David Briggs

List of Publications by Year in descending order

86 papers	2,625 citations	172457 29 h-index	206112 48 g-index
87 all docs	87 docs citations	87 times ranked	2989 citing authors

#	Article	IF	Citations
1	Decision tree and random forest models for outcome prediction in antibody incompatible kidney transplantation. Biomedical Signal Processing and Control, 2019, 52, 456-462.	5.7	211
2	The impact of donor KIR and patient HLA-C genotypes on outcome following HLA-identical sibling hematopoietic stem cell transplantation for myeloid leukemia. Blood, 2004, 103, 1521-1526.	1.4	173
3	Donor KIR genotype has a major influence on the rate of cytomegalovirus reactivation following T-cell replete stem cell transplantation. Blood, 2005, 107, 1230-1232.	1.4	155
4	Immunogenetic prediction of pulmonary fibrosis in systemic sclerosis. Lancet, The, 1991, 338, 661-662.	13.7	127
5	FcgammaRIIa polymorphism in systemic lupus erythematosus (SLE): no association with disease. Clinical and Experimental Immunology, 1996, 104, 264-268.	2.6	119
6	Transitional B Lymphocytes Are Associated With Protection From Kidney Allograft Rejection: A Prospective Study. American Journal of Transplantation, 2015, 15, 1384-1391.	4.7	96
7	Blood Levels of Donor-Specific Human Leukocyte Antigen Antibodies After Renal Transplantation: Resolution of Rejection in the Presence of Circulating Donor-Specific Antibody. Transplantation, 2007, 84, 876-884.	1.0	67
8	Donor HLA-C Genotype Has a Profound Impact on the Clinical Outcome Following Liver Transplantation. American Journal of Transplantation, 2008, 8, 1931-1941.	4.7	66
9	Human Leukocyte Antigen Antibody-Incompatible Renal Transplantation: Excellent Medium-Term Outcomes With Negative Cytotoxic Crossmatch. Transplantation, 2011, 92, 900-906.	1.0	66
10	Association of Caveolin-1 Gene Polymorphism With Kidney Transplant Fibrosis and Allograft Failure. JAMA - Journal of the American Medical Association, 2010, 303, 1282.	7.4	65
11	Donor ABCB1 Variant Associates with Increased Risk for Kidney Allograft Failure. Journal of the American Society of Nephrology: JASN, 2012, 23, 1891-1899.	6.1	65
12	Significant IgG subclass heterogeneity in HLA-specific antibodies: Implications for pathogenicity, prognosis, and the rejection response. Human Immunology, 2013, 74, 666-672.	2.4	55
13	Complement polymorphism in herpes gestationis: Association with C4 null allele. Journal of the American Academy of Dermatology, 1993, 29, 545-549.	1.2	53
14	Subclass analysis of donor<scp>HLA</scp>â€specific IgG in antibodyâ€incompatible renal transplantation reveals a significant association of IgG₄with rejection and graft failure. Transplant International, 2015, 28, 1405-1415.	1.6	53
15	ABO-incompatible live donor renal transplantation using blood group A/B carbohydrate antigen immunoadsorption and anti-CD20 antibody treatment.. Xenotransplantation, 2006, 13, 148-153.	2.8	50
16	The distribution of 13 killer-cell immunoglobulin-like receptor loci in UK blood donors from three ethnic groups. International Journal of Immunogenetics, 2003, 30, 213-221.	1.2	49
17	Class II MHC typing in pemphigoid gestationis. Clinical and Experimental Dermatology, 1995, 20, 123-126.	1.3	46
18	A POSITIVE CROSSMATCH IN LIVER TRANSPLANTATION-NO EFFECT OR INAPPROPRIATE ANALYSIS?. Transplantation, 1997, 64, 54-59.	1.0	45

