

Daniel M Rotroff

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/493784/daniel-m-rotroff-publications-by-year.pdf>

Version: 2024-04-28

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.

65
papers

3,595
citations

26
h-index

59
g-index

73
ext. papers

4,359
ext. citations

5.7
avg, IF

4.67
L-index

#	Paper	IF	Citations
65	Salivary miRNAs as non-invasive biomarkers of hepatocellular carcinoma: a pilot study.. <i>PeerJ</i> , 2022 , 10, e12715	3.1	3
64	A Type 2 Diabetes Subtype Responsive to ACCORD Intensive Glycemia Treatment. <i>Diabetes Care</i> , 2021 , 44, 1410-1418	14.6	2
63	Alcohol Consumption Is Associated with Poor Prognosis in Obese Patients with COVID-19: A Mendelian Randomization Study Using UK Biobank. <i>Nutrients</i> , 2021 , 13,	6.7	7
62	Salivary Metabolites are Promising Non-Invasive Biomarkers of Hepatocellular Carcinoma and Chronic Liver Disease. <i>Liver Cancer International</i> , 2021 , 2, 33-44	0.8	1
61	Diagnostic and Prognostic Significance of Complement in Patients With Alcohol-Associated Hepatitis. <i>Hepatology</i> , 2021 , 73, 983-997	11.2	7
60	Effect of Acid Suppressants on the Risk of COVID-19: A Propensity Score-Matched Study Using UK Biobank. <i>Gastroenterology</i> , 2021 , 160, 455-458.e5	13.3	12
59	Adverse Cardiovascular Outcomes and Antihypertensive Treatment: A Genome-Wide Interaction Meta-Analysis in the International Consortium for Antihypertensive Pharmacogenomics Studies. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 110, 723-732	6.1	2
58	Associations of weight loss with obesity-related comorbidities in a large integrated health system. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 2804-2813	6.7	0
57	Polymorphism Influences the Cardiovascular Benefit of Fenofibrate in Type 2 Diabetes: Findings From ACCORD-Lipid. <i>Diabetes</i> , 2020 , 69, 771-783	0.9	12
56	A Bioinformatics Crash Course for Interpreting Genomics Data. <i>Chest</i> , 2020 , 158, S113-S123	5.3	2
55	Bariatric Surgery Improves HDL Function Examined by ApoA1 Exchange Rate and Cholesterol Efflux Capacity in Patients with Obesity and Type 2 Diabetes. <i>Biomolecules</i> , 2020 , 10,	5.9	15
54	Unbiased Metabolomic Screening Reveals Pre-Existing Plasma Signatures in Large B-Cell Lymphoma Patients Treated with Anti-CD19 Chimeric Antigen Receptor (CAR) T-Cells: Association with Cytokine Release Syndrome (CRS) and Neurotoxicity (ICANS). <i>Blood</i> , 2020 , 136, 42-43	2.2	0
53	Assessment of Adverse Events and Their Ability to Discriminate Response to Anti-PD-1/PD-L1 Antibody Immunotherapy. <i>Journal of Clinical Oncology</i> , 2020 , 38, 103-104	2.2	5
52	Continued muscle loss increases mortality in cirrhosis: Impact of aetiology of liver disease. <i>Liver International</i> , 2020 , 40, 1178-1188	7.9	21
51	Breath Metabolomics Provides an Accurate and Noninvasive Approach for Screening Cirrhosis, Primary, and Secondary Liver Tumors. <i>Hepatology Communications</i> , 2020 , 4, 1041-1055	6	14
50	Predictive Value of Hepatic Venous Pressure Gradient for Graft Hemodynamics in Living Donor Liver Transplantation. <i>Liver Transplantation</i> , 2019 , 25, 1034-1042	4.5	4
49	Identifying individual risk rare variants using protein structure guided local tests (POINT). <i>PLoS Computational Biology</i> , 2019 , 15, e1006722	5	4

