David M Briscoe

List of Publications by Citations

45 papers	2,290 citations	24 h-index	47 g-index
47 ext. papers	2,485 ext. citations	7.8 avg, IF	4.36 L-index

#	Paper	IF	Citations
45	Pathological angiogenesis is induced by sustained Akt signaling and inhibited by rapamycin. *Cancer Cell*, **2006**, 10, 159-70	24.3	351
44	Expression of the chemokine receptor CXCR3 and its ligand IP-10 during human cardiac allograft rejection. *Circulation*, **2001**, 104, 2558-64	16.7	177
43	Proinflammatory functions of vascular endothelial growth factor in alloimmunity. *Journal of Clinical Investigation*, **2003**, 112, 1655-65	15.9	167
42	Ligation of CD40 induces the expression of vascular endothelial growth factor by endothelial cells and monocytes and promotes angiogenesis in vivo. *Blood*, **2000**, 96, 3801-3808	2.2	166
41	Angiogenesis and endothelial cell repair in renal disease and allograft rejection. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 932-42	12.7	122
40	The effects of mTOR-Akt interactions on anti-apoptotic signaling in vascular endothelial cells. *Journal of Biological Chemistry*, **2007**, 282, 23679-86	5.4	113
39	Endothelial cells modify the costimulatory capacity of transmigrating leukocytes and promote CD28-mediated CD4(+) T cell alloactivation. *Journal of Experimental Medicine*, **1999**, 190, 555-66	16.6	96
38	Vascular endothelial growth factor impairs the functional ability of dendritic cells through Id pathways. *Biochemical and Biophysical Research Communications*, **2005**, 334, 193-198	3.4	81
37	Microfluidic platform for the quantitative analysis of leukocyte migration signatures. *Nature Communications*, **2014**, 5, 4787	17.4	80
36	Interactions between T lymphocytes and endothelial cells in allograft rejection. *Current Opinion in Immunology*, **1998**, 10, 525-31	7.8	79
35	The role of the graft endothelium in transplant rejection: evidence that endothelial activation may serve as a clinical marker for the development of chronic rejection. *Pediatric Transplantation*, **2000**, 4, 252-60	1.8	79
34	Vascular endothelial growth factor-induced signaling pathways in endothelial cells that mediate overexpression of the chemokine IFN-gamma-inducible protein of 10 kDa in vitro and in vivo. *Journal of Immunology*, **2006**, 176, 3098-107	5.3	61
33	Cutting edge: Vascular endothelial growth factor-mediated signaling in human CD45RO+ CD4+ T cells promotes Akt and ERK activation and costimulates IFN-gamma production. *Journal of Immunology*, **2010**, 184, 545-9	5.3	60
32	Expression patterns of vascular endothelial growth factor in human cardiac allografts: association with rejection. *Transplantation*, **2003**, 76, 224-30	1.8	55
31	Subsets of human CD4(+) regulatory T cells express the peripheral homing receptor CXCR3. *European Journal of Immunology*, **2011**, 41, 2291-302	6.1	51
30	Outcome of renal transplantation in children less than two years of age. *Kidney International*, **1992**, 42, 657-62	9.9	44
29	DEPTOR at the Nexus of Cancer, Metabolism, and Immunity. *Physiological Reviews*, **2018**, 98, 1765-1803	47.9	42

