

Scott J Tebbutt

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6179988/scott-j-tebbutt-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

2,094
citations

24
h-index

42
g-index

113
ext. papers

2,883
ext. citations

5
avg, IF

4.9
L-index

#	Paper	IF	Citations
100	Dibutyl phthalate exposure alters T-cell subsets in blood from allergen-sensitized volunteers.. <i>Indoor Air</i> , 2022 , 32, e13026	5.4	
99	Long-term effects on survivors with COVID-19. <i>Lancet, The</i> , 2021 , 398, 1872	40	1
98	Machine Learning-Based Single Cell and Integrative Analysis Reveals That Baseline mDC Predisposition Correlates With Hepatitis B Vaccine Antibody Response. <i>Frontiers in Immunology</i> , 2021 , 12, 690470	8.4	0
97	Immunological changes in peripheral blood following nasal allergen challenge in subjects with allergic rhinitis pre- and post-peptide immunotherapy: An open-label clinical study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1907-1911	9.3	3
96	Biogeography of the Relationship between the Child Gut Microbiome and Innate Immune System. <i>MBio</i> , 2021 , 12,	7.8	2
95	Cholinergic Synapse Pathway Gene Polymorphisms Associated With Late-Phase Responses in Allergic Rhinitis.. <i>Frontiers in Allergy</i> , 2021 , 2, 724328	0	1
94	Epigenetic blood biomarkers of aging and mortality in COPD. <i>European Respiratory Journal</i> , 2021 ,	13.6	0
93	Ontogeny of plasma cytokine and chemokine concentrations across the first week of human life. <i>Cytokine</i> , 2021 , 148, 155704	4	1
92	Balancing the Risks and Benefits of COVID-19 Vaccination for Pregnant Women and Their Children.. <i>Frontiers in Immunology</i> , 2021 , 12, 748456	8.4	
91	Clinical Protocol for a Longitudinal Cohort Study Employing Systems Biology to Identify Markers of Vaccine Immunogenicity in Newborn Infants in The Gambia and Papua New Guinea. <i>Frontiers in Pediatrics</i> , 2020 , 8, 197	3.4	7
90	BCG vaccination-induced emergency granulopoiesis provides rapid protection from neonatal sepsis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	35
89	Interferon- γ Treatment for COVID-19. <i>Frontiers in Immunology</i> , 2020 , 11, 1061	8.4	213
88	HEARTBiT: A Transcriptomic Signature for Excluding Acute Cellular Rejection in Adult Heart Allograft Patients. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1217-1227	3.8	7
87	Innate Immune Responses and Gut Microbiomes Distinguish HIV-Exposed from HIV-Unexposed Children in a Population-Specific Manner. <i>Journal of Immunology</i> , 2020 , 205, 2618-2628	5.3	4
86	Systems Biology Methods Applied to Blood and Tissue for a Comprehensive Analysis of Immune Response to Hepatitis B Vaccine in Adults. <i>Frontiers in Immunology</i> , 2020 , 11, 580373	8.4	8
85	Analytical Validation of HEARTBiT: A Blood-Based Multiplex Gene Expression Profiling Assay for Exclusionary Diagnosis of Acute Cellular Rejection in Heart Transplant Patients. <i>Clinical Chemistry</i> , 2020 , 66, 1063-1071	5.5	4
84	Preparing for Life: Plasma Proteome Changes and Immune System Development During the First Week of Human Life. <i>Frontiers in Immunology</i> , 2020 , 11, 578505	8.4	4

