

Robert B Colvin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4546851/publications.pdf>

Version: 2024-02-01

99
papers

15,193
citations

47006

47
h-index

40979

93
g-index

101
all docs

101
docs citations

101
times ranked

8531
citing authors

#	ARTICLE	IF	CITATIONS
1	The Banff 97 working classification of renal allograft pathology. <i>Kidney International</i> , 1999, 55, 713-723.	5.2	2,817
2	International standardization of criteria for the histologic diagnosis of renal allograft rejection: The Banff working classification of kidney transplant pathology. <i>Kidney International</i> , 1993, 44, 411-422.	5.2	1,305
3	Diagnosis and management of renal cell carcinomaA clinical and pathologic study of 309 cases. <i>Cancer</i> , 1971, 28, 1165-1177.	4.1	973
4	Antibody-Mediated Rejection Criteria - an Addition to the Banff 97 Classification of Renal Allograft Rejection. <i>American Journal of Transplantation</i> , 2003, 3, 708-714.	4.7	960
5	Revision of the International Society of Nephrology/Renal Pathology Society classification for lupus nephritis: clarification of definitions, and modified National Institutes of Health activity and chronicity indices. <i>Kidney International</i> , 2018, 93, 789-796.	5.2	532
6	Antibody-Mediated Renal Allograft Rejection: Diagnosis and Pathogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1046-1056.	6.1	477
7	Complement Activation in Acute Humoral Renal Allograft Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 1999, 10, 2208-2214.	6.1	469
8	Acute Humoral Rejection in Kidney Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 779-787.	6.1	453
9	The Banff 2019 Kidney Meeting Report (I): Updates on and clarification of criteria for T cell and antibody-mediated rejection. <i>American Journal of Transplantation</i> , 2020, 20, 2318-2331.	4.7	437
10	Antibody-mediated organ-allograft rejection. <i>Nature Reviews Immunology</i> , 2005, 5, 807-817.	22.7	434
11	Chronic Humoral Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 574-582.	6.1	430
12	Campath-1H Induction Plus Rapamycin Monotherapy for Renal Transplantation: Results of a Pilot Study. <i>American Journal of Transplantation</i> , 2003, 3, 722-730.	4.7	360
13	Immunopathologic Characterization of a Monoclonal Antibody that Recognizes Common Surface Antigens of Human Ovarian Tumors of Serous, Endometrioid, and Clear Cell Types. <i>American Journal of Clinical Pathology</i> , 1983, 79, 98-104.	0.7	338
14	Extension of Renal Cell Carcinoma into the Vena Cava: The Rationale for Aggressive Surgical Management. <i>Journal of Urology</i> , 1972, 107, 711-716.	0.4	322
15	ACUTE HUMORAL REJECTION IN RENAL ALLOGRAFT RECIPIENTS: I. INCIDENCE, SEROLOGY AND CLINICAL CHARACTERISTICS1. <i>Transplantation</i> , 2001, 71, 652-658.	1.0	311
16	Temporal and spatial heterogeneity of host response to SARS-CoV-2 pulmonary infection. <i>Nature Communications</i> , 2020, 11, 6319.	12.8	203
17	PLASMA EXCHANGE AND TACROLIMUS-MYCOPHENOLATE RESCUE FOR ACUTE HUMORAL REJECTION IN KIDNEY TRANSPLANTATION1. <i>Transplantation</i> , 1998, 66, 1460-1464.	1.0	190
18	The Surgical Management of Renal Cell Carcinoma. <i>Journal of Urology</i> , 1972, 107, 705-710.	0.4	183