28	VEGF-C, VEGF-A and related angiogenesis factors as biomarkers of allograft vasculopathy in cardiac transplant recipients. *Journal of Heart and Lung Transplantation*, **2013**, 32, 120-8	5.8	42
27	Angiogenesis in the huPBL-SCID model of human transplant rejection. *Transplantation*, **1999**, 67, 1626-31	1.8	38
26	CD40-induced signaling in human endothelial cells results in mTORC2- and Akt-dependent expression of vascular endothelial growth factor in vitro and in vivo. *Journal of Immunology*, **2008**, 181, 8088-95	5.3	36
25	Regulation of mTOR Signaling by Semaphorin 3F-Neuropilin 2 Interactions In Vitro and In Vivo. *Scientific Reports*, **2015**, 5, 11789	4.9	34
24	DEPTOR regulates vascular endothelial cell activation and proinflammatory and angiogenic responses. *Blood*, **2013**, 122, 1833-42	2.2	33
23	Effect of vascular endothelial growth factor and its receptor KDR on the transendothelial migration and local trafficking of human T cells in vitro and in vivo. *Blood*, **2010**, 116, 1980-9	2.2	24
22	Every allograft needs a silver lining. *Journal of Clinical Investigation*, **2007**, 117, 3645-8	15.9	23
21	Netrin-1 Augments Chemokinesis in CD4+ T Cells In Vitro and Elicits a Proinflammatory Response In Vivo. *Journal of Immunology*, **2016**, 197, 1389-98	5.3	20
20	Chronic allograft rejection: a fresh look. *Current Opinion in Organ Transplantation*, **2015**, 20, 13-20	2.5	17
19	Microfluidic mazes to characterize T-cell exploration patterns following activation in vitro. *Integrative Biology (United Kingdom)*, **2015**, 7, 1423-31	3.7	16
18	Convergent and Divergent Migratory Patterns of Human Neutrophils inside Microfluidic Mazes. *Scientific Reports*, **2018**, 8, 1887	4.9	16
17	Vascular endothelial growth factor A is associated with the subsequent development of moderate or severe cardiac allograft vasculopathy in pediatric heart transplant recipients. *Journal of Heart and Lung Transplantation*, **2017**, 36, 434-442	5.8	14
16	Targeting the intragraft microenvironment and the development of chronic allograft rejection. *Human Immunology*, **2012**, 73, 1261-8	2.3	14
15	TNP-470, an angiogenesis inhibitor, attenuates the development of allograft vasculopathy. *Transplantation*, **2004**, 78, 1218-21	1.8	13
14	Function of the vascular endothelial growth factor receptors Flt-1 and Flk-1/KDR in the alloimmune response in vivo. *Transplantation*, **2005**, 80, 717-22	1.8	12
13	Study rationale, design, and pretransplantation alloantibody status: A first report of Clinical Trials in Organ Transplantation in Children-04 (CTOTC-04) in pediatric heart transplantation. *American Journal of Transplantation*, **2018**, 18, 2135-2147	8.7	10
12	Cholesterol efflux capacity of high-density lipoprotein correlates with survival and allograft vasculopathy in cardiac transplant recipients. *Journal of Heart and Lung Transplantation*, **2016**, 35, 1295-1302	5.8	10
11	Translational implications of endothelial cell dysfunction in association with chronic allograft rejection. *Pediatric Nephrology*, **2016**, 31, 41-51	3.2	9

10	Differential activation of human T cells to allogeneic endothelial cells, epithelial cells and fibroblasts in vitro. *Transplantation Research*, **2012**, 1, 4		7
9	DEPTOR modulates activation responses in CD4 T cells and enhances immunoregulation following transplantation. *American Journal of Transplantation*, **2019**, 19, 77-88	8.7	6
8	Calcineurin inhibitors augment endothelial-to-mesenchymal transition by enhancing proliferation in association with cytokine-mediated activation. *Biochemical and Biophysical Research Communications*, **2019**, 519, 667-673	3.4	4
7	T Cell-Specific Adaptor Protein Regulates Mitochondrial Function and CD4 T Regulatory Cell Activity In Vivo following Transplantation. *Journal of Immunology*, **2019**, 203, 2328-2338	5.3	4
6	The intragraft microenvironment as a central determinant of chronic rejection or local immunoregulation/tolerance. *Current Opinion in Organ Transplantation*, **2017**, 22, 55-63	2.5	2
5	Assessing the vascular effects of early erythropoietin use in pediatric renal transplant recipients. *Nature Clinical Practice Nephrology*, **2008**, 4, 136-7		1
4	Inhibition of mevalonate metabolism by statins augments the immunoregulatory phenotype of vascular endothelial cells and inhibits the costimulation of CD4 T cells. *American Journal of Transplantation*, **2021**,	8.7	1
3	Transplantation Immunobiology **2009**, 1835-1866		1
2	Chemorepulsion as a novel therapeutic concept to inhibit pancreatic cancer metastasis. *FASEB Journal*, **2018**, 32, 677.12	0.9	
1	An Inhibitory Ligand of Neuropilin 2 Blocks Pancreatic Cancer Progression and Impedes Tumor Angiogenesis. *FASEB Journal*, **2019**, 33, 368.7	0.9	