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19	Double Filtration Plasmapheresis in Antibodyâ€Incompatible Kidney Transplantation. Therapeutic Apheresis and Dialysis, 2010, 14, 392-399.	0.9	44
20	HLA antigens in the Guillain-BarrÃ© syndrome. Journal of Neuroimmunology, 1988, 18, 13-16.	2.3	42
21	A molecular and serologic analysis of the major histocompatibility complex and complement component c4 in systemic sclerosis. Arthritis and Rheumatism, 1993, 36, 943-954.	6.7	42
22	A strong association between null alleles at the C4A locus in the major histocompatibility complex and systemic sclerosis. Arthritis and Rheumatism, 1986, 29, 1274-1277.	6.7	40
23	Ethnic variability in human leukocyte antigenâ€E haplotypes. Tissue Antigens, 2009, 73, 39-45.	1.0	36
24	Rises and Falls in Donor-Specific and Third-Party HLA Antibody Levels After Antibody Incompatible Transplantation. Transplantation, 2009, 87, 882-888.	1.0	36
25	Anti-HLA antibodies in pemphigoid gestationis (herpes gestationis). British Journal of Dermatology, 1993, 129, 257-259.	1.5	35
26	The role of hemochromatosis susceptibility gene mutations in protecting against iron deficiency in celiac disease. Gastroenterology, 2002, 123, 444-449.	1.3	35
27	Variation in Iron Homeostasis Genes Between Patients With ARDS and Healthy Control Subjects. Chest, 2008, 133, 1302-1311.	0.8	35
28	Pregnancy-induced HLA antibodies respond more vigorously after renal transplantation than antibodies induced by prior transplantation. Human Immunology, 2015, 76, 546-552.	2.4	35
29	Application of Flow Cytometry to Monitor Antibody Levels in ABO Incompatible Kidney Transplantation. Transplantation, 2008, 86, 474-477.	1.0	31
30	British Society for Histocompatibility & Immunogenetics and British Transplantation Society Guidelines for the Detection and Characterisation of Clinically Relevant Antibodies in Allotransplantation. International Journal of Immunogenetics, 2010, 37, 435-437.	1.8	29
31	Single nucleotide polymorphism analysis of the NKG2D ligand cluster on the long arm of chromosome 6: Extensive polymorphisms and evidence of diversity between human populations. Human Immunology, 2010, 71, 610-620.	2.4	29
32	The UK National Registry of ABO and HLA Antibody Incompatible Renal Transplantation: Pretransplant Factors Associated With Outcome in 879 Transplants. Transplantation Direct, 2017, 3, e181.	1.6	26
33	Genetic Factors in Scleroderma. Rheumatic Disease Clinics of North America, 1990, 16, 31-51.	1.9	25
34	A Multi-Laboratory characterization of the KIR genotypes of 10th International Histocompatibility Workshop cell lines. Human Immunology, 2003, 64, 567-571.	2.4	24
35	A disease-linked ULBP6 polymorphism inhibits NKG2D-mediated target cell killing by enhancing the stability of NKG2D ligand binding. Science Signaling, 2017, 10, .	3.6	23
36	Association of killer cell immunoglobulin-like receptors with primary Sjogren's syndrome. Rheumatology, 2009, 48, 359-362.	1.9	22

