

Robert F Balshaw

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,452
citations

172207

29
h-index

155451

55
g-index

105
all docs

105
docs citations

105
times ranked

5069
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | New Onset Diabetes Mellitus in Patients Receiving Calcineurin Inhibitors: A Systematic Review and Meta-Analysis. <i>American Journal of Transplantation</i> , 2004, 4, 583-595. | 2.6 | 432 |
| 2 | Eprodisate for the Treatment of Renal Disease in AA Amyloidosis. <i>New England Journal of Medicine</i> , 2007, 356, 2349-2360. | 13.9 | 240 |
| 3 | Health-related quality of life, work productivity, and health care resource utilization of subjects with irritable bowel syndrome: Baseline results from logic (longitudinal outcomes study of) Tj ETQq1 1 0.784314 rgBT /Overlap 10 Tt | 1.0 | 10 |
| 4 | Evaluation of renal function in liver transplant recipients receiving daclizumab (Zenapax), mycophenolate mofetil, and a delayed, low-dose tacrolimus regimen vs. a standard-dose tacrolimus and mycophenolate mofetil regimen: A multicenter randomized clinical trial. <i>Liver Transplantation</i> , 2005, 11, 1064-1072. | 1.3 | 138 |
| 5 | Modelling the combined impact of interventions in averting deaths during a synthetic opioid overdose epidemic. <i>Addiction</i> , 2019, 114, 1602-1613. | 1.7 | 124 |
| 6 | Prevalence and Predictors of Burden in Caregivers of People with Dementia. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 756-765. | 0.6 | 116 |
| 7 | A comparison of the efficacy and safety of nonsteroidal antiinflammatory agents versus acetaminophen in the treatment of osteoarthritis: A meta-analysis. <i>Arthritis and Rheumatism</i> , 2004, 51, 746-754. | 6.7 | 112 |
| 8 | Association between dinucleotide repeat in non-coding region of interferon-gamma gene and susceptibility to, and severity of, rheumatoid arthritis. <i>Lancet, The</i> , 2000, 356, 820-825. | 6.3 | 99 |
| 9 | Proteomic Signatures in Plasma during Early Acute Renal Allograft Rejection. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1954-1967. | 2.5 | 85 |
| 10 | Variation in RNA-Seq Transcriptome Profiles of Peripheral Whole Blood from Healthy Individuals with and without Globin Depletion. <i>PLoS ONE</i> , 2014, 9, e91041. | 1.1 | 80 |
| 11 | Peginterferon alfa-2a (40KD) plus ribavirin in chronic hepatitis C patients who failed previous interferon therapy. <i>Gut</i> , 2006, 55, 1631-1638. | 6.1 | 79 |
| 12 | Distribution of take-home opioid antagonist kits during a synthetic opioid epidemic in British Columbia, Canada: a modelling study. <i>Lancet Public Health, The</i> , 2018, 3, e218-e225. | 4.7 | 76 |
| 13 | Hypoglycaemia in sulphonylurea-treated subjects with type 2 diabetes undergoing Ramadan fasting: a five-country observational study. <i>Current Medical Research and Opinion</i> , 2011, 27, 1237-1242. | 0.9 | 75 |
| 14 | Immune Response Gene Polymorphisms in Renal Transplant Recipients. <i>Transplantation</i> , 2005, 80, 1773-1782. | 0.5 | 69 |
| 15 | Probability, Predictors, and Prognosis of Posttransplantation Glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 843-851. | 3.0 | 61 |
| 16 | ECONOMIC ANALYSIS OF BASILIXIMAB IN RENAL TRANSPLANTATION1. <i>Transplantation</i> , 2001, 71, 1573-1579. | 0.5 | 57 |
| 17 | Predictive Ability of Pretransplant Comorbidities to Predict Long-Term Graft Loss and Death. <i>American Journal of Transplantation</i> , 2009, 9, 494-505. | 2.6 | 51 |
| 18 | Sex Differences in Presentation and Outcome After an Acute Transient or Minor Neurologic Event. <i>JAMA Neurology</i> , 2019, 76, 962. | 4.5 | 50 |

