

# Lawrence H Lash

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134  
papers

4,679  
citations

40  
h-index

62  
g-index

142  
ext. papers

5,032  
ext. citations

4.6  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
134	Lawrence Lash reports financial support was provided by National Institutes of Health. Cellular and Functional Biomarkers of Renal Injury and Disease. <i>Current Opinion in Toxicology</i> , <b>2022</b> , 100348	4.4	
133	Diverse Roles of Mitochondria in Renal Injury from Environmental Toxicants and Therapeutic Drugs. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
132	Renal mitochondria as sentinels for exposures to environmental toxicants and nephrotoxic drugs <b>2021</b> , 175-187		1
131	N-Acetyl-L-cysteine and aminoxyacetic acid differentially modulate trichloroethylene reproductive toxicity via metabolism in Wistar rats. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 1303-1321	5.8	2
130	Placenta as a target of trichloroethylene toxicity. <i>Environmental Sciences: Processes and Impacts</i> , <b>2020</b> , 22, 472-486	4.3	7
129	Bromate-induced Changes in p21 DNA Methylation and Histone Acetylation in Renal Cells. <i>Toxicological Sciences</i> , <b>2019</b> , 168, 460-473	4.4	6
128	Environmental and Genetic Factors Influencing Kidney Toxicity. <i>Seminars in Nephrology</i> , <b>2019</b> , 39, 132-140	4.8	10
127	Adapterama II: universal amplicon sequencing on Illumina platforms (TaggiMatrix). <i>PeerJ</i> , <b>2019</b> , 7, e77863	3.1	25
126	Trichloroethylene exposure in mid-pregnancy decreased fetal weight and increased placental markers of oxidative stress in rats. <i>Reproductive Toxicology</i> , <b>2019</b> , 83, 38-45	3.4	12
125	Structure, Function, and Biosynthetic Origin of Octapeptin Antibiotics Active against Extensively Drug-Resistant Gram-Negative Bacteria. <i>Cell Chemical Biology</i> , <b>2018</b> , 25, 380-391.e5	8.2	44
124	Transporter-dependent cytotoxicity of antiviral drugs in primary cultures of human proximal tubular cells. <i>Toxicology</i> , <b>2018</b> , 404-405, 10-24	4.4	7
123	Trichloroethylene Exposure Reduces Liver Injury in a Mouse Model of Primary Biliary Cholangitis. <i>Toxicological Sciences</i> , <b>2017</b> , 156, 428-437	4.4	4
122	Predictive In Vitro Models for Assessment of Nephrotoxicity and Drug-Drug Interactions In Vitro <b>2016</b> , 160-171		1
121	Target Organ Metabolism, Toxicity, and Mechanisms of Trichloroethylene and Perchloroethylene: Key Similarities, Differences, and Data Gaps. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 359, 110-23	4.7	46
120	Activity and Predicted Nephrotoxicity of Synthetic Antibiotics Based on Polymyxin B. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 1068-77	8.3	73
119	Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA). <i>Journal of Epidemiology and Community Health</i> , <b>2016</b> , 70, 741-5	5.1	104
118	Reactive Oxygen Stimulation of Interleukin-6 Release in the Human Trophoblast Cell Line HTR-8/SVneo by the Trichlorethylene Metabolite S-(1,2-Dichloro)-l-Cysteine. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 66	3.9	22