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37	Structural identifiability of surface binding reactions involving heterogeneous analyte: Application to surface plasmon resonance experiments. Automatica, 2013, 49, 48-57.	5.0	22
38	The use of NGAL and IP-10 in the prediction of early acute rejection in highly sensitized patients following HLA-incompatible renal transplantation. Transplant International, 2014, 27, 362-370.	1.6	22
39	The genotype of <scp>RAET1L</scp> (<scp>ULBP6</scp>), a ligand for human <scp>NKG2D</scp> (<scp>KLRK1</scp>), markedly influences the clinical outcome of allogeneic stem cell transplantation. British Journal of Haematology, 2012, 159, 589-598.	2.5	20
40	Clinical outcomes with ABO antibody titer variability in a multicenter study of ABOâ€incompatible kidney transplantation in the United Kingdom. Transfusion, 2016, 56, 2668-2679.	1.6	20
41	Rapid, highly accurate and costâ€effective openâ€source simultaneous complete <scp>HLA</scp> typing and phasing of class I and <scp>II</scp> alleles using nanopore sequencing. Hla, 2020, 96, 163-178.	0.6	20
42	KIR and HLA-C Interactions Promote Differential Dendritic Cell Maturation and Is a Major Determinant of Graft Failure following Kidney Transplantation. PLoS ONE, 2011, 6, e23631.	2.5	20
43	The immunogenetic background of scleroderma-an overview. Clinical and Experimental Dermatology, 1992, 17, 73-78.	1.3	19
44	Indirect Recognition of T-Cell Epitopes Derived from the ?3 and Transmembrane Domain of HLA-A2. American Journal of Transplantation, 2007, 7, 1148-1157.	4.7	19
45	Soluble CD30 and Cd27 levels in patients undergoing HLA antibody-incompatible renal transplantation. Transplant Immunology, 2010, 23, 161-165.	1.2	19
46	A polymorphism in the promoter region of the CD86 (B7.2) gene is associated with systemic sclerosis. International Journal of Immunogenetics, 2006, 33, 155-161.	1.8	18
47	Human Leukocyte Antigen-Specific Antibodies and Gamma-Interferon Stimulate Human Microvascular and Glomerular Endothelial Cells to Produce Complement Factor C4. Transplantation, 2012, 93, 867-873.	1.0	16
48	No Progress in ABO Titer Measurement. Transplantation, 2014, 97, e19-e21.	1.0	16
49	Direct quantitative measurement of the kinetics of HLA-specific antibody interactions with isolated HLA proteins. Human Immunology, 2018, 79, 122-128.	2.4	16
50	Major histocompatibility complex class II genes and systemic sclerosis.. Annals of the Rheumatic Diseases, 1991, 50, 862-865.	0.9	13
51	Development of Non-Donor-Specific HLA Antibodies after Kidney Transplantation: Frequency and Clinical Implications. Contributions To Nephrology, 2008, 162, 107-116.	1.1	13
52	T Lymphocyte Responses to Nonpolymorphic HLA-Derived Peptides Are Associated With Chronic Renal Allograft Dysfunction. Transplantation, 2011, 91, 279-286.	1.0	12
53	Analysis of complement C4 loci in Caucasoids and Japanese with idiopathic membranous nephropathy. Kidney International, 1992, 42, 882-887.	5.2	11
54	The histological development of acute antibody-mediated rejection in HLA antibody-incompatible renal transplantation. Nephrology Dialysis Transplantation, 2010, 25, 1306-1312.	0.7	11

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55	Importance of methodology in the flow cytometric crossmatch: A multicentre study. Transplantation Proceedings, 1997, 29, 1454-1455.	0.6	10
56	Cryofiltration in the Treatment of Cryoglobulinemia and HLA Antibodyâ€incompatible Transplantation. Therapeutic Apheresis and Dialysis, 2012, 16, 91-96.	0.9	10
57	Profiling antibodies to class II HLA in transplant patient sera. Human Immunology, 2014, 75, 261-270.	2.4	10
58	Use of patient age and anti-Ro/La antibody status to determine the probability of patients with systemic lupus erythematosus and sicca symptoms fulfilling criteria for secondary Sjogren's syndrome. British Journal of Rheumatology, 2003, 42, 189-191.	2.3	9
59	A new data-driven model for post-transplant antibody dynamics in high risk kidney transplantation. Mathematical Biosciences, 2017, 284, 3-11.	1.9	9
60	Can a combined screening/treatment programme prevent premature failure of renal transplants due to chronic rejection in patients with HLA antibodies: study protocol for the multicentre randomised controlled OuTSMART trial. Trials, 2014, 15, 30.	1.6	8
61	HLA incompatible combined liverâ€“kidney transplantation: Dynamics of antibody modulation revealed by a novel approach to HLA antibody characterisation. Transplant Immunology, 2014, 30, 30-33.	1.2	8
62	Impact of a large nonindigenous population on the renal transplant waiting list. Transplantation Proceedings, 1997, 29, 3724-3725.	0.6	7
63	Used leucodepletion filters as a source of large quantities of DNA suitable for the study of genetic variations in human populations. Transfusion Medicine, 2003, 13, 77-82.	1.1	7
64	Human leukocyte antigen antibody incompatible renal transplantation. Indian Journal of Nephrology, 2012, 22, 409.	0.5	7
65	Skewing of Female X-Chromosome Inactivation. Transplantation, 2013, 95, e25-e28.	1.0	7
66	ABO-Incompatible Renal Transplantation Without Antibody Removal Using Conventional Immunosuppression Alone. American Journal of Transplantation, 2015, 15, 1728-1729.	4.7	7
67	HLA Antibody Incompatible Renal Transplantation: Long-term Outcomes Similar to Deceased Donor Transplantation. Transplantation Direct, 2021, 7, e732.	1.6	7
68	Genetic factors in scleroderma. Rheumatic Disease Clinics of North America, 1990, 16, 31-51.	1.9	7
69	Genetic and environmental factors in scleroderma. Current Opinion in Rheumatology, 1990, 2, 920-921.	4.3	6
70	The HLAâ€DP locus in systemic sclerosis â€“ No primary association. Tissue Antigens, 1993, 42, 144-145.	1.0	6
71	NEW CHOICES FOR PATIENTS NEEDING KIDNEY TRANSPLANTATION ACROSS ANTIBODY BARRIERS. Journal of Renal Care, 2008, 34, 85-93.	1.2	6
72	C3dâ€positive donorâ€specific antibodies have a role in pretransplant risk stratification of crossâ€matchâ€positive HLAâ€incompatible renal transplantation: United Kingdom multicentre study. Transplant International, 2020, 33, 1128-1139.	1.6	5

