Alex Loguinov

List of Publications by Year
in descending order

21 papers	442 citations	759233 12 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	569 citing authors

#	ARTICLE	IF	CITATIONS
1	Delineating toxicity mechanisms associated with MRI contrast enhancement through a multidimensional toxicogenomic profiling of gadolinium. Molecular Omics, 2022, 18, 237-248.	2.8	6
2	Applying genome-wide CRISPR to identify known and novel genes and pathways that modulate formaldehyde toxicity. Chemosphere, 2021, 269, 128701.	8.2	16
3	Genome-wide toxicogenomic study of the lanthanides sheds light on the selective toxicity mechanisms associated with critical materials. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
4	Organochlorine Pesticide Dieldrin Suppresses Cellular Interferon-Related Antiviral Gene Expression. Toxicological Sciences, 2021, 182, 260-274.	3.1	6
5	Treatment with HIV-Protease Inhibitor Nelfinavir Identifies Membrane Lipid Composition and Fluidity as a Therapeutic Target in Advanced Multiple Myeloma. Cancer Research, 2021, 81, 4581-4593.	0.9	8
6	Transcriptomic response patterns of hornyhead turbot (Pleuronichthys verticalis) dosed with polychlorinated biphenyls and polybrominated diphenyl ethers. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 38, 100822.	1.0	1
7	Multidimensional genome-wide screening in yeast provides mechanistic insights into europium toxicity. Metallomics, 2021, 13, .	2.4	8
8	Functional Pathway Identification With CRISPR/Cas9 Genome-wide Gene Disruption in Human Dopaminergic Neuronal Cells Following Chronic Treatment With Dieldrin. Toxicological Sciences, 2020, 176, 366-381.	3.1	14
9	Genetic screens reveal CCDC115 as a modulator of erythroid iron and heme trafficking. American Journal of Hematology, 2020, 95, 1085-1098.	4.1	10
10	Functional Profiling Identifies Determinants of Arsenic Trioxide Cellular Toxicity. Toxicological Sciences, 2019, 169, 108-121.	3.1	24
11	Genome-Wide CRISPR Screening Identifies the Tumor Suppressor Candidate OVCA2 As a Determinant of Tolerance to Acetaldehyde. Toxicological Sciences, 2019, 169, 235-245.	3.1	15
12	How consistent are we? Interlaboratory comparison study in fathead minnows using the model estrogen 17<scp>Î±</scp>â€ethinylestradiol to develop recommendations for environmental transcriptomics. Environmental Toxicology and Chemistry, 2017, 36, 2614-2623.	4.3	16
13	Editorâ€™s Highlight: High-Throughput Functional Genomics Identifies Modulators of TCE Metabolite Genotoxicity and Candidate Susceptibility Genes. Toxicological Sciences, 2017, 160, 111-120.	3.1	10
14	<i>Hamp1</i> mRNA and plasma hepcidin levels are influenced by sex and strain but do not predict tissue iron levels in inbred mice. American Journal of Physiology - Renal Physiology, 2017, 313, G511-G523.	3.4	8
15	Functional Toxicogenomic Profiling Expands Insight into Modulators of Formaldehyde Toxicity in Yeast. Frontiers in Genetics, 2016, 7, 200.	2.3	14
16	Ecotoxicogenomics: Microarray interlaboratory comparability. Chemosphere, 2016, 144, 193-200.	8.2	14
17	Molecular Toxicity Identification Evaluation (mTIE) Approach Predicts Chemical Exposure in <i>Daphnia magna</i>. Environmental Science & Technology, 2013, 47, 11747-11756.	10.0	29
18	Genome-Wide Functional Profiling Reveals Genes Required for Tolerance to Benzene Metabolites in Yeast. PLoS ONE, 2011, 6, e24205.	2.5	49

#	Article	IF	Citations
19	Comparative Functional Genomic Analysis Identifies Distinct and Overlapping Sets of Genes Required for Resistance to Monomethylarsonous Acid (MMAIII) and Arsenite (AsIII) in Yeast. Toxicological Sciences, 2009, 111, 424-436.	3.1	44
20	Identification of Genes Involved in the Toxic Response of Saccharomyces cerevisiae against Iron and Copper Overload by Parallel Analysis of Deletion Mutants. Toxicological Sciences, 2008, 101, 140-151.	3.1	81
21	Exploratory and Confirmatory Gene Expression Profiling of mac1Î”. Journal of Biological Chemistry, 2004, 279, 4450-4458.	3.4	43