

# CITATION REPORT

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Impact of biomarker development on drug safety assessment

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#	Paper	IF	Citations
72	Pharmacogenetics and forensic toxicology. <i>Forensic Science International</i> , <b>2010</b> , 203, 53-62	2.6	47
71	Current awareness: Pharmacoepidemiology and drug safety. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2010</b> , 19, i-xiii	2.6	
70	Biomarkers to improve the benefit/risk balance for approved therapeutics: a US FDA perspective on personalized medicine. <i>Therapeutic Delivery</i> , <b>2010</b> , 1, 631-41	3.8	10
69	The Role of Proteomics in the Study of Kidney Diseases and in the Development of Diagnostic Tools. <b>2011</b> , 101-176		3
68	Long-term feeding effects of stevioside sweetener on some toxicological parameters of growing male rats. <i>Journal of Applied Toxicology</i> , <b>2011</b> , 31, 431-8	4.1	18
67	In silico classification of human maximum recommended daily dose based on modified random forest and substructure fingerprint. <i>Analytica Chimica Acta</i> , <b>2011</b> , 692, 50-6	6.6	32
66	Assessment of biomarkers of drug-induced kidney injury in cynomolgus monkeys treated with a triple reuptake inhibitor. <i>Toxicological Sciences</i> , <b>2011</b> , 120, 269-83	4.4	44
65	Identification and elucidation of the biology of adverse events: the challenges of safety assessment and translational medicine. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 6641-5	12.9	10
64	Recent Trends in Biomarker Research and Development. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , <b>2012</b> , 01,		1
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62	Review of current and "omics" methods for assessing the toxicity (genotoxicity, teratogenicity and nephrotoxicity) of herbal medicines and mushrooms. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 140, 492-512 <sup>5</sup>		99
61	Protein biomarkers for in vitro testing of toxicology. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2012</b> , 746, 113-23	3	9
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58	Urinary cystatin C as a renal biomarker and its immunohistochemical localization in anti-GBM glomerulonephritis rats. <i>Experimental and Toxicologic Pathology</i> , <b>2013</b> , 65, 1137-43		10
57	Alzheimer's disease drug development: translational neuroscience strategies. <i>CNS Spectrums</i> , <b>2013</b> , 18, 128-38	1.8	22
56	Performance of urinary and gene expression biomarkers in detecting the nephrotoxic effects of melamine and cyanuric acid following diverse scenarios of co-exposure. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 51, 106-13	4.7	10

55	Renal biomarkers predict nephrotoxicity after paraquat. <i>Toxicology Letters</i> , <b>2013</b> , 222, 280-8	4.4	39
54	In vitro evaluation of biomarkers for cisplatin-induced nephrotoxicity using HK-2 human kidney epithelial cells. <i>Toxicology Letters</i> , <b>2013</b> , 217, 235-42	4.4	57
53	Urinary cystatin C as a biomarker for diabetic nephropathy and its immunohistochemical localization in kidney in Zucker diabetic fatty (ZDF) rats. <i>Experimental and Toxicologic Pathology</i> , <b>2013</b> , 65, 615-22		22
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51	Clinical Pathology in Non-Clinical Toxicology Testing. <b>2013</b> , 565-594		17
50	Omics Biomarkers in Risk Assessment. <b>2013</b> , 195-213		1
49	Elucidating novel serum biomarkers associated with pulmonary tuberculosis treatment. <i>PLoS ONE</i> , <b>2013</b> , 8, e61002	3.7	80
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47	Biomarkers in drug safety evaluation. <b>2014</b> , 923-945		3
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41	Comparison of the MesoScale Discovery and Luminex multiplex platforms for measurement of urinary biomarkers in a cisplatin rat kidney injury model. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2014</b> , 69, 196-204	1.7	18
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36	Kidney biomarkers in MCPA-induced acute kidney injury in rats: reduced clearance enhances early biomarker performance. <i>Toxicology Letters</i> , <b>2014</b> , 225, 467-78	4.4	9
35	Usefulness of urinary kidney injury molecule-1 (Kim-1) as a biomarker for cisplatin-induced sub-chronic kidney injury. <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 124-32	4.1	6
34	Discovery of Potential Biomarkers with Dose- and Time-Dependence in Cisplatin-Induced Nephrotoxicity Using Metabolomics Integrated with a Principal Component-Based Area Calculation Strategy. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 776-83	4	20
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32	An integrative view of cisplatin-induced renal and cardiac toxicities: Molecular mechanisms, current treatment challenges and potential protective measures. <i>Toxicology</i> , <b>2016</b> , 371, 58-66	4.4	99
31	Cellular Injury in Liver Diseases. <b>2017</b> ,		0
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27	Selenium-binding protein 1: a sensitive urinary biomarker to detect heavy metal-induced nephrotoxicity. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1635-1648	5.8	15
26	Identification of aldo-keto reductase (AKR7A1) and glutathione S-transferase pi (GSTP1) as novel renal damage biomarkers following exposure to mercury. <i>Human and Experimental Toxicology</i> , <b>2018</b> , 37, 1025-1036	3.4	4
25	Drug-Induced Mitochondrial Toxicity. <b>2018</b> , 269-295		2
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23	A Translational Metabonomic Assessment of Aristolochic Acid- Induced Nephropathies. <b>2018</b> ,		
22	An method for nephrotoxicity evaluation using HK-2 human kidney epithelial cells combined with biomarkers of nephrotoxicity. <i>Toxicology Research</i> , <b>2018</b> , 7, 1205-1213	2.6	7
21	A Noninvasive Imaging Toolbox Indicates Limited Therapeutic Potential of Conditionally Activated Macrophages in a Mouse Model of Multiple Organ Dysfunction. <i>Stem Cells International</i> , <b>2019</b> , 2019, 7386954	5	4
20	Mass Spectrometry-Based Biomarkers in Drug Development. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1140, 435-449	3.6	2