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73	BSHI/BTS guidance on crossmatching before deceased donor kidney transplantation. International Journal of Immunogenetics, 2022, 49, 22-29.	1.8	5
74	Influence of preformed donor-specific antibodies and C4d on early liver allograft function. Scandinavian Journal of Gastroenterology, 2013, 48, 1444-1451.	1.5	4
75	Behaviour of Non-Donor Specific Antibodies during Rapid Re-Synthesis of Donor Specific HLA Antibodies after Antibody Incompatible Renal Transplantation. PLoS ONE, 2013, 8, e68663.	2.5	4
76	Update to the study protocol, including statistical analysis plan, for the multicentre, randomised controlled OuTSMART trial: a combined screening/treatment programme to prevent premature failure of renal transplants due to chronic rejection in patients with HLA antibodies. Trials, 2019, 20, 476.	1.6	4
77	Dynamic Behaviour of Donor Specific Antibodies in the Early Period Following HLA Incompatible Kidney Transplantation. Transplant International, 2022, 35, 10128.	1.6	4
78	Identification of a new HLA-DRB5 allele, DRB5*0112, by routine PCR-SSP. Tissue Antigens, 2003, 62, 554-555.	1.0	3
79	Chronic Graft Versus Host Disease Is Associated With an Immune Response to Autologous Human Leukocyte Antigenâ€“Derived Peptides. Transplantation, 2010, 90, 555-563.	1.0	3
80	Genetic and environmental factors in scleroderma. Current Opinion in Rheumatology, 1989, 1, 475-478.	4.3	2
81	Antibody-Associated Rejection in Liver Transplantation: Keep on Knocking, and the Door Will Be Opened to You. American Journal of Transplantation, 2011, 11, 1767-1768.	4.7	1
82	Immunoglobulin isotype compositions of ABO specific antibodies are dependent on the individual patient blood group and blood group specificity: Results from a healthy donor cohort. Journal of Immunological Methods, 2021, 494, 113053.	1.4	1
83	Estimation of kinetic rate constants from surface plasmon resonance experiments. , 2010, , .		0
84	Estimation of antibody binding affinities in incompatible blood type renal transplants from surface plasmon resonance. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 97-102.	0.4	0
85	Novel data-driven stochastic model for antibody dynamics in kidney transplantationâˆ—â˜—This work has been supported by EPSRC UK (EP/K02504X/1).. IFAC-PapersOnLine, 2015, 48, 249-254.	0.9	0
86	Donor KIR Genotype Does Not Affect VZV Reactivation after Allogeneic Haematopoietic Stem Cell Transplantation.. Blood, 2005, 106, 3236-3236.	1.4	0