#	ARTICLE	IF	CITATIONS
19	Kidney Transplantation: Mechanisms of Rejection and Acceptance. Annual Review of Pathology: Mechanisms of Disease, 2008, 3, 189-220.	22.4	182
20	Pros and cons for C4d as a biomarker. Kidney International, 2012, 81, 628-639.	5.2	170
21	NK Cells Can Trigger Allograft Vasculopathy: The Role of Hybrid Resistance in Solid Organ Allografts. Journal of Immunology, 2005, 175, 3424-3430.	0.8	158
22	Biopsy transcriptome expression profiling to identify kidney transplants at risk of chronic injury: a multicentre, prospective study. Lancet, The, 2016, 388, 983-993.	13.7	148
23	Dietary fish oil reduces progression of established renal disease in (NZB × NZW)F1 mice and delays renal disease in BXSB and MRL/lpr strains. Arthritis and Rheumatism, 1986, 29, 539-546.	6.7	145
24	ALLOANTIBODY- AND T CELL-MEDIATED IMMUNITY IN THE PATHOGENESIS OF TRANSPLANT ARTERIOSCLEROSIS. Transplantation, 1997, 64, 1531-1536.	1.0	142
25	Overlapping pathways to transplant glomerulopathy: chronic humoral rejection, hepatitis C infection, and thrombotic microangiopathy. Kidney International, 2011, 80, 879-885.	5.2	130
26	Banff 2019 Meeting Report: Molecular diagnostics in solid organ transplantation—Consensus for the Banff Human Organ Transplant (B-HOT) gene panel and open source multicenter validation. American Journal of Transplantation, 2020, 20, 2305-2317.	4.7	119
27	Chronic allograft nephropathy. Current Opinion in Nephrology and Hypertension, 2005, 14, 229-234.	2.0	107
28	Thrombophilia associated with anti-CD154 monoclonal antibody treatment and its prophylaxis in nonhuman primates. Transplantation, 2004, 77, 460-462.	1.0	103
29	Safety and efficacy of eculizumab in the prevention of antibody-mediated rejection in living-donor kidney transplant recipients requiring desensitization therapy: A randomized trial. American Journal of Transplantation, 2019, 19, 2876-2888.	4.7	95
30	Chronic Allograft Nephropathy. New England Journal of Medicine, 2003, 349, 2288-2290.	27.0	94
31	Pegunigalsidase alfa, a novel PEGylated enzyme replacement therapy for Fabry disease, provides sustained plasma concentrations and favorable pharmacodynamics: A 1-year Phase 1/2 clinical trial. Journal of Inherited Metabolic Disease, 2019, 42, 534-544.	3.6	86
32	Early Acceptance of Renal Allografts in Mice Is Dependent on Foxp3+ Cells. American Journal of Pathology, 2011, 178, 1635-1645.	3.8	82
33	Chronic Humoral Rejection of Human Kidney Allografts Associates With Broad Autoantibody Responses. Transplantation, 2010, 89, 1239-1246.	1.0	81
34	Xenotransplantation of pig kidneys to nonhuman primates: I. Development of the model. Xenotransplantation, 1995, 2, 264-270.	2.8	76
35	Tolerance, Mixed Chimerism, and Chronic Transplant Arteriopathy. Journal of Immunology, 2001, 167, 5731-5740.	0.8	76
36	Spontaneous Renal Allograft Acceptance Associated with “Regulatory” Dendritic Cells and IDO. Journal of Immunology, 2008, 180, 3103-3112.	0.8	75

#	ARTICLE	IF	CITATIONS
37	CORONARY ATHEROSCLEROSIS IN TRANSPLANTED MOUSE HEARTS. <i>Transplantation</i> , 1994, 57, 1367-1371.	1.0	71
38	Penis Transplantation. <i>Annals of Surgery</i> , 2018, 267, 983-988.	4.2	68
39	A Peripheral Blood Gene Expression Signature to Diagnose Subclinical Acute Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1481-1494.	6.1	67
40	Efficacy of the pharmacologic chaperone migalastat in a subset of male patients with the classic phenotype of Fabry disease and migalastat-amenable variants: data from the phase 3 randomized, multicenter, double-blind clinical trial and extension study. <i>Genetics in Medicine</i> , 2019, 21, 1987-1997.	2.4	66
41	Biomarkers and Surrogate Endpoints in Renal Transplantation: Present Status and Considerations for Clinical Trial Design. <i>American Journal of Transplantation</i> , 2004, 4, 451-457.	4.7	64
42	Kidney transplantation from triple-knockout pigs expressing multiple human proteins in cynomolgus macaques. <i>American Journal of Transplantation</i> , 2022, 22, 46-57.	4.7	64
43	Expression of cell adhesion molecules in human melanoma cell lines and their role in cytotoxicity mediated by tumor-infiltrating lymphocytes. <i>Cancer</i> , 1992, 69, 1165-1173.	4.1	62
44	Haptoglobin or Hemopexin Therapy Prevents Acute Adverse Effects of Resuscitation After Prolonged Storage of Red Cells. <i>Circulation</i> , 2016, 134, 945-960.	1.6	61
45	Role of complement and NK cells in antibody mediated rejection. <i>Human Immunology</i> , 2012, 73, 1226-1232.	2.4	60
46	Regulatory, Effector, and Cytotoxic T Cell Profiles in Long-Term Kidney Transplant Patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1113-1122.	6.1	59
47	Diagnostic challenges in chronic antibody-mediated rejection. <i>Nature Reviews Nephrology</i> , 2012, 8, 255-257.	9.6	48
48	Suppressive Regulatory T Cell Activity Is Potentiated by Glycogen Synthase Kinase 3 β Inhibition. <i>Journal of Biological Chemistry</i> , 2010, 285, 32852-32859.	3.4	47
49	Chronic alloantibody mediated rejection. <i>Seminars in Immunology</i> , 2012, 24, 115-121.	5.6	47
50	Pathology of Chronic Humoral Rejection. <i>Contributions To Nephrology</i> , 2008, 162, 75-86.	1.1	45
51	Reaction of Normal Human Lymphocytes and Chronic Lymphocytic Leukemia Cells With an Antithymocyte Antiserum. <i>Blood</i> , 1973, 41, 417-423.	1.4	40
52	C4d deposition in allografts: current concepts and interpretation. <i>Transplantation Reviews</i> , 2005, 19, 65-77.	2.9	37
53	Recipient APOL1 risk alleles associate with death-censored renal allograft survival and rejection episodes. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	33
54	Emerging role of B cells in chronic allograft dysfunction. <i>Kidney International</i> , 2010, 78, S13-S17.	5.2	32