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|----|---|-----|-----------|
| 19 | Longitudinal Clinical Findings and Outcome among <i>Cryptococcus gattii</i> Patients in British Columbia. <i>Clinical Infectious Diseases</i> , 2015, 60, 1368-76. | 2.9 | 44 |
| 20 | Whole Blood Genomic Biomarkers of Acute Cardiac Allograft Rejection. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 927-935. | 0.3 | 43 |
| 21 | Predicting tuberculosis relapse in patients treated with the standard 6-month regimen: an individual patient data meta-analysis. <i>Thorax</i> , 2019, 74, 291-297. | 2.7 | 41 |
| 22 | The negative impact of T cell-mediated rejection on renal allograft survival in the modern era. <i>American Journal of Transplantation</i> , 2022, 22, 761-771. | 2.6 | 41 |
| 23 | Computational Biomarker Pipeline from Discovery to Clinical Implementation: Plasma Proteomic Biomarkers for Cardiac Transplantation. <i>PLoS Computational Biology</i> , 2013, 9, e1002963. | 1.5 | 40 |
| 24 | Treatment of a first episode of psychotic illness with quetiapine: An analysis of 2 year outcomes. <i>Schizophrenia Research</i> , 2006, 81, 29-39. | 1.1 | 39 |
| 25 | Patients in Australian Memory Clinics: baseline characteristics and predictors of decline at six months. <i>International Psychogeriatrics</i> , 2011, 23, 1086-1096. | 0.6 | 39 |
| 26 | Meta-Analysis of Basiliximab for Immunoprophylaxis in Renal Transplantation. <i>BioDrugs</i> , 2003, 17, 271-279. | 2.2 | 34 |
| 27 | MDQC: a new quality assessment method for microarrays based on quality control reports. <i>Bioinformatics</i> , 2007, 23, 3162-3169. | 1.8 | 34 |
| 28 | Functional Genomic Analysis of Peripheral Blood During Early Acute Renal Allograft Rejection. <i>Transplantation</i> , 2009, 88, 942-951. | 0.5 | 33 |
| 29 | Excess medical costs in patients with asthma and the role of comorbidity. <i>European Respiratory Journal</i> , 2016, 48, 1584-1592. | 3.1 | 33 |
| 30 | Does executive impairment define a frontal variant of Alzheimer's disease?. <i>International Psychogeriatrics</i> , 2010, 22, 1280-1290. | 0.6 | 32 |
| 31 | A computational pipeline for the development of multi-marker bio-signature panels and ensemble classifiers. <i>BMC Bioinformatics</i> , 2012, 13, 326. | 1.2 | 31 |
| 32 | Alteration of human blood cell transcriptome in uremia. <i>BMC Medical Genomics</i> , 2013, 6, 23. | 0.7 | 31 |
| 33 | Exploring differences in response to treatment with peginterferon alpha 2a (40kD) and ribavirin in chronic hepatitis C between genotypes 2 and 3. <i>Journal of Viral Hepatitis</i> , 2007, 15, 070901052026007-??? | 1.0 | 30 |
| 34 | Molecular Signatures of End-Stage Heart Failure. <i>Journal of Cardiac Failure</i> , 2011, 17, 867-874. | 0.7 | 30 |
| 35 | A Targeted Proteomics Analysis of Cerebrospinal Fluid after Acute Human Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2054-2068. | 1.7 | 30 |
| 36 | Plasma protein biosignatures for detection of cardiac allograft vasculopathy. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 723-733. | 0.3 | 28 |