19	Biomarkers of Drug Toxicity and Safety Evaluation. <b>2019</b> , 655-691		3
18	Current trends in in silico, in vitro toxicology, and safety biomarkers in early drug development. <i>Drug and Chemical Toxicology</i> , <b>2019</b> , 42, 113-121	2.3	12
17	Assessment of Chemotherapy-Induced Organ Damage with Ga-68 Labeled Duramycin. <i>Molecular Imaging and Biology</i> , <b>2020</b> , 22, 623-633	3.8	11
16	Biological variation in kidney injury and kidney function biomarkers among farmers in Lamphun province, Thailand. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 12386-12394	5.1	5
15	A Review of Specific Biomarkers of Chronic Renal Injury and Their Potential Application in Nonclinical Safety Assessment Studies. <i>Toxicologic Pathology</i> , <b>2021</b> , 49, 996-1023	2.1	7
14	Endoplasmic Reticulum Stress-Activated PERK-eIF2 $\beta$ -ATF4 Signaling Pathway is Involved in the Ameliorative Effects of Ginseng Polysaccharides against Cisplatin-Induced Nephrotoxicity in Mice. <i>ACS Omega</i> , <b>2021</b> , 6, 8958-8966	3.9	2
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11	Safety in Early Phase Studies. <b>2019</b> , 247-274		1
10	Mass spectrometry-based biomarkers in drug development. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 806, 341-59	3.6	10
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8	Evaluation of biomarkers for prediction of drug-induced nephrotoxicity in RPTEC/TERT1 cells. <i>Toxicology Research</i> , <b>2020</b> , 9, 91-100	2.6	5
7	Current Challenges and Controversies in Drug-Induced Liver Injury. <i>Drug Safety</i> , <b>2012</b> , 35, 1099-1117	5.1	4
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5	Protective Effect of Arnebia hispidissima Against Carbon Tetrachloride-induced Heart and Kidney Injury in Rats. <i>International Journal of Pharmacology</i> , <b>2018</b> , 14, 1010-1019	0.7	1
4	Proteomic Approaches to Toxicity Assessment. <b>2013</b> , 42-76		
3	Circulating Biomarkers for Drug-Induced Cardiotoxicity: Reverse Translation from Patients to Nonclinical Species. <i>Methods and Principles in Medicinal Chemistry</i> , 279-294	0.4	
2	Development of an imaging toolbox to assess the therapeutic potential and biodistribution of macrophages in a mouse model of multiple organ dysfunction.		

- 1 Assessment of chemotherapy-induced organ damage with  $^{68}\text{Ga}$ -labeled duramycin.