#	ARTICLE	IF	CITATIONS
55	Fibronectin in developing rabbit cornea. <i>Current Eye Research</i> , 1984, 3, 489-499.	1.5	28
56	Deep learning identified pathological abnormalities predictive of graft loss in kidney transplant biopsies. <i>Kidney International</i> , 2022, 101, 288-298.	5.2	28
57	Lupus-Like Immune Complex-Mediated Glomerulonephritis in Patients With Hepatitis C Virus Infection Treated With Oral, Interferon-Free, Direct-Acting Antiviral Therapy. <i>Kidney International Reports</i> , 2016, 1, 135-143.	0.8	26
58	Pretransplant transcriptomic signature in peripheral blood predicts early acute rejection. <i>JCI Insight</i> , 2019, 4, .	5.0	26
59	Genome-wide non-HLA donor-recipient genetic differences influence renal allograft survival via early allograft fibrosis. <i>Kidney International</i> , 2020, 98, 758-768.	5.2	25
60	Granulomatous Interstitial Nephritis as a Manifestation of Crohn Disease. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 125-127.	2.5	23
61	Migalastat improves diarrhea in patients with Fabry disease: clinical-biomarker correlations from the phase 3 FACETS trial. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 68.	2.7	23
62	Graft vasculopathy of vascularized composite allografts in humans: a literature review and retrospective study. <i>Transplant International</i> , 2019, 32, 831-838.	1.6	23
63	The SLAM family member CD48 (Slamf2) protects lupus-prone mice from autoimmune nephritis. <i>Journal of Autoimmunity</i> , 2011, 37, 48-57.	6.5	22
64	Vasculopathy and Increased Vascular Congestion in Fatal COVID-19 and Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 857-873.	5.6	19
65	3-dimensional digital reconstruction of the murine coronary system for the evaluation of chronic allograft vasculopathy. <i>Diagnostic Pathology</i> , 2015, 10, 16.	2.0	17
66	Viral integration in BK polyomavirus-associated urothelial carcinoma in renal transplant recipients: multistage carcinogenesis revealed by next-generation virome capture sequencing. <i>Oncogene</i> , 2020, 39, 5734-5742.	5.9	17
67	DNA flow cytometry of epithelioid sarcoma. <i>Cancer</i> , 1992, 70, 2823-2826.	4.1	16
68	Glomerular disease with idiopathic linear immunoglobulin deposition: a rose by any other name would be atypical. <i>Kidney International</i> , 2016, 89, 750-752.	5.2	16
69	Coronary Artery Disease From Isolated Non-H2-Determined Incompatibilities in Transplanted Mouse Hearts. <i>Transplantation</i> , 2011, 91, 847-852.	1.0	15
70	Long-term Kinetics of Intragraft Gene Signatures in Renal Allograft Tolerance Induced by Transient Mixed Chimerism. <i>Transplantation</i> , 2019, 103, e334-e344.	1.0	15
71	Contributions of Direct and Indirect Alloresponses to Chronic Rejection of Kidney Allografts in Nonhuman Primates. <i>Journal of Immunology</i> , 2011, 187, 4589-4597.	0.8	14
72	Plasmacytoid Dendritic Cell-driven Induction of Treg Is Strain Specific and Correlates With Spontaneous Acceptance of Kidney Allografts. <i>Transplantation</i> , 2020, 104, 39-53.	1.0	13