117	Evaluation of biomarkers for in vitro prediction of drug-induced nephrotoxicity: comparison of HK-2, immortalized human proximal tubule epithelial, and primary cultures of human proximal tubular cells. <i>Pharmacology Research and Perspectives</i> , <b>2015</b> , 3, e00148	3.1	47
116	Mitochondrial Glutathione in Diabetic Nephropathy. <i>Journal of Clinical Medicine</i> , <b>2015</b> , 4, 1428-47	5.1	20
115	Glutathione Levels and Susceptibility to Chemically Induced Injury in Two Human Prostate Cancer Cell Lines. <i>Molecules</i> , <b>2015</b> , 20, 10399-414	4.8	6
114	Trichloroethylene: Mechanistic, epidemiologic and other supporting evidence of carcinogenic hazard. <i>Pharmacology &amp; Therapeutics</i> , <b>2014</b> , 141, 55-68	13.9	70
113	Multigenerational study of chemically induced cytotoxicity and proliferation in cultures of human proximal tubular cells. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 21348-65	6.3	3
112	Trichloroethylene biotransformation and its role in mutagenicity, carcinogenicity and target organ toxicity. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2014</b> , 762, 22-36	7	66
111	Modulation of mitochondrial glutathione status and cellular energetics in primary cultures of proximal tubular cells from remnant kidney of uninephrectomized rats. <i>Biochemical Pharmacology</i> , <b>2013</b> , 85, 1379-88	6	16
110	Adaptive changes in renal mitochondrial redox status in diabetic nephropathy. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 258, 188-98	4.6	11
109	Mitochondrial glutathione in toxicology and disease of the kidneys. <i>Toxicology Research</i> , <b>2012</b> , 1, 39-46	2.6	7
108	Bcl-2 is a novel interacting partner for the 2-oxoglutarate carrier and a key regulator of mitochondrial glutathione. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 410-9	7.8	52
107	Influence of renal compensatory hypertrophy on mitochondrial energetics and redox status. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 295-303	6	25
106	Renal membrane transport of glutathione in toxicology and disease. <i>Veterinary Pathology</i> , <b>2011</b> , 48, 408-19		24
105	Effect of innate glutathione levels on activity of redox-responsive gene delivery vectors. <i>Journal of Controlled Release</i> , <b>2010</b> , 141, 77-84	11.7	86
104	Diabetes increases susceptibility of primary cultures of rat proximal tubular cells to chemically induced injury. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 241, 1-13	4.6	15
103	Assessment of the renal toxicity of novel anti-inflammatory compounds using cynomolgus monkey and human kidney cells. <i>Toxicology</i> , <b>2009</b> , 258, 56-63	4.4	13
102	Renal glutathione transport: Identification of carriers, physiological functions, and controversies. <i>BioFactors</i> , <b>2009</b> , 35, 500-8	6.1	22
101	Mitochondrial GSH transport and intestinal cell injury: a commentary on "Contribution of mitochondrial GSH transport to matrix GSH status and colonic epithelial cell apoptosis". <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 44, 765-7	7.8	4
100	Role of mitochondrial dysfunction in cellular responses to S-(1,2-dichlorovinyl)-L-cysteine in primary cultures of human proximal tubular cells. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 552-67	6	27

99	Duration of airborne-manganese exposure in rhesus monkeys is associated with brain regional changes in biomarkers of neurotoxicity. <i>NeuroToxicology</i> , <b>2008</b> , 29, 377-85	4.4	59
98	Hepatic mitochondrial transport of glutathione: studies in isolated rat liver mitochondria and H4IIE rat hepatoma cells. <i>Archives of Biochemistry and Biophysics</i> , <b>2008</b> , 474, 119-27	4.1	53
97	Overexpression of Bcl-2 as a proxy redox stimulus to enhance activity of non-viral redox-responsive delivery vectors. <i>Biomaterials</i> , <b>2008</b> , 29, 2680-8	15.6	13
96	Drug metabolism enzyme expression and activity in primary cultures of human proximal tubular cells. <i>Toxicology</i> , <b>2008</b> , 244, 56-65	4.4	59
95	Adaptive Responses and Signal Transduction Pathways in Chemically Induced Mitochondrial Dysfunction and Cell Death <b>2008</b> , 1-33		
94	Methods for measuring cysteine S-conjugate lyase activity. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , <b>2007</b> , Chapter 6, Unit6.13	1	
93	Glutathione-dependent bioactivation. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , <b>2007</b> , Chapter 6, Unit6.12	1	4
92	Modulation of hepatic and renal metabolism and toxicity of trichloroethylene and perchloroethylene by alterations in status of cytochrome P450 and glutathione. <i>Toxicology</i> , <b>2007</b> , 235, 11-26	4.4	31
91	Role of rat organic anion transporter 3 (Oat3) in the renal basolateral transport of glutathione. <i>Chemico-Biological Interactions</i> , <b>2007</b> , 170, 124-34	5	32
90	Interactive toxicity of inorganic mercury and trichloroethylene in rat and human proximal tubules: effects on apoptosis, necrosis, and glutathione status. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 221, 349-62	4.6	22
89	Manganese inhalation by rhesus monkeys is associated with brain regional changes in biomarkers of neurotoxicity. <i>Toxicological Sciences</i> , <b>2007</b> , 97, 459-66	4.4	88
88	Chemically induced cell death and proliferation during multiple generations of human proximal tubular (hPT) cells. <i>FASEB Journal</i> , <b>2007</b> , 21, A439	0.9	
87	Role of organic anion transporter 3 (Oat3) in the renal transport of glutathione (GSH). <i>FASEB Journal</i> , <b>2007</b> , 21, A438	0.9	
86	Mitochondrial glutathione transport: physiological, pathological and toxicological implications. <i>Chemico-Biological Interactions</i> , <b>2006</b> , 163, 54-67	5	198
85	Cystine alters the renal and hepatic disposition of inorganic mercury and plasma thiol status. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 214, 88-97	4.6	31
84	Growth hormone administration to aged animals reduces disulfide glutathione levels in hippocampus. <i>Mechanisms of Ageing and Development</i> , <b>2006</b> , 127, 57-63	5.6	36
83	Pulmonary bronchiolar cytotoxicity and formation of dichloroacetyl lysine protein adducts in mice treated with trichloroethylene. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 316, 520-9	4.7	18
82	Influence of compensatory renal growth on susceptibility of primary cultures of renal cells to chemically induced injury. <i>Toxicological Sciences</i> , <b>2006</b> , 94, 417-27	4.4	14