83	Multi-Omic Data Integration Allows Baseline Immune Signatures to Predict Hepatitis B Vaccine Response in a Small Cohort. <i>Frontiers in Immunology</i> , 2020 , 11, 578801	8.4	9
82	Blood biomarkers to predict short-term pulmonary exacerbation risk in children and adolescents with CF: A pilot study. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 49-51	4.1	4
81	Dibutyl Phthalate Augments Allergen-induced Lung Function Decline and Alters Human Airway Immunology. A Randomized Crossover Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 672-680	10.2	15
80	A cloud-based bioinformatic analytic infrastructure and Data Management Core for the Expanded Program on Immunization Consortium. <i>Journal of Clinical and Translational Science</i> , 2020 , 5, e52	0.4	1
79	Ensembling Electrical and Proteogenomics Biomarkers for Improved Prediction of Cardiac-Related 3-Month Hospitalizations: A Pilot Study. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 471-479	3.8	2
78	DIABLO: an integrative approach for identifying key molecular drivers from multi-omics assays. <i>Bioinformatics</i> , 2019 , 35, 3055-3062	7.2	178
77	Dynamic molecular changes during the first week of human life follow a robust developmental trajectory. <i>Nature Communications</i> , 2019 , 10, 1092	17.4	79
76	Proteomic Profiling to Identify Blood Biomarkers Predictive of Response to Azithromycin in Children and Adolescents With Cystic Fibrosis. <i>Chest</i> , 2019 , 156, 667-673	5.3	4
75	Treg gene signatures predict and measure type 1 diabetes trajectory. <i>JCI Insight</i> , 2019 , 4,	9.9	10
74	Delivering the Personalized Medicine Promise 2019 , 306-312		
73	Can Big Data Analytics Recapitulate Biology? A Survey of Multi-omics Data Integration Approaches 2019 , 596-607		
72	Phagocytosis of by Human Bronchial Epithelial Cells Is Mediated by the Arp2/3 Complex and WIPF2. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 16	5.9	7
71	Effects of low-intensity and high-intensity cycling with diesel exhaust exposure on soluble P-selectin, E-selectin, I-CAM-1, VCAM-1 and complete blood count. <i>BMJ Open Sport and Exercise Medicine</i> , 2019 , 5, e000625	3.4	6
70	Cholinergic synapse pathway gene polymorphisms associated with allergen-induced late asthmatic responses. <i>ERJ Open Research</i> , 2019 , 5,	3.5	3
69	Identification of novel blood biomarkers of treatment response in cystic fibrosis pulmonary exacerbations by label-free quantitative proteomics. <i>Scientific Reports</i> , 2019 , 9, 17126	4.9	7
68	Whole blood vs PBMC: compartmental differences in gene expression profiling exemplified in asthma. <i>Allergy, Asthma and Clinical Immunology</i> , 2019 , 15, 67	3.2	10
67	The association of <i>Leptospermum</i> honey with cytokine expression in the sinonasal epithelium of chronic rhinosinusitis patients. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2019 , 5, 19-25	2.6	8
66	The effect of low and high-intensity cycling in diesel exhaust on flow-mediated dilation, circulating NOx, endothelin-1 and blood pressure. <i>PLoS ONE</i> , 2018 , 13, e0192419	3.7	27

65	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	10.2	6
64	Multiple reaction monitoring mass spectrometry to identify novel plasma protein biomarkers of treatment response in cystic fibrosis pulmonary exacerbations. <i>Journal of Cystic Fibrosis</i> , 2018 , 17, 333-340	4.1	5
63	A Bloody Primer: Analysis of RNA-Seq from Tissue Admixtures. <i>Methods in Molecular Biology</i> , 2018 , 1712, 175-201	1.4	1
62	HEARTBIT. <i>Transplantation</i> , 2018 , 102, S179	1.8	
61	Transcriptomic and proteomic host response to <i>Aspergillus fumigatus</i> conidia in an air-liquid interface model of human bronchial epithelium. <i>PLoS ONE</i> , 2018 , 13, e0209652	3.7	19
60	Effects of Controlled Diesel Exhaust and Allergen Exposure on microRNA and Gene Expression in Humans. Modulation of Lung Inflammatory Markers Associated with Asthma. <i>Annals of the American Thoracic Society</i> , 2018 , 15, S130-S131	4.7	3
59	Exosomal miR-142-3p is increased during cardiac allograft rejection and augments vascular permeability through down-regulation of endothelial RAB11FIP2 expression. <i>Cardiovascular Research</i> , 2017 , 113, 440-452	9.9	38
58	Diagnosis of Western Red Cedar Asthma Using a Blood-based Gene Expression Biomarker Panel. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1615-1617	10.2	5
57	Angiopoietin-like 4 Enhances the Proliferation and Migration of Tendon Fibroblasts. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1769-1777	1.2	7
56	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	4.5	7
55	Modes of Infant Feeding and the Risk of Childhood Asthma: A Prospective Birth Cohort Study. <i>Journal of Pediatrics</i> , 2017 , 190, 192-199.e2	3.6	69
54	Investigating Immune Gene Signatures in Peripheral Blood from Subjects with Allergic Rhinitis Undergoing Nasal Allergen Challenge. <i>Journal of Immunology</i> , 2017 , 199, 3395-3405	5.3	4
53	Association of Serum MiR-142-3p and MiR-101-3p Levels with Acute Cellular Rejection after Heart Transplantation. <i>PLoS ONE</i> , 2017 , 12, e0170842	3.7	36
52	Differentiating heart failure phenotypes using sex-specific transcriptomic and proteomic biomarker panels. <i>ESC Heart Failure</i> , 2017 , 4, 301-311	3.7	24
51	Investigating Blood-Based, Cell-Specific Biomarkers of Acute Cardiac Allograft Rejection. <i>Transplantation</i> , 2017 , 101, S23	1.8	
50	Immunological Serum Protein Profiles for Noninvasive Detection of Acute Cellular Rejection After Heart Transplantation. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2946-2947	15.1	2
49	Canadian Society of Allergy and Clinical Immunology annual scientific meeting 2016. <i>Allergy, Asthma and Clinical Immunology</i> , 2017 , 13,	3.2	1
48	AllerGen [®] 8th research conference. <i>Allergy, Asthma and Clinical Immunology</i> , 2016 , 12,	3.2	78

