Michael B Black

List of Publications by Year
in descending order

43 papers	1,792 citations	279701 23 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	2160 citing authors

#	Article	IF	Citations
1	Biological system considerations for application of toxicogenomics in next-generation risk assessment and predictive toxicology. Toxicology in Vitro, 2022, 80, 105311.	1.1	6
2	A systematic approach to evaluate plausible modes of actions for mouse lung tumors in mice exposed to 4-methylimidozole. Regulatory Toxicology and Pharmacology, 2021, 124, 104977.	1.3	2
3	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. Data in Brief, 2021, 38, 107420.	0.5	1
4	A toxicogenomic approach for the risk assessment of the food contaminant acetamide. Toxicology and Applied Pharmacology, 2020, 388, 114872.	1.3	18
5	Addressing systematic inconsistencies between in vitro and in vivo transcriptomic mode of action signatures. Toxicology in Vitro, 2019, 58, 1-12.	1.1	15
6	Assessing bioactivity-exposure profiles of fruit and vegetable extracts in the BioMAP profiling system. Toxicology in Vitro, 2019, 54, 41-57.	1.1	8
7	A Qualitative Modeling Approach for Whole Genome Prediction Using High-Throughput Toxicogenomics Data and Pathway-Based Validation. Frontiers in Pharmacology, 2018, 9, 1072.	1.6	6
8	Strain-related differences in mouse lung gene expression over a two-year period of inhalation exposure to styrene: Relevance to human risk assessment. Regulatory Toxicology and Pharmacology, 2018, 96, 153-166.	1.3	14
9	Application of transcriptomic data, visualization tools and bioinformatics resources for informing mode of action. Current Opinion in Toxicology, 2018, 9, 21-27.	2.6	12
10	A haplotype spanning P2X7R, P2X4R and CAMKK2 may mark susceptibility to pulmonary non-tuberculous mycobacterial disease. Immunogenetics, 2017, 69, 287-293.	1.2	8
11	Combining transcriptomics and PBPK modeling indicates a primary role of hypoxia and altered circadian signaling in dichloromethane carcinogenicity in mouse lung and liver. Toxicology and Applied Pharmacology, 2017, 332, 149-158.	1.3	22
12	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. Toxicology and Applied Pharmacology, 2017, 335, 28-40.	1.3	38
13	Editorâ€™s Highlight: Screening ToxCast Prioritized Chemicals forPPARGFunction in a Human Adipose-Derived Stem Cell Model of Adipogenesis. Toxicological Sciences, 2017, 155, 85-100.	1.4	30
14	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. F1000Research, 2017, 6, 296.	0.8	14
15	Analysis of Multiple Brachyspira hyodysenteriae Genomes Confirms That the Species Is Relatively Conserved but Has Potentially Important Strain Variation. PLoS ONE, 2015, 10, e0131050.	1.1	36
16	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. Regulatory Toxicology and Pharmacology, 2015, 73, 339-347.	1.3	14
17	Exploring the relationship between body shapes and descriptions by linking similarity spaces. Journal of Vision, 2015, 15, 931.	0.1	5
18	Comparison of Microarrays and RNA-Seq for Gene Expression Analyses of Dose-Response Experiments. Toxicological Sciences, 2014, 137, 385-403.	1.4	54

