

# Michael B Black

## List of Publications by Year in descending order

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43  
papers

1,792  
citations

279701

23  
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265120

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44  
docs citations

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times ranked

2160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assistive technology and robotic control using motor cortex ensemble-based neural interface systems in humans with tetraplegia. <i>Journal of Physiology</i> , 2007, 579, 603-611.	1.3	166
2	Temporal Concordance Between Apical and Transcriptional Points of Departure for Chemical Risk Assessment. <i>Toxicological Sciences</i> , 2013, 134, 180-194.	1.4	164
3	A Comprehensive Statistical Analysis of Predicting In Vivo Hazard Using High-Throughput In Vitro Screening. <i>Toxicological Sciences</i> , 2012, 128, 398-417.	1.4	133
4	Miocene Radiation of Deep-Sea Hydrothermal Vent Shrimp (Caridea: Bresiliidae): Evidence from Mitochondrial Cytochrome Oxidase Subunit I. <i>Molecular Phylogenetics and Evolution</i> , 1999, 13, 244-254.	1.2	113
5	Relative Impact of Incorporating Pharmacokinetics on Predicting In Vivo Hazard and Mode of Action from High-Throughput In Vitro Toxicity Assays. <i>Toxicological Sciences</i> , 2013, 132, 327-346.	1.4	104
6	Genetic and biochemical analysis of development in <i>Toxoplasma gondii</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 1347-1354.	1.8	99
7	SLLP1, A Unique, Intra-acrosomal, Non-bacteriolytic, c Lysozyme-Like Protein of Human Spermatozoa1. <i>Biology of Reproduction</i> , 2003, 68, 1525-1537.	1.2	97
8	Restriction enzyme-mediated integration elevates transformation frequency and enables co-transfection of <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 1995, 74, 55-63.	0.5	84
9	Revision of the species of <i>Ridgeia</i> from northeast Pacific hydrothermal vents, with a redescription of <i>Ridgeia piscesae</i> Jones (Pogonophora: Obturata = Vestimentifera). <i>Canadian Journal of Zoology</i> , 1995, 73, 282-295.	0.4	76
10	Cross-species Comparisons of Transcriptomic Alterations in Human and Rat Primary Hepatocytes Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin. <i>Toxicological Sciences</i> , 2012, 127, 199-215.	1.4	66
11	Comparison of Microarrays and RNA-Seq for Gene Expression Analyses of Dose-Response Experiments. <i>Toxicological Sciences</i> , 2014, 137, 385-403.	1.4	54
12	The Complete Genome Sequence of the Pathogenic Intestinal Spirochete <i>Brachyspira pilosicoli</i> and Comparison with Other <i>Brachyspira</i> Genomes. <i>PLoS ONE</i> , 2010, 5, e11455.	1.1	54
13	Photocontrol of Hypocotyl Elongation in De-Etiolated <i>Cucumis sativus</i> L.. <i>Plant Physiology</i> , 1984, 74, 897-900.	2.3	47
14	Cloning and Characterization of a Novel Sperm-Associated Isoantigen (E-3) with Defensin- and Lectin-Like Motifs Expressed in Rat Epididymis1. <i>Biology of Reproduction</i> , 2003, 68, 290-301.	1.2	43
15	PHOTORECEPTOR INTERACTION IN PLANT PHOTOMORPHOGENESIS: THE LIMITS OF EXPERIMENTAL TECHNIQUES AND THEIR INTERPRETATIONS. <i>Photochemistry and Photobiology</i> , 1987, 45, 151-156.	1.3	42
16	Assessing molecular initiating events (MIEs), key events (KEs) and modulating factors (MFs) for styrene responses in mouse lungs using whole genome gene expression profiling following 1-day and multi-week exposures. <i>Toxicology and Applied Pharmacology</i> , 2017, 335, 28-40.	1.3	38
17	Analysis of Multiple <i>Brachyspira hyodysenteriae</i> Genomes Confirms That the Species Is Relatively Conserved but Has Potentially Important Strain Variation. <i>PLoS ONE</i> , 2015, 10, e0131050.	1.1	36
18	Population genetics and biogeography of vestimentiferan tube worms. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1998, 45, 365-382.	0.6	32