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|----|--|-----|-----------|
| 37 | Clinical trial: exposure to ribavirin predicts EVR and SVR in patients with HCV genotype 1 infection treated with peginterferon alfa-2a plus ribavirin. <i>Alimentary Pharmacology and Therapeutics</i> , 2008, 28, 43-50. | 1.9 | 27 |
| 38 | Comparing two measures of sleep depth/intensity. <i>Sleep</i> , 2020, 43, . | 0.6 | 27 |
| 39 | Estimated Impact of World Health Organization Latent Tuberculosis Screening Guidelines in a Region With a Low Tuberculosis Incidence: Retrospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2019, 69, 2101-2108. | 2.9 | 26 |
| 40 | Need for common internal controls when assessing the relative efficacy of pharmacologic agents using a meta-analytic approach: Case study of cyclooxygenase 2-selective inhibitors for the treatment of osteoarthritis. <i>Arthritis and Rheumatism</i> , 2005, 53, 510-518. | 6.7 | 24 |
| 41 | Demographic predictors of active tuberculosis in people migrating to British Columbia, Canada: a retrospective cohort study. <i>Cmaj</i> , 2018, 190, E209-E216. | 0.9 | 24 |
| 42 | Development and Validation of Apolipoprotein AI-Associated Lipoprotein Proteome Panel for the Prediction of Cholesterol Efflux Capacity and Coronary Artery Disease. <i>Clinical Chemistry</i> , 2019, 65, 282-290. | 1.5 | 24 |
| 43 | Validation of a proteomic biomarker panel to diagnose minor-stroke and transient ischaemic attack: phase 2 of SpecTRA, a large scale translational study. <i>Biomarkers</i> , 2018, 23, 793-803. | 0.9 | 23 |
| 44 | A syndemic approach to assess the effect of substance use and social disparities on the evolution of HIV/HCV infections in British Columbia. <i>PLoS ONE</i> , 2017, 12, e0183609. | 1.1 | 23 |
| 45 | Biomarkers in transplantation: Prospective, blinded measurement of predictive value for the flow cytometry crossmatch after negative antiglobulin crossmatch in kidney transplantation. <i>Kidney International</i> , 2006, 70, 1474-1481. | 2.6 | 21 |
| 46 | Verification of a proteomic biomarker panel to diagnose minor stroke and transient ischaemic attack: phase 1 of SpecTRA, a large scale translational study. <i>Biomarkers</i> , 2018, 23, 392-405. | 0.9 | 21 |
| 47 | Medication decisions and clinical outcomes in the Canadian National Outcomes Measurement Study in Schizophrenia. <i>Acta Psychiatrica Scandinavica</i> , 2006, 113, 12-21. | 2.2 | 19 |
| 48 | Associations between extreme precipitation and acute gastro-intestinal illness due to cryptosporidiosis and giardiasis in an urban Canadian drinking water system (1997-2009). <i>Journal of Water and Health</i> , 2017, 15, 898-907. | 1.1 | 19 |
| 49 | Randomized Controlled Ferret Study to Assess the Direct Impact of 2008-09 Trivalent Inactivated Influenza Vaccine on A(H1N1)pdm09 Disease Risk. <i>PLoS ONE</i> , 2014, 9, e86555. | 1.1 | 19 |
| 50 | Two-Stage, In Silico Deconvolution of the Lymphocyte Compartment of the Peripheral Whole Blood Transcriptome in the Context of Acute Kidney Allograft Rejection. <i>PLoS ONE</i> , 2014, 9, e95224. | 1.1 | 18 |
| 51 | Novel Blood-based Transcriptional Biomarker Panels Predict the Late-Phase Asthmatic Response. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 450-462. | 2.5 | 18 |
| 52 | Outcome on quality of life in a Canadian national sample of patients with schizophrenia and related psychotic disorders. <i>Acta Psychiatrica Scandinavica</i> , 2006, 113, 22-28. | 2.2 | 17 |
| 53 | Risk Factors for Progression of Alzheimer Disease in a Canadian Population: The Canadian Outcomes Study in Dementia (COSID). <i>Canadian Journal of Psychiatry</i> , 2015, 60, 189-199. | 0.9 | 17 |
| 54 | Predicting acute cardiac rejection from donor heart and pre-transplant recipient blood gene expression. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 259-265. | 0.3 | 16 |