48	Cheminformatics approach to exploring and modeling trait-associated metabolite profiles. <i>Journal of Cheminformatics</i> , 2019 , 11, 43	8.6	3
47	Bile acids targeted metabolomics and medication classification data in the ADNI1 and ADNIGO/2 cohorts. <i>Scientific Data</i> , 2019 , 6, 212	8.2	6
46	Altered bile acid profile associates with cognitive impairment in Alzheimer's disease-An emerging role for gut microbiome. <i>Alzheimer's and Dementia</i> , 2019 , 15, 76-92	1.2	208
45	Genetic Variants in and Are Associated With Variation in Response to Metformin in Individuals With Type 2 Diabetes. <i>Diabetes</i> , 2018 , 67, 1428-1440	0.9	18
44	Genetic Variants in HSD17B3, SMAD3, and IPO11 Impact Circulating Lipids in Response to Fenofibrate in Individuals With Type 2 Diabetes. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 103, 712-721	6.1	20
43	Gene set analysis methods: a systematic comparison. <i>BioData Mining</i> , 2018 , 11, 8	4.3	33
42	Immunoclassification characterized by CD8 and PD-L1 expression is associated with the clinical outcome of gastric cancer patients. <i>Oncotarget</i> , 2018 , 9, 12164-12173	3.3	12
41	Genetic Tools for Coronary Risk Assessment in Type 2 Diabetes: A Cohort Study From the ACCORD Clinical Trial. <i>Diabetes Care</i> , 2018 , 41, 2404-2413	14.6	16
40	Assessment of potential miRNA biomarkers of VERO-cell tumorigenicity in a new line (AGMK1-9T7) of African green monkey kidney cells. <i>Vaccine</i> , 2017 , 35, 5503-5509	4.1	2
39	EBV infection and MSI status significantly influence the clinical outcomes of gastric cancer patients. <i>Clinica Chimica Acta</i> , 2017 , 471, 216-221	6.2	7
38	Metabolic network failures in Alzheimer's disease: A biochemical road map. <i>Alzheimer's and Dementia</i> , 2017 , 13, 965-984	1.2	201
37	Targeted metabolomics and medication classification data from participants in the ADNI1 cohort. <i>Scientific Data</i> , 2017 , 4, 170140	8.2	26
36	Sphingolipid Metabolic Pathway Impacts Thiazide Diuretics Blood Pressure Response: Insights From Genomics, Metabolomics, and Lipidomics. <i>Journal of the American Heart Association</i> , 2017 , 7,	6	10
35	The steroid metabolome in women with premenstrual dysphoric disorder during GnRH agonist-induced ovarian suppression: effects of estradiol and progesterone addback. <i>Translational Psychiatry</i> , 2017 , 7, e1193	8.6	15
34	Tumor exome sequencing and copy number alterations reveal potential predictors of intrinsic resistance to multi-targeted tyrosine kinase inhibitors. <i>Oncotarget</i> , 2017 , 8, 115114-115127	3.3	1
33	Common and rare genetic markers of lipid variation in subjects with type 2 diabetes from the ACCORD clinical trial. <i>PeerJ</i> , 2017 , 5, e3187	3.1	9
32	Metabolomic signatures of drug response phenotypes for ketamine and esketamine in subjects with refractory major depressive disorder: new mechanistic insights for rapid acting antidepressants. <i>Translational Psychiatry</i> , 2016 , 6, e894	8.6	55
31	Embracing Integrative Multiomics Approaches. <i>International Journal of Genomics</i> , 2016 , 2016, 1715985	2.5	13