47	Discovery of novel plasma protein biomarkers to predict imminent cystic fibrosis pulmonary exacerbations using multiple reaction monitoring mass spectrometry. <i>Thorax</i> , 2016 , 71, 216-22	7.3	29
46	A Regulatory T-Cell Gene Signature Is a Specific and Sensitive Biomarker to Identify Children With New-Onset Type 1 Diabetes. <i>Diabetes</i> , 2016 , 65, 1031-9	0.9	41
45	COPD Exacerbation Biomarkers Validated Using Multiple Reaction Monitoring Mass Spectrometry. <i>PLoS ONE</i> , 2016 , 11, e0161129	3.7	16
44	Interactions of <i>Aspergillus fumigatus</i> Conidia with Airway Epithelial Cells: A Critical Review. <i>Frontiers in Microbiology</i> , 2016 , 7, 472	5.7	68
43	SABRE: a method for assessing the stability of gene modules in complex tissues and subject populations. <i>BMC Bioinformatics</i> , 2016 , 17, 460	3.6	10
42	Systems Biology Approaches for Host-Fungal Interactions: An Expanding Multi-Omics Frontier. <i>OMICS A Journal of Integrative Biology</i> , 2016 , 20, 127-38	3.8	30
41	Controlled diesel exhaust and allergen coexposure modulates microRNA and gene expression in humans: Effects on inflammatory lung markers. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 1690-1700	11.5	55
40	The Effect of Different Case Definitions of Current Smoking on the Discovery of Smoking-Related Blood Gene Expression Signatures in Chronic Obstructive Pulmonary Disease. <i>Nicotine and Tobacco Research</i> , 2016 , 18, 1903-9	4.9	14
39	Circulating biomarker responses to medical management vs. mechanical circulatory support in severe inotrope-dependent acute heart failure. <i>ESC Heart Failure</i> , 2016 , 3, 86-96	3.7	7
38	Identifying Molecular Mechanisms of the Late-Phase Asthmatic Response by Integrating Cellular, Gene, and Metabolite Levels in Blood. <i>Annals of the American Thoracic Society</i> , 2016 , 13 Suppl 1, S98	4.7	5
37	Serum proteomics in multiple sclerosis disease progression. <i>Journal of Proteomics</i> , 2015 , 118, 2-11	3.9	20
36	Granzyme B mediates both direct and indirect cleavage of extracellular matrix in skin after chronic low-dose ultraviolet light irradiation. <i>Aging Cell</i> , 2015 , 14, 67-77	9.9	54
35	The Effect of Statins on Blood Gene Expression in COPD. <i>PLoS ONE</i> , 2015 , 10, e0140022	3.7	10
34	Impact of Statins on Gene Expression in Human Lung Tissues. <i>PLoS ONE</i> , 2015 , 10, e0142037	3.7	4
33	Novel multivariate methods for integration of genomics and proteomics data: applications in a kidney transplant rejection study. <i>OMICS A Journal of Integrative Biology</i> , 2014 , 18, 682-95	3.8	31
32	Th17/Treg ratio derived using DNA methylation analysis is associated with the late phase asthmatic response. <i>Allergy, Asthma and Clinical Immunology</i> , 2014 , 10, 32	3.2	24
31	Th17/Treg ratio derived using DNA methylation analysis discriminates allergen-induced early from dual asthmatic responses. <i>Allergy, Asthma and Clinical Immunology</i> , 2014 , 10,	3.2	78
30	Transcriptional networks in whole blood of asthmatics. <i>Allergy, Asthma and Clinical Immunology</i> , 2014 , 10,	3.2	1