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|----|--|-----|-----------|
| 55 | Predicting tuberculosis risk in the foreign-born population of British Columbia, Canada: study protocol for a retrospective population-based cohort study. <i>BMJ Open</i> , 2016, 6, e013488. | 0.8 | 15 |
| 56 | Comparison of rates of opioid withdrawal symptoms and reversal of opioid toxicity in patients treated with two naloxone dosing regimens: a retrospective cohort study. <i>Clinical Toxicology</i> , 2021, 59, 38-46. | 0.8 | 15 |
| 57 | The Canadian National Outcomes Measurement Study in Schizophrenia: overview of the patient sample and methodology. <i>Acta Psychiatrica Scandinavica</i> , 2006, 113, 4-11. | 2.2 | 14 |
| 58 | The use of consensus guidelines for management of cytomegalovirus infection in renal transplantation. <i>Kidney International</i> , 2007, 72, 1014-1022. | 2.6 | 13 |
| 59 | Factors Affecting Sons' and Daughters' Caregiving to Older Parents. <i>Canadian Journal on Aging</i> , 1994, 13, 454-469. | 0.6 | 12 |
| 60 | Proteomic biomarkers of recovered heart function. <i>European Journal of Heart Failure</i> , 2014, 16, 551-559. | 2.9 | 12 |
| 61 | White Blood Cell Differentials Enrich Whole Blood Expression Data in the Context of Acute Cardiac Allograft Rejection. <i>Bioinformatics and Biology Insights</i> , 2012, 6, BBI.S9197. | 1.0 | 11 |
| 62 | Considerations for adaptive design in pediatric clinical trials: study protocol for a systematic review, mixed-methods study, and integrated knowledge translation plan. <i>Trials</i> , 2018, 19, 572. | 0.7 | 11 |
| 63 | Screening for Latent Tuberculosis Infection in Migrants With CKD: A Cost-effectiveness Analysis. <i>American Journal of Kidney Diseases</i> , 2019, 73, 39-50. | 2.1 | 11 |
| 64 | HEARTBIT: A Transcriptomic Signature for Excluding Acute Cellular Rejection in Adult Heart Allograft Patients. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1217-1227. | 0.8 | 11 |
| 65 | Randomised clinical trial: the efficacy of treatment, guided by a shorter duration of response, using peginterferon alfa-2a plus ribavirin for hepatitis C virus other than genotypes 2 or 3. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 37-47. | 1.9 | 10 |
| 66 | High-frequency vs. conventional ventilation at the time of CDH repair is not associated with higher mortality and oxygen dependency: a retrospective cohort study. <i>Pediatric Surgery International</i> , 2020, 36, 1275-1280. | 0.6 | 10 |
| 67 | Expression of QK/QR/RRRAA or DERAA motifs at the third hypervariable region of HLA-DRB1 and disease severity in rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2002, 29, 1358-65. | 1.0 | 10 |
| 68 | Probabilistic Modeling of Cytomegalovirus Infection Under Consensus Clinical Management Guidelines. <i>Transplantation</i> , 2009, 87, 570-577. | 0.5 | 9 |
| 69 | A Semiparametric Model for the Analysis of Recurrent-Event Panel Data. <i>Biometrics</i> , 2002, 58, 324-331. | 0.8 | 8 |
| 70 | An Economic Model of 2-Hour Post-Dose Cyclosporin Monitoring in Renal Transplantation. <i>Pharmacoeconomics</i> , 2004, 22, 621-632. | 1.7 | 8 |
| 71 | Longitudinal Analysis of Whole Blood Transcriptomes to Explore Molecular Signatures Associated with Acute Renal Allograft Rejection. <i>Bioinformatics and Biology Insights</i> , 2014, 8, BBI.S13376. | 1.0 | 8 |
| 72 | White Matter Hyperintensity Volume Influences Symptoms in Patients Presenting With Minor Neurological Deficits. <i>Stroke</i> , 2020, 51, 409-415. | 1.0 | 8 |

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|----|--|-----|-----------|
| 73 | Enumerateblood – an R package to estimate the cellular composition of whole blood from Affymetrix Gene ST gene expression profiles. <i>BMC Genomics</i> , 2017, 18, 43. | 1.2 | 7 |
| 74 | Effect of opioid-substitution therapy and mental health counseling on HIV risk among hepatitis C-infected individuals. <i>Clinical Epidemiology</i> , 2018, Volume 10, 1127-1145. | 1.5 | 7 |
| 75 | Relaxation of social distancing restrictions: Model estimated impact on COVID-19 epidemic in Manitoba, Canada. <i>PLoS ONE</i> , 2021, 16, e0244537. | 1.1 | 7 |
| 76 | Vaccine targeting SIVmac251 protease cleavage sites protects macaques against vaginal infection. <i>Journal of Clinical Investigation</i> , 2020, 130, 6429-6442. | 3.9 | 7 |
| 77 | Effects of Sample Timing and Treatment on Gene Expression in Early Acute Renal Allograft Rejection. <i>Transplantation</i> , 2011, 91, 323-329. | 0.5 | 6 |
| 78 | A novel Bayesian approach to predicting reductions in HIV incidence following increased testing interventions among gay, bisexual and other men who have sex with men in Vancouver, Canada. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170849. | 1.5 | 6 |
| 79 | Sustained Reduction in Sexual Behavior that May Pose a Risk of HIV Transmission Following Diagnosis During Early HIV Infection Among Gay Men in Vancouver, British Columbia. <i>AIDS and Behavior</i> , 2018, 22, 2068-2078. | 1.4 | 6 |
| 80 | Retrospective evaluation of a clinical decision support tool for effective computed tomography angiography utilization in urgent brain imaging of suspected TIA/minor stroke in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 343-351. | 0.5 | 6 |
| 81 | Evaluation of Transfusion Practices in Noncardiac Surgeries at High Risk for Red Blood Cell Transfusion: A Retrospective Cohort Study. <i>Transfusion Medicine Reviews</i> , 2021, 35, 16-21. | 0.9 | 6 |
| 82 | Longitudinal analysis of whole blood transcriptomes to explore molecular signatures associated with acute renal allograft rejection. <i>Bioinformatics and Biology Insights</i> , 2014, 8, 17-33. | 1.0 | 6 |
| 83 | Integrating genetic assistants into the workforce: An 18-year productivity analysis and development of a staff mix planning tool. <i>Journal of Genetic Counseling</i> , 2022, 31, 1183-1192. | 0.9 | 6 |
| 84 | Resource utilization in a Canadian national study of people with schizophrenia and related psychotic disorders. <i>Acta Psychiatrica Scandinavica</i> , 2006, 113, 29-39. | 2.2 | 5 |
| 85 | A Matched Cohort Pharmacoepidemiological Analysis of Steroid Free Immunosuppression in Renal Transplantation. <i>Transplantation</i> , 2009, 87, 672-680. | 0.5 | 5 |
| 86 | Cohort profile: development and characteristics of a retrospective cohort of individuals dispensed prescription opioids for non-cancer pain in British Columbia, Canada. <i>BMJ Open</i> , 2021, 11, e043586. | 0.8 | 5 |
| 87 | Transfusion in orthopaedic surgery. <i>Bone & Joint Open</i> , 2021, 2, 850-857. | 1.1 | 5 |
| 88 | Identifying HCV genotype 1 patients at risk of relapse. <i>European Journal of Gastroenterology and Hepatology</i> , 2010, 22, 546-551. | 0.8 | 4 |
| 89 | Validation of a multivariate clinical prediction model for the diagnosis of mild stroke/transient ischemic attack in physician first-contact patient settings. <i>Health Informatics Journal</i> , 2019, 25, 1148-1157. | 1.1 | 4 |
| 90 | Prophylactic tranexamic acid use in non-cardiac surgeries at high risk for transfusion. <i>Transfusion Medicine</i> , 2021, 31, 236-242. | 0.5 | 4 |