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19	Testicular Lumicrine Factors Regulate ERK, STAT, and NFKB Pathways in the Initial Segment of the Rat Epididymis to Prevent Apoptosis. <i>Biology of Reproduction</i> , 2011, 84, 1282-1291.	1.2	32
20	Editor's Highlight: Screening ToxCast Prioritized Chemicals for PPARC Function in a Human Adipose-Derived Stem Cell Model of Adipogenesis. <i>Toxicological Sciences</i> , 2017, 155, 85-100.	1.4	30
21	Cross-Species Transcriptomic Analysis of Mouse and Rat Lung Exposed to Chloroprene. <i>Toxicological Sciences</i> , 2013, 131, 629-640.	1.4	28
22	MYC Is an Early Response Regulator of Human Adipogenesis in Adipose Stem Cells. <i>PLoS ONE</i> , 2014, 9, e114133.	1.1	28
23	Evaluation of gene expression changes in human primary uroepithelial cells following 24-hr exposures to inorganic arsenic and its methylated metabolites. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 82-98.	0.9	26
24	Combining transcriptomics and PBPK modeling indicates a primary role of hypoxia and altered circadian signaling in dichloromethane carcinogenicity in mouse lung and liver. <i>Toxicology and Applied Pharmacology</i> , 2017, 332, 149-158.	1.3	22
25	Ocean-ridge segmentation and vent tubeworms ( <i>Vestimentifera</i> ) in the NE Pacific. <i>Geological Society Special Publication</i> , 1996, 118, 211-224.	0.8	18
26	A toxicogenomic approach for the risk assessment of the food contaminant acetamide. <i>Toxicology and Applied Pharmacology</i> , 2020, 388, 114872.	1.3	18
27	Addressing systematic inconsistencies between in vitro and in vivo transcriptomic mode of action signatures. <i>Toxicology in Vitro</i> , 2019, 58, 1-12.	1.1	15
28	Using gene expression profiling to evaluate cellular responses in mouse lungs exposed to V2O5 and a group of other mouse lung tumorigens and non-tumorigens. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 339-347.	1.3	14
29	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. <i>F1000Research</i> , 2017, 6, 296.	0.8	14
30	Strain-related differences in mouse lung gene expression over a two-year period of inhalation exposure to styrene: Relevance to human risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 96, 153-166.	1.3	14
31	A Genomics-Based Analysis of Relative Potencies of Dioxin-Like Compounds in Primary Rat Hepatocytes. <i>Toxicological Sciences</i> , 2013, 136, 595-604.	1.4	12
32	Application of transcriptomic data, visualization tools and bioinformatics resources for informing mode of action. <i>Current Opinion in Toxicology</i> , 2018, 9, 21-27.	2.6	12
33	Photocontrol of Hypocotyl Elongation in Light-Grown <i>Cucumis sativus</i> L.. <i>Plant Physiology</i> , 1985, 79, 1011-1014.	2.3	11
34	A haplotype spanning P2X7R, P2X4R and CAMKK2 may mark susceptibility to pulmonary non-tuberculous mycobacterial disease. <i>Immunogenetics</i> , 2017, 69, 287-293.	1.2	8
35	Assessing bioactivity-exposure profiles of fruit and vegetable extracts in the BioMAP profiling system. <i>Toxicology in Vitro</i> , 2019, 54, 41-57.	1.1	8
36	Response to Incorporating Biological, Chemical, and Toxicological Knowledge Into Predictive Models of Toxicity. <i>Toxicological Sciences</i> , 2012, 130, 442-443.	1.4	7

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37	A Qualitative Modeling Approach for Whole Genome Prediction Using High-Throughput Toxicogenomics Data and Pathway-Based Validation. <i>Frontiers in Pharmacology</i> , 2018, 9, 1072.	1.6	6
38	Biological system considerations for application of toxicogenomics in next-generation risk assessment and predictive toxicology. <i>Toxicology in Vitro</i> , 2022, 80, 105311.	1.1	6
39	Exploring the relationship between body shapes and descriptions by linking similarity spaces. <i>Journal of Vision</i> , 2015, 15, 931.	0.1	5
40	PHOTOCONTROL OF HYPOCOTYL ELONGATION IN LIGHT-GROWN <i>Cucumis sativus</i> L. PHOTOSYNTHETIC REQUIREMENT FOR A FLUENCE RATE DEPENDENT PHYTOCHROME RESPONSE. <i>Photochemistry and Photobiology</i> , 1991, 53, 399-405.	1.3	4
41	A systematic approach to evaluate plausible modes of actions for mouse lung tumors in mice exposed to 4-methylimidazole. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 124, 104977.	1.3	2
42	RNA-Sequencing (transcriptomic) Data Collected in Liver and Lung of Male and Female B6C3F1 Mice Exposed to Various Dose Levels of 4-Methylimidazole for 2, 5, or 28 days. <i>Data in Brief</i> , 2021, 38, 107420.	0.5	1
43	Naturally Spawning Chinook Salmon ( <i>Oncorhynchus tshawytscha</i> ) from the Effluent of a Wastewater Treatment Plant. <i>Journal of Freshwater Ecology</i> , 1996, 11, 439-445.	0.5	0