29	Uncovering T cell-specific differential expression patterns associated with pollen exposure in individuals with allergic rhinitis. <i>Allergy, Asthma and Clinical Immunology</i> , 2014 , 10,	3.2	78
28	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	3.7	17
27	Proteomic biomarkers of recovered heart function. <i>European Journal of Heart Failure</i> , 2014 , 16, 551-9	12.3	10
26	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	3.7	52
25	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	5.3	4
24	The endothelial responses to low- and high-intensity cycling with diesel exhaust exposure (1106.21). <i>FASEB Journal</i> , 2014 , 28, 1106.21	0.9	
23	Predicting acute cardiac rejection from donor heart and pre-transplant recipient blood gene expression. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 259-65	5.8	14
22	MicroRNA expression in response to controlled exposure to diesel exhaust: attenuation by the antioxidant N-acetylcysteine in a randomized crossover study. <i>Environmental Health Perspectives</i> , 2013 , 121, 670-5	8.4	76
21	Gene-metabolite expression in blood can discriminate allergen-induced isolated early from dual asthmatic responses. <i>PLoS ONE</i> , 2013 , 8, e67907	3.7	15
20	Combined polymorphisms in oxidative stress genes predict coronary artery disease and oxidative stress in coronary angiography patients. <i>Annals of Human Genetics</i> , 2012 , 76, 435-47	2.2	14
19	Plasma proteomics can discriminate isolated early from dual responses in asthmatic individuals undergoing an allergen inhalation challenge. <i>Proteomics - Clinical Applications</i> , 2012 , 6, 476-85	3.1	10
18	Peripheral blood gene expression changes during allergen inhalation challenge in atopic asthmatic individuals. <i>Journal of Asthma</i> , 2012 , 49, 219-26	1.9	16
17	A computational pipeline for the development of multi-marker bio-signature panels and ensemble classifiers. <i>BMC Bioinformatics</i> , 2012 , 13, 326	3.6	22
16	Decreased miR-192 expression in peripheral blood of asthmatic individuals undergoing an allergen inhalation challenge. <i>BMC Genomics</i> , 2012 , 13, 655	4.5	39
15	Transcriptional Changes of Blood Eosinophils After Methacholine Inhalation Challenge in Asthmatics. <i>Genomics Insights</i> , 2012 , 5, 1-12	0	3
14	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, 49-61	5.3	10
13	Dual organism transcriptomics of airway epithelial cells interacting with conidia of <i>Aspergillus fumigatus</i> . <i>PLoS ONE</i> , 2011 , 6, e20527	3.7	57
12	Functional genomics of human bronchial epithelial cells directly interacting with conidia of <i>Aspergillus fumigatus</i> . <i>BMC Genomics</i> , 2010 , 11, 358	4.5	38

11	Combining multiple PCR primer pairs for each amplicon can improve SNP genotyping accuracy by reducing allelic drop-out. <i>BioTechniques</i> , 2008 , 45, 637-8, 640, 642 passim	2.5	4
10	Robust SNP genotyping by multiplex PCR and arrayed primer extension. <i>BMC Medical Genomics</i> , 2008 , 1, 5	3.7	15
9	Single-nucleotide polymorphisms and lung disease: clinical implications. <i>Chest</i> , 2007 , 131, 1216-23	5.3	11
8	Dynamic variable selection in SNP genotype autocalling from APEX microarray data. <i>BMC Bioinformatics</i> , 2006 , 7, 521	3.6	8
7	MACGT: multi-dimensional automated clustering genotyping tool for analysis of microarray-based mini-sequencing data. <i>Bioinformatics</i> , 2006 , 22, 1147-9	7.2	7
6	Deoxynucleotides can replace dideoxynucleotides in minisequencing by arrayed primer extension. <i>BioTechniques</i> , 2006 , 40, 331-8	2.5	8
5	SNP Chart: an integrated platform for visualization and interpretation of microarray genotyping data. <i>Bioinformatics</i> , 2005 , 21, 124-7	7.2	21
4	Microarray genotyping resource to determine population stratification in genetic association studies of complex disease. <i>BioTechniques</i> , 2004 , 37, 977-85	2.5	24
3	DIABLO: from multi-omics assays to biomarker discovery, an integrative approach		21
2	Interferon- α b treatment for COVID-19		20
1	Machine learning-based single cell and integrative analysis reveals that baseline mDC predisposition predicts protective Hepatitis B vaccine response		1