81	Modulation of expression of rat mitochondrial 2-oxoglutarate carrier in NRK-52E cells alters mitochondrial transport and accumulation of glutathione and susceptibility to chemically induced apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 316, 1175-86	4.7	39
80	Metabolism and tissue distribution of orally administered trichloroethylene in male and female rats: identification of glutathione- and cytochrome P-450-derived metabolites in liver, kidney, blood, and urine. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2006</b> , 69, 1285-309	3.2	35
79	Membrane transport function in primary cultures of human proximal tubular cells. <i>Toxicology</i> , <b>2006</b> , 228, 200-18	4.4	59
78	Alterations of oxidative stress biomarkers due to in utero and neonatal exposures of airborne manganese. <i>Biological Trace Element Research</i> , <b>2006</b> , 111, 199-215	4.5	42
77	Role of organic anion and amino acid carriers in transport of inorganic mercury in rat renal basolateral membrane vesicles: influence of compensatory renal growth. <i>Toxicological Sciences</i> , <b>2005</b> , 88, 630-44	4.4	31
76	Persistent alterations in biomarkers of oxidative stress resulting from combined in utero and neonatal manganese inhalation. <i>Biological Trace Element Research</i> , <b>2005</b> , 104, 151-63	4.5	27
75	Molecular markers of trichloroethylene-induced toxicity in human kidney cells. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 206, 157-68	4.6	27
74	Role of glutathione transport processes in kidney function. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 204, 329-42	4.6	117
73	Glutathione Transport in the Kidneys <b>2005</b> , 319-339		2
72	Pulmonary bioactivation of trichloroethylene to chloral hydrate: relative contributions of CYP2E1, CYP2F, and CYP2B1. <i>Drug Metabolism and Disposition</i> , <b>2005</b> , 33, 1429-37	4	22
71	Airborne manganese exposure differentially affects end points of oxidative stress in an age- and sex-dependent manner. <i>Biological Trace Element Research</i> , <b>2004</b> , 100, 49-62	4.5	31
70	Manganese-induced cytotoxicity in dopamine-producing cells. <i>NeuroToxicology</i> , <b>2004</b> , 25, 543-53	4.4	79
69	Genetics and susceptibility to toxic chemicals: do you (or should you) know your genetic profile?. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 305, 403-9	4.7	19
68	Oxidative stress is induced in the rat brain following repeated inhalation exposure to manganese sulfate. <i>Biological Trace Element Research</i> , <b>2003</b> , 93, 113-26	4.5	50
67	Roles of necrosis, Apoptosis, and mitochondrial dysfunction in S-(1,2-dichlorovinyl)-L-cysteine sulfoxide-induced cytotoxicity in primary cultures of human renal proximal tubular cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 305, 1163-72	4.7	56
66	The mitochondrial benzodiazepine receptor as a potential target protein for drug development: demonstration of functional significance with cell lines exhibiting differential expression of Bcl-2. <i>Toxicological Sciences</i> , <b>2003</b> , 74, 1-3	4.4	1
65	Human kidney flavin-containing monooxygenases and their potential roles in cysteine s-conjugate metabolism and nephrotoxicity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 304, 185-97	4.7	63
64	Identification of trichloroethylene and its metabolites in human seminal fluid of workers exposed to trichloroethylene. <i>Drug Metabolism and Disposition</i> , <b>2003</b> , 31, 306-11	4	32

