factor NF-ÎºB and Induce Endothelial Cell Apoptosis. Biochemical and Biophysical Research Communications, 1998, 248, 822-829.	2.1	93
101	A20 Inhibits NF-ÎºB Activation in Endothelial Cells Without Sensitizing to Tumor Necrosis Factorâ€“Mediated Apoptosis. Blood, 1998, 91, 2249-2258.	1.4	149
102	Regulation of Monocyte Tissue Factor Activity by Allogeneic and Xenogeneic Endothelial Cells. Thrombosis and Haemostasis, 1998, 79, 529-538.	3.4	36
103	EXPRESSION OF HUMAN THROMBOMODULIN COFACTOR ACTIVITY IN PORCINE ENDOTHELIAL CELLS1,2. Transplantation, 1998, 66, 244-251.	1.0	47
104	REGULATED AND ENDOTHELIAL CELL-SPECIFIC EXPRESSION OF FAS LIGAND. Transplantation, 1998, 66, 1126-1131.	1.0	16
105	A20 Inhibits NF-ÎºB Activation in Endothelial Cells Without Sensitizing to Tumor Necrosis Factorâ€“Mediated Apoptosis. Blood, 1998, 91, 2249-2258.	1.4	9
106	XENOGENEIC ENDOTHELIAL CELLS ACTIVATE HUMAN PROTHROMBIN1,2. Transplantation, 1997, 64, 888-896.	1.0	100
107	BINDING OF ACTIVATED PROTEIN C TO A SPECIFIC RECEPTOR ON HUMAN MONONUCLEAR PHAGOCYTES INHIBITS INTRACELLULAR CALCIUM SIGNALING AND MONOCYTE-DEPENDENT PROLIFERATIVE RESPONSES1,2. Transplantation, 1995, 60, 1525-1532.	1.0	109
108	Cellular immune responses in the skin of sheep infected with larvae of Lucilia cuprina, the sheep blowfly. Veterinary Parasitology, 1992, 44, 151-162.	1.8	38

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109	RelA Governs a Network of Islet-Specific Metabolic Genes Necessary for Beta-Cell Function. SSRN Electronic Journal, 0, , .	0.4	0