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19	MYC Is an Early Response Regulator of Human Adipogenesis in Adipose Stem Cells. PLoS ONE, 2014, 9, e114133.	1.1	28
20	Temporal Concordance Between Apical and Transcriptional Points of Departure for Chemical Risk Assessment. Toxicological Sciences, 2013, 134, 180-194.	1.4	164
21	Cross-Species Transcriptomic Analysis of Mouse and Rat Lung Exposed to Chloroprene. Toxicological Sciences, 2013, 131, 629-640.	1.4	28
22	Relative Impact of Incorporating Pharmacokinetics on Predicting In Vivo Hazard and Mode of Action from High-Throughput In Vitro Toxicity Assays. Toxicological Sciences, 2013, 132, 327-346.	1.4	104
23	Evaluation of gene expression changes in human primary uroepithelial cells following 24â€Hr exposures to inorganic arsenic and its methylated metabolites. Environmental and Molecular Mutagenesis, 2013, 54, 82-98.	0.9	26
24	A Genomics-Based Analysis of Relative Potencies of Dioxin-Like Compounds in Primary Rat Hepatocytes. Toxicological Sciences, 2013, 136, 595-604.	1.4	12
25	Response to â€œIncorporating Biological, Chemical, and Toxicological Knowledge Into Predictive Models of Toxicityâ€• Toxicological Sciences, 2012, 130, 442-443.	1.4	7
26	A Comprehensive Statistical Analysis of Predicting In Vivo Hazard Using High-Throughput In Vitro Screening. Toxicological Sciences, 2012, 128, 398-417.	1.4	133
27	Cross-species Comparisons of Transcriptomic Alterations in Human and Rat Primary Hepatocytes Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin. Toxicological Sciences, 2012, 127, 199-215.	1.4	66
28	Testicular Lumicrine Factors Regulate ERK, STAT, and NFKB Pathways in the Initial Segment of the Rat Epididymis to Prevent Apoptosis1. Biology of Reproduction, 2011, 84, 1282-1291.	1.2	32
29	The Complete Genome Sequence of the Pathogenic Intestinal Spirochete Brachyspira pilosicoli and Comparison with Other Brachyspira Genomes. PLoS ONE, 2010, 5, e11455.	1.1	54
30	Assistive technology and robotic control using motor cortex ensemble-based neural interface systems in humans with tetraplegia. Journal of Physiology, 2007, 579, 603-611.	1.3	166
31	Cloning and Characterization of a Novel Sperm-Associated Isoantigen (E-3) with Defensin- and Lectin-Like Motifs Expressed in Rat Epididymis1. Biology of Reproduction, 2003, 68, 290-301.	1.2	43
32	SLLP1, A Unique, Intra-acrosomal, Non-bacteriolytic, c Lysozyme-Like Protein of Human Spermatozoa1. Biology of Reproduction, 2003, 68, 1525-1537.	1.2	97
33	Miocene Radiation of Deep-Sea Hydrothermal Vent Shrimp (Caridea: Bresiliidae): Evidence from Mitochondrial Cytochrome Oxidase Subunit I. Molecular Phylogenetics and Evolution, 1999, 13, 244-254.	1.2	113
34	Population genetics and biogeography of vestimentiferan tube worms. Deep-Sea Research Part II: Topical Studies in Oceanography, 1998, 45, 365-382.	0.6	32
35	Genetic and biochemical analysis of development in Toxoplasma gondii. Philosophical Transactions of the Royal Society B: Biological Sciences, 1997, 352, 1347-1354.	1.8	99
36	Naturally Spawning Chinook Salmon (Oncorhynchus tshawytscha) from the Effluent of a Wastewater Treatment Plant. Journal of Freshwater Ecology, 1996, 11, 439-445.	0.5	0

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37	Ocean-ridge segmentation and vent tubeworms (Vestimentifera) in the NE Pacific. Geological Society Special Publication, 1996, 118, 211-224.	0.8	18
38	Restriction enzyme-mediated integration elevates transformation frequency and enables co-transfection of Toxoplasma gondii. Molecular and Biochemical Parasitology, 1995, 74, 55-63.	0.5	84
39	Revision of the species of Ridgeia from northeast Pacific hydrothermal vents, with a redescription of Ridgeia piscesae Jones (Pogonophora: Obturata = Vestimentifera). Canadian Journal of Zoology, 1995, 73, 282-295.	0.4	76
40	PHOTOCONTROL OF HYPOCOTYL ELONGATION IN LIGHTâ€GROWNCucumis sativusL. PHOTOSYNTHETIC REQUIREMENT FOR A FLUENCE RATE DEPENDENT PHYTOCHROME RESPONSE. Photochemistry and Photobiology, 1991, 53, 399-405.	1.3	4
41	PHOTORECEPTOR INTERACTION IN PLANT PHOTOMORPHOGENESIS: THE LIMITS OF EXPERIMENTAL TECHNIQUES AND THEIR INTERPRETATIONS. Photochemistry and Photobiology, 1987, 45, 151-156.	1.3	42
42	Photocontrol of Hypocotyl Elongation in Light-Grown Cucumis sativus L.. Plant Physiology, 1985, 79, 1011-1014.	2.3	11
43	Photocontrol of Hypocotyl Elongation in De-Etiolated Cucumis sativus L.. Plant Physiology, 1984, 74, 897-900.	2.3	47