30	Incorporating Concomitant Medications into Genome-Wide Analyses for the Study of Complex Disease and Drug Response. <i>Frontiers in Genetics</i> , 2016 , 7, 138	4.5	2
29	Pharmacometabolomic Assessment of Metformin in Non-diabetic, African Americans. <i>Frontiers in Pharmacology</i> , 2016 , 7, 135	5.6	20
28	A Genetic Response Score for Hydrochlorothiazide Use: Insights From Genomics and Metabolomics Integration. <i>Hypertension</i> , 2016 , 68, 621-9	8.5	18
27	A genome-wide study of lipid response to fenofibrate in Caucasians: a combined analysis of the GOLDN and ACCORD studies. <i>Pharmacogenetics and Genomics</i> , 2016 , 26, 324-33	1.9	10
26	Comprehensive genomic characterization of five canine lymphoid tumor cell lines. <i>BMC Veterinary Research</i> , 2016 , 12, 207	2.7	5
25	Maternal smoking impacts key biological pathways in newborns through epigenetic modification in Utero. <i>BMC Genomics</i> , 2016 , 17, 976	4.5	36
24	Editor's Highlight: Analysis of the Effects of Cell Stress and Cytotoxicity on In Vitro Assay Activity Across a Diverse Chemical and Assay Space. <i>Toxicological Sciences</i> , 2016 , 152, 323-39	4.4	125
23	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. <i>Nature Genetics</i> , 2016 , 48, 1055-1059	36.3	108
22	Pharmacometabolomic Assessments of Atenolol and Hydrochlorothiazide Treatment Reveal Novel Drug Response Phenotypes. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2015 , 4, 669-79	4.5	26
21	Genome-wide assessment of recurrent genomic imbalances in canine leukemia identifies evolutionarily conserved regions for subtype differentiation. <i>Chromosome Research</i> , 2015 , 23, 681-708	4.4	23
20	Integrated Model of Chemical Perturbations of a Biological Pathway Using 18 In Vitro High-Throughput Screening Assays for the Estrogen Receptor. <i>Toxicological Sciences</i> , 2015 , 148, 137-54	4.4	201
19	Genomic profiling reveals extensive heterogeneity in somatic DNA copy number aberrations of canine hemangiosarcoma. <i>Chromosome Research</i> , 2014 , 22, 305-19	4.4	46
18	Development of a thyroperoxidase inhibition assay for high-throughput screening. <i>Chemical Research in Toxicology</i> , 2014 , 27, 387-99	4	52
17	Predictive endocrine testing in the 21st century using in vitro assays of estrogen receptor signaling responses. <i>Environmental Science & Technology</i> , 2014 , 48, 8706-16	10.3	64
16	PGxClean: a quality control GUI for the Affymetrix DMET chip and other candidate gene studies with non-biallelic alleles. <i>BioData Mining</i> , 2014 , 7,	4.3	3
15	Profiling of the Tox21 10K compound library for agonists and antagonists of the estrogen receptor alpha signaling pathway. <i>Scientific Reports</i> , 2014 , 4, 5664	4.9	113
14	Lymphoblastoid cell lines models of drug response: successes and lessons from this pharmacogenomic model. <i>Current Molecular Medicine</i> , 2014 , 14, 833-40	2.5	16
13	Binary classification of a large collection of environmental chemicals from estrogen receptor assays by quantitative structure-activity relationship and machine learning methods. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 3244-61	6.1	47

12	Real-time growth kinetics measuring hormone mimicry for ToxCast chemicals in T-47D human ductal carcinoma cells. <i>Chemical Research in Toxicology</i> , 2013 , 26, 1097-107	4	34
11	Using in vitro high throughput screening assays to identify potential endocrine-disrupting chemicals. <i>Environmental Health Perspectives</i> , 2013 , 121, 7-14	8.4	119
10	Update on EPA's ToxCast program: providing high throughput decision support tools for chemical risk management. <i>Chemical Research in Toxicology</i> , 2012 , 25, 1287-302	4	357
9	Response to "Accurate Risk-Based Chemical Screening * Relies on Robust Exposure Estimates". <i>Toxicological Sciences</i> , 2012 , 128, 297-299	4.4	
8	Integration of dosimetry, exposure, and high-throughput screening data in chemical toxicity assessment. <i>Toxicological Sciences</i> , 2012 , 125, 157-74	4.4	280
7	In vitro screening of environmental chemicals for targeted testing prioritization: the ToxCast project. <i>Environmental Health Perspectives</i> , 2010 , 118, 485-92	8.4	439
6	Xenobiotic-metabolizing enzyme and transporter gene expression in primary cultures of human hepatocytes modulated by ToxCast chemicals. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2010 , 13, 329-46	8.6	47
5	Impact of environmental chemicals on key transcription regulators and correlation to toxicity end points within EPA's ToxCast program. <i>Chemical Research in Toxicology</i> , 2010 , 23, 578-90	4	164
4	Incorporating human dosimetry and exposure into high-throughput in vitro toxicity screening. <i>Toxicological Sciences</i> , 2010 , 117, 348-58	4.4	189
3	Analysis of eight oil spill dispersants using rapid, in vitro tests for endocrine and other biological activity. <i>Environmental Science & Technology</i> , 2010 , 44, 5979-85	10.3	127
2	Profiling the reproductive toxicity of chemicals from multigeneration studies in the toxicity reference database. <i>Toxicological Sciences</i> , 2009 , 110, 181-90	4.4	105
1	Altered Bile Acid Profile Associates with Cognitive Impairment in Alzheimer's Disease [An Emerging Role for Gut Microbiome]		2