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|-----|---|-----|-----------|
| 91 | Musculoskeletal deformities in children with congenital thoracic malformations: a population-based cohort study. <i>Pediatric Surgery International</i> , 2022, 38, 731-736. | 0.6 | 4 |
| 92 | Two-Hour Post-Dose Cyclosporine Levels in Renal Transplantation in Argentina: A Cost-Effective Strategy for Reducing Acute Rejection. <i>Transplantation Proceedings</i> , 2005, 37, 871-874. | 0.3 | 3 |
| 93 | Cardiac structure and function in youth with type 2 diabetes in the iCARE cohort study: Cross-sectional associations with prenatal exposure to diabetes and metabolomic profiles. <i>Pediatric Diabetes</i> , 2020, 21, 233-242. | 1.2 | 3 |
| 94 | How Well Does TSTin3D Predict Risk of Active Tuberculosis in the Canadian Immigrant Population? An External Validation Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e3486-e3495. | 2.9 | 3 |
| 95 | Exploring phlebotomy technique as a pre-analytical factor in proteomic analyses by mass spectrometry. <i>Genome</i> , 2015, 58, 569-576. | 0.9 | 2 |
| 96 | What can we learn by examining variations in the use of urine culture in the management of acute cystitis? A retrospective cohort study with linked administrative data in British Columbia, Canada, 2005-2011. <i>PLoS ONE</i> , 2019, 14, e0213534. | 1.1 | 2 |
| 97 | Characteristics of vomiting as a predictor of intracranial injury in pediatric minor head injury. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 793-801. | 0.5 | 2 |
| 98 | Respiratory outcomes in the first 10 years of life in children with gastroschisis: A retrospective cohort study. <i>Pediatric Pulmonology</i> , 2021, 56, 2302-2311. | 1.0 | 2 |
| 99 | Efficient panel designs for longitudinal recurrent event studies recording panel counts. <i>Biostatistics</i> , 2014, 15, 234-250. | 0.9 | 1 |
| 100 | A noninferiority design for a delayed calcineurin inhibitor substitution trial in kidney transplantation. <i>American Journal of Transplantation</i> , 2021, 21, 1503-1512. | 2.6 | 1 |
| 101 | A Computable Phenotype Model for Classification of Men Who Have Sex With Men Within a Large Linked Database of Laboratory, Surveillance, and Administrative Healthcare Records. <i>Frontiers in Digital Health</i> , 2020, 2, 547324. | 1.5 | 1 |
| 102 | HEARTBIT. <i>Transplantation</i> , 2018, 102, S179. | 0.5 | 0 |
| 103 | Red Blood Cell Transfusion and the Use of Intravenous Iron in Iron Deficient Patients Presenting to the Emergency Department. <i>Blood</i> , 2020, 136, 1-2. | 0.6 | 0 |