63	Cellular energetics and glutathione status in NRK-52E cells: toxicological implications. <i>Biochemical Pharmacology</i> , <b>2002</b> , 64, 1533-46	6	33
62	Renal toxicity of perchloroethylene and S-(1,2,2-trichlorovinyl)glutathione in rats and mice: sex- and species-dependent differences. <i>Toxicology and Applied Pharmacology</i> , <b>2002</b> , 179, 163-71	4.6	27
61	Metabolism and toxicity of trichloroethylene in epididymis and testis. <i>Toxicology and Applied Pharmacology</i> , <b>2002</b> , 182, 244-54	4.6	31
60	Protection of NRK-52E cells, a rat renal proximal tubular cell line, from chemical-induced apoptosis by overexpression of a mitochondrial glutathione transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 303, 476-86	4.7	74
59	Effects of manganese (Mn) on the developing rat brain: oxidative-stress related endpoints. <i>NeuroToxicology</i> , <b>2002</b> , 23, 169-75	4.4	37
58	In vitro nephrotoxicity induced by N-(3,5-dichlorophenyl)succinimide (NDPS) metabolites in isolated renal cortical cells from male and female Fischer 344 rats: evidence for a nephrotoxic sulfate conjugate metabolite. <i>Toxicology</i> , <b>2001</b> , 163, 73-82	4.4	14
57	Apoptosis, necrosis, and cell proliferation induced by S-(1,2-dichlorovinyl)-L-cysteine in primary cultures of human proximal tubular cells. <i>Toxicology and Applied Pharmacology</i> , <b>2001</b> , 177, 1-16	4.6	54
56	Functional and toxicological characteristics of isolated renal mitochondria: impact of compensatory renal growth. <i>Biochemical Pharmacology</i> , <b>2001</b> , 62, 383-95	6	18
55	Cytochrome p450-dependent metabolism of trichloroethylene in rat kidney. <i>Toxicological Sciences</i> , <b>2001</b> , 60, 11-9	4.4	22
54	Measurement of glutathione transport. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , <b>2001</b> , Chapter 6, Unit6.3	1	
53	Biochemical and functional characteristics of cultured renal epithelial cells from uninephrectomized rats: factors influencing nephrotoxicity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2001</b> , 296, 243-51	4.7	15
52	Renal and hepatic toxicity of trichloroethylene and its glutathione-derived metabolites in rats and mice: sex-, species-, and tissue-dependent differences. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2001</b> , 297, 155-64	4.7	46
51	Hepatic and renal toxicities associated with perchloroethylene. <i>Pharmacological Reviews</i> , <b>2001</b> , 53, 177-208	208	63
50	A role for bioactivation and covalent binding within epidermal keratinocytes in sulfonamide-induced cutaneous drug reactions. <i>Journal of Investigative Dermatology</i> , <b>2000</b> , 114, 1164-73	4.3	116
49	Cytotoxicity of trichloroethylene and S-(1, 2-dichlorovinyl)-L-cysteine in primary cultures of rat renal proximal tubular and distal tubular cells. <i>Toxicology</i> , <b>2000</b> , 150, 83-98	4.4	33
48	Role of cytochrome P450 and glutathione S-transferase alpha in the metabolism and cytotoxicity of trichloroethylene in rat kidney. <i>Biochemical Pharmacology</i> , <b>2000</b> , 59, 531-43	6	42
47	Enrichment and functional reconstitution of glutathione transport activity from rabbit kidney mitochondria: further evidence for the role of the dicarboxylate and 2-oxoglutarate carriers in mitochondrial glutathione transport. <i>Archives of Biochemistry and Biophysics</i> , <b>2000</b> , 373, 193-202	4.1	96
46	Role of voltage-dependent anion channels in glutathione transport into yeast mitochondria. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 276, 940-4	3.4	16

