Brian N Chorley

List of Publications by Year
in descending order

45	2,000	279798	243625
papers	citations	23	44
		h-index	g-index

47	47	47	3616
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic comparisons between hepatocarcinogenic and non-hepatocarcinogenic organophosphate insecticides in the mouse liver. Toxicology, 2022, 465, 153046.	4.2	4
2	Circulating MicroRNAs, Polychlorinated Biphenyls, and Environmental Liver Disease in the Anniston Community Health Survey. Environmental Health Perspectives, 2022, 130, 17003.	6.0	12
3	Integrated Omic Analyses Identify Pathways and Transcriptomic Regulators Associated With Chemical Alterations of <i>In Vitro</i> Neural Network Formation. Toxicological Sciences, 2022, 186, 118-133.	3.1	2
4	Methodological considerations for measuring biofluid-based microRNA biomarkers. Critical Reviews in Toxicology, 2021, 51, 264-282.	3.9	13
5	Progress towards an OECD reporting framework for transcriptomics and metabolomics in regulatory toxicology. Regulatory Toxicology and Pharmacology, 2021, 125, 105020.	2.7	46
6	Urinary miRNA Biomarkers of Drug-Induced Kidney Injury and Their Site Specificity Within the Nephron. Toxicological Sciences, 2021, 180, 1-16.	3.1	19
7	Mining a human transcriptome database for chemical modulators of NRF2. PLoS ONE, 2020, 15, e0239367.	2.5	19
8	Fish oil and olive oil-enriched diets alleviate acute ozone-induced cardiovascular effects in rats. Toxicology and Applied Pharmacology, 2020, 409, 115296.	2.8	6
9	Ozone-induced fetal growth restriction in rats is associated with sexually dimorphic placental and fetal metabolic adaptation. Molecular Metabolism, 2020, 42, 101094.	6.5	11
10	Early microRNA indicators of PPARÎ± pathway activation in the liver. Toxicology Reports, 2020, 7, 805-815.	3.3	9
11	Transplacental arsenic exposure produced 5-methylcytosine methylation changes and aberrant microRNA expressions in livers of male fetal mice. Toxicology, 2020, 435, 152409.	4.2	15
12	Identification of differentially expressed genes and networks related to hepatic lipid dysfunction. Toxicology and Applied Pharmacology, 2019, 382, 114757.	2.8	2
13	Enhanced Quality Metrics for Assessing RNA Derived From Archival Formalin-Fixed Paraffin-Embedded Tissue Samples. Toxicological Sciences, 2019, 170, 357-373.	3.1	16
14	A gene expression biomarker identifies factors that modulate sterol regulatory element binding protein. Computational Toxicology, 2019, 10, 63-77.	3.3	7
15	The Role of Noncoding RNAs in Gene Regulation. , 2019, , 217-235.		0
16	Ozone-Induced Vascular Contractility and Pulmonary Injury Are Differentially Impacted by Diets Enriched With Coconut Oil, Fish Oil, and Olive Oil. Toxicological Sciences, 2018, 163, 57-69.	3.1	23
17	Epigenetic Applications in Adverse Outcome Pathways and Environmental Risk Evaluation. Environmental Health Perspectives, 2018, 126, 045001.	6.0	35
18	Identification of Androgen Receptor Modulators in a Prostate Cancer Cell Line Microarray Compendium. Toxicological Sciences, 2018, 166, 146-162.	3.1	16

