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Toxicoproteomics: new paradigms in toxicology research

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31	Proteomics and systems biology: application in drug discovery and development. <i>Methods in Molecular Biology</i> , 2010 , 662, 3-28	1.4	11
30	Pesticides and cancer: insights into toxicoproteomic-based findings. <i>Journal of Proteomics</i> , 2011 , 74, 2713-22	3.9	74
29	Genomic instability of gold nanoparticle treated human lung fibroblast cells. <i>Biomaterials</i> , 2011 , 32, 5515-28	3.7	62
28	Metal Carcinogens. 2013 , 835-856		2
27	Protein expression profiling in the liver of rats exposed to phenanthrene. <i>Molecular and Cellular Toxicology</i> , 2013 , 9, 267-275	1.6	6
26	Post-translational modification of proteins in toxicological research: focus on lysine acylation. <i>Toxicological Research</i> , 2013 , 29, 81-6	3.7	30
25	Omics and Related Recent Technologies. 2014 , 689-693		
24	The impact of DNA methylation technologies on drug toxicology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014 , 10, 637-46	5.5	8
23	A proteomic approach to investigate AuNPs effects in Balb/3T3 cells. <i>Toxicology Letters</i> , 2014 , 228, 111-264	4.6	17
22	Proteomics in pharmaceutical research and development. <i>Proteomics - Clinical Applications</i> , 2015 , 9, 643-50	3.0	6
21	Translational biomarkers of acetaminophen-induced acute liver injury. <i>Archives of Toxicology</i> , 2015 , 89, 1497-522	5.8	43
20	Pathway and time-resolved benzo[a]pyrene toxicity on Hepa1c1c7 cells at toxic and subtoxic exposure. <i>Journal of Proteome Research</i> , 2015 , 14, 164-82	5.6	26
19	Development of novel tools for the in vitro investigation of drug-induced liver injury. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015 , 11, 1523-37	5.5	39
18	Proteomics in mechanistic toxicology: history, concepts, achievements, caveats, and potential. <i>Proteomics</i> , 2015 , 15, 1051-74	4.8	38
17	Measurement of Toxicants and Toxicity. 2016 , 11-34		
16	Evaluation and physiological correlation of plasma proteomic fingerprints for deltamethrin-induced hepatotoxicity in Wistar rats. <i>Life Sciences</i> , 2016 , 160, 72-83	6.8	17
15	Toxicoproteomics in human health and disease: an update. <i>Expert Review of Proteomics</i> , 2016 , 13, 1073-1089	4.89	15

14	Assessment of food toxicology. <i>Food Science and Human Wellness</i> , 2016 , 5, 103-115	8.3	12
13	Nanomaterial and toxicity: what can proteomics tell us about the nanotoxicology?. <i>Xenobiotica</i> , 2017 , 47, 632-643	2	26
12	From Drug Identification to Systems Toxicology. 2017 , 458-473		
11	Proteomic Analysis of Zebrafish (<i>Danio rerio</i>) After Chemical Exposure. <i>Methods in Molecular Biology</i> , 2018 , 1797, 443-459	1.4	1
10	Application of Bayesian networks in determining nanoparticle-induced cellular outcomes using transcriptomics. <i>Nanotoxicology</i> , 2019 , 13, 827-848	5.3	22
9	Ligand-induced activation of ERK1/2 signaling by constitutively active G-coupled 5-HT receptors. <i>Acta Pharmacologica Sinica</i> , 2019 , 40, 1157-1167	8	6
8	Screening Strategies and Methods for Better Off-Target Liability Prediction and Identification of Small-Molecule Pharmaceuticals. <i>SLAS Discovery</i> , 2019 , 24, 1-24	3.4	17
7	Changes in global protein expression in sea turtle cells exposed to common contaminants indicates new biomarkers of chemical exposure. <i>Science of the Total Environment</i> , 2021 , 751, 141680	10.2	5
6	A proteomic view of cellular responses of macrophages to copper when added as ion or as copper-polyacrylate complex. <i>Journal of Proteomics</i> , 2021 , 239, 104178	3.9	0
5	A brief overview to systems biology in toxicology: The journey from in to vivo, in-vitro and Omics. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101254	3.6	3
4	Proteomic Approaches to Toxicity Assessment. 2013 , 42-76		
3	Open search algorithms discover patterns of chemical modifications via LC-MS/MS. 2022 , 95-125		
2	Non-targeted proteomics reveals altered immune response in geographically distinct populations of green sea turtles (<i>Chelonia mydas</i>). 2023 , 216, 114352		1
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