#	ARTICLE	IF	CITATIONS
73	Toward Development of the Delayed Tolerance Induction Protocol for Vascularized Composite Allografts in Nonhuman Primates. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 757e-768e.	1.4	13
74	Non-invasive Detection of Immunotherapy-Induced Adverse Events. <i>Clinical Cancer Research</i> , 2021, 27, 5353-5364.	7.0	13
75	Xenotransplantation—caution, but no moratorium. <i>Nature Medicine</i> , 1998, 4, 372-372.	30.7	12
76	The pathology of solid organ xenotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 535-542.	1.6	12
77	Expression of fibronectin isoforms in rat cornea after an epithelial-scraper wound. <i>Current Eye Research</i> , 1994, 13, 325-330.	1.5	10
78	Kidney-induced systemic tolerance of heart allografts in mice. <i>JCI Insight</i> , 2020, 5, .	5.0	10
79	Clinical features of acute kidney injury in patients receiving dabrafenib and trametinib. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 507-514.	0.7	10
80	Novel intragraft regulatory lymphoid structures in kidney allograft tolerance. <i>American Journal of Transplantation</i> , 2022, 22, 705-716.	4.7	10
81	Immunomodulatory Strategies Directed Toward Tolerance of Vascularized Composite Allografts. <i>Transplantation</i> , 2015, 99, 1590-1597.	1.0	9
82	Systematic pathological component scores for skin-containing vascularized composite allografts. <i>Vascularized Composite Allotransplantation</i> , 2016, 3, 62-74.	0.5	8
83	Genome-wide profiling of BK polyomavirus integration in bladder cancer of kidney transplant recipients reveals mechanisms of the integration at the nucleotide level. <i>Oncogene</i> , 2021, 40, 46-54.	5.9	8
84	Resolution of a High Grade and Metastatic BK Polyomavirus-Associated Urothelial Cell Carcinoma Following Radical Allograft Nephroureterectomy and Immune Checkpoint Treatment: A Case Report. <i>Transplantation Proceedings</i> , 2020, 52, 2720-2725.	0.6	6
85	Kidney xenotransplantation in a brain-dead donor: Glass half-full or half-empty?. <i>American Journal of Transplantation</i> , 2022, , .	4.7	6
86	CADI, Canti, Cavi 1. <i>Transplantation</i> , 2007, 83, 677-678.	1.0	4
87	Renal transplant pathology: An update. <i>Current Diagnostic Pathology</i> , 2007, 13, 15-24.	0.4	4
88	Cutaneous leukocyte lineages in tolerant large animal and immunosuppressed clinical vascularized composite allograft recipients. <i>American Journal of Transplantation</i> , 2021, 21, 582-592.	4.7	4
89	Pathology of Kidney Transplantation. , 2014, , 377-410.		3
90	Case 34-2020: A 74-Year-Old Man with Chronic Kidney Disease. <i>New England Journal of Medicine</i> , 2020, 383, 1768-1778.	27.0	3

#	ARTICLE	IF	CITATIONS
91	Pathology of Kidney Transplantation. , 2008, , 383-415.		3
92	Major complications ??? pathology of chronic rejection. , 0, , 38-45.		2
93	Hydroxyurea for Treatment of Nephrotic Syndrome Associated With Polycythemia Vera. American Journal of Kidney Diseases, 2016, 68, 465-468.	1.9	2
94	Both platelets and fibrin deposition are increased in the glomeruli of mice after treatment with Shiga toxin-2. Kidney International, 2017, 92, 1556-1557.	5.2	2
95	Local FK506 implants in non-human primates to prevent early acute rejection in vascularized composite allografts. Annals of Translational Medicine, 2021, 9, 1070-1070.	1.7	2
96	Pathology of Kidney Transplantation. , 2019, , 379-417.		0
97	Prediction is hard, especially regarding the future a. American Journal of Transplantation, 2021, 21, 1357-1358.	4.7	0
98	The TEMPI Syndrome: Telangiectasias, Elevated Erythropoietin and Erythrocytosis, Monoclonal Gammopathy, Perinephric Fluid Collections, and Intrapulmonary Shunting. Blood, 2011, 118, 1037-1037.	1.4	0
99	Allograft Rejection. , 2014, , 197-216.		0