#	Article	IF	Citations
19	Activation of Nrf2 in the liver is associated with stress resistance mediated by suppression of the growth hormone-regulated STAT5b transcription factor. PLoS ONE, 2018, 13, e0200004.	2.5	36
20	Editorâ€™s Highlight: Mechanistic Toxicity Tests Based on an Adverse Outcome Pathway Network for Hepatic Steatosis. Toxicological Sciences, 2017, 159, 159-169.	3.1	31
21	Applying 'omics technologies in chemicals risk assessment: Report of an ECETOC workshop. Regulatory Toxicology and Pharmacology, 2017, 91, S3-S13.	2.7	102
22	From the Cover: Genomic Effects of Androstenedione and Sex-Specific Liver Cancer Susceptibility in Mice. Toxicological Sciences, 2017, 160, 15-29.	3.1	15
23	Metabolic Disruption Early in Life is Associated With Latent Carcinogenic Activity of Dichloroacetic Acid in Mice. Toxicological Sciences, 2017, 159, 354-365.	3.1	9
24	Procedure and Key Optimization Strategies for an Automated Capillary Electrophoretic-based Immunoassay Method. Journal of Visualized Experiments, 2017, , .	0.3	9
25	A generic Transcriptomics Reporting Framework (TRF) for â€˜omics data processing and analysis. Regulatory Toxicology and Pharmacology, 2017, 91, S36-S45.	2.7	35
26	A Polymorphic Antioxidant Response Element Links NRF2/sMAF Binding to Enhanced MAPT Expression and Reduced Risk of Parkinsonian Disorders. Cell Reports, 2016, 15, 830-842.	6.4	40
27	Editorâ€™s Highlight: Doseâ€“Response Analysis of RNA-Seq Profiles in Archival Formalin-Fixed Paraffin-Embedded Samples. Toxicological Sciences, 2016, 154, 202-213.	3.1	31
28	MicroRNA Biomarkers of Toxicity in Biological Matrices. Toxicological Sciences, 2016, 152, 264-272.	3.1	54
29	Tipping the Balance: Hepatotoxicity and the 4 Apical Key Events of Hepatic Steatosis. Toxicological Sciences, 2016, 150, 261-268.	3.1	57
30	Moving Toward Integrating Gene Expression Profiling Into High-Throughput Testing: A Gene Expression Biomarker Accurately Predicts Estrogen Receptor Î± Modulation in a Microarray Compendium. Toxicological Sciences, 2016, 151, 88-103.	3.1	45
31	Dose and Effect Thresholds for Early Key Events in a PPARÎ±-Mediated Mode of Action. Toxicological Sciences, 2016, 149, 312-325.	3.1	26
32	Developing a Gene Biomarker at the Tipping Point of Adaptive and Adverse Responses in Human Bronchial Epithelial Cells. PLoS ONE, 2016, 11, e0155875.	2.5	11
33	Latent carcinogenicity of early-life exposure to dichloroacetic acid in mice. Carcinogenesis, 2015, 36, 782-791.	2.8	19
34	Comparative Time Course Profiles of Phthalate Stereoisomers in Mice. Toxicological Sciences, 2014, 139, 21-34.	3.1	24
35	The cellular and genomic response of rat dopaminergic neurons (N27) to coated nanosilver. NeuroToxicology, 2014, 45, 12-21.	3.0	10
36	The Physicochemistry of Capped Nanosilver Predicts Its Biological Activity in Rat Brain Endothelial Cells (RBEC4). ACS Sustainable Chemistry and Engineering, 2014, 2, 1566-1573.	6.7	4

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37	Identification of novel NRF2-regulated genes by ChIP-Seq: influence on retinoid X receptor alpha. Nucleic Acids Research, 2012, 40, 7416-7429.	14.5	459
38	Nrf2-regulated PPARÎ³ Expression Is Critical to Protection against Acute Lung Injury in Mice. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 170-182.	5.6	184
39	Genetic Variation and Antioxidant Response Gene Expression in the Bronchial Airway Epithelium of Smokers at Risk for Lung Cancer. PLoS ONE, 2010, 5, e11934.	2.5	55
40	Probing the Functional Impact of Sequence Variation on p53-DNA Interactions Using a Novel Microsphere Assay for Protein-DNA Binding with Human Cell Extracts. PLoS Genetics, 2009, 5, e1000462.	3.5	39
41	Discovery and verification of functional single nucleotide polymorphisms in regulatory genomic regions: Current and developing technologies. Mutation Research - Reviews in Mutation Research, 2008, 659, 147-157.	5.5	142
42	Identification of polymorphic antioxidant response elements in the human genome. Human Molecular Genetics, 2007, 16, 1188-1200.	2.9	147
43	(R)-Albuterol Elicits Antiinflammatory Effects in Human Airway Epithelial Cells via iNOS. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 119-127.	2.9	26
44	Human Neutrophil Elastase Induces Hypersecretion of Mucin from Well-Differentiated Human Bronchial Epithelial Cells in Vitro via a Protein Kinase CÎ´-Mediated Mechanism. American Journal of Pathology, 2005, 167, 651-661.	3.8	101
45	Enhanced Expression of Mucin Genes in a Guinea Pig Model of Allergic Asthma. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 644-651.	2.9	34