45	Dopamine toxicity in neuroblastoma cells: role of glutathione depletion by L-BSO and apoptosis. <i>Brain Research</i> , <b>2000</b> , 858, 1-8	3-7	77
44	Depletion of cellular glutathione by conditions used for the passaging of adherent cultured cells. <i>Toxicology Letters</i> , <b>2000</b> , 115, 153-63	4-4	31
43	Identification of S-(1,2-dichlorovinyl)glutathione in the blood of human volunteers exposed to trichloroethylene. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>1999</b> , 56, 1-21	3-2	52
42	Disposition of inorganic mercury following biliary obstruction and chemically induced glutathione depletion: dispositional changes one hour after the intravenous administration of mercuric chloride. <i>Toxicology and Applied Pharmacology</i> , <b>1999</b> , 154, 135-44	4-6	26
41	Renal cellular transport of exogenous glutathione: heterogeneity at physiological and pharmacological concentrations. <i>Biochemical Pharmacology</i> , <b>1999</b> , 58, 897-907	6	27
40	Relationships between alterations in glutathione metabolism and the disposition of inorganic mercury in rats: effects of biliary ligation and chemically induced modulation of glutathione status. <i>Chemico-Biological Interactions</i> , <b>1999</b> , 123, 171-95	5	20
39	Glutathione conjugation of trichloroethylene in human liver and kidney: kinetics and individual variation. <i>Drug Metabolism and Disposition</i> , <b>1999</b> , 27, 351-9	4	26
38	Influence of exogenous thiols on inorganic mercury-induced injury in renal proximal and distal tubular cells from normal and uninephrectomized rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1999</b> , 291, 492-502	4-7	27
37	Glutathione conjugation of perchloroethylene in rats and mice in vitro: sex-, species-, and tissue-dependent differences. <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 150, 49-57	4-6	31
36	Cellular and subcellular heterogeneity of glutathione metabolism and transport in rat kidney cells. <i>Toxicology</i> , <b>1998</b> , 130, 1-15	4-4	35
35	In vitro methods of assessing renal damage. <i>Toxicologic Pathology</i> , <b>1998</b> , 26, 33-42	2-1	13
34	TRICHLOROETHYLENE:A CURRENT REVIEW OF METABOLISM, MODE OF ACTION, AND REGULATORY CONSIDERATIONS. <i>Toxic Substance Mechanisms</i> , <b>1998</b> , 17, 153-169		6
33	Urinary biomarkers to detect significant effects of environmental and occupational exposure to nephrotoxins. I. Categories of tests for detecting effects of nephrotoxins. <i>Renal Failure</i> , <b>1997</b> , 19, 505-21	2-9	22
32	Urinary biomarkers to detect significant effects of environmental and occupational exposure to nephrotoxins. VI. Future research needs. <i>Renal Failure</i> , <b>1997</b> , 19, 575-94	2-9	6
31	Renal cellular transport, metabolism, and cytotoxicity of S-(6-purinyl)glutathione, a prodrug of 6-mercaptopurine, and analogues. <i>Biochemical Pharmacology</i> , <b>1997</b> , 54, 1341-9	6	15
30	Binding of mercury in renal brush-border and basolateral membrane-vesicles. <i>Biochemical Pharmacology</i> , <b>1997</b> , 53, 1889-900	6	33
29	Metallothionein induction in fetal rat brain and neonatal primary astrocyte cultures by in utero exposure to elemental mercury vapor (Hg <sup>0</sup> ). <i>Brain Research</i> , <b>1997</b> , 778, 222-32	3-7	20
28	Pathways of glutathione metabolism and transport in isolated proximal tubular cells from rat kidney. <i>Biochemical Pharmacology</i> , <b>1996</b> , 52, 259-72	6	40

27	Compartmentation of glutathione: implications for the study of toxicity and disease. <i>Toxicology and Applied Pharmacology</i> , <b>1996</b> , 140, 1-12	4.6	284
26	Alterations in renal cellular glutathione metabolism after in vivo administration of a subtoxic dose of mercuric chloride. <i>Journal of Biochemical Toxicology</i> , <b>1996</b> , 11, 1-9		40
25	Oxidative stress and cytotoxicity of 4-(2-thienyl)butyric acid in isolated rat renal proximal tubular and distal tubular cells. <i>Toxicology</i> , <b>1995</b> , 103, 167-75	4.4	7
24	Adenosine modulates methylmercuric chloride (MeHgCl)-induced D-aspartate release from neonatal rat primary astrocyte cultures. <i>Brain Research</i> , <b>1995</b> , 689, 1-8	3.7	5
23	Intracellular distribution of thiols and disulfides: assay of mitochondrial glutathione transport. <i>Methods in Enzymology</i> , <b>1995</b> , 252, 14-26	1.7	8
22	Susceptibility of primary cultures of proximal tubular and distal tubular cells from rat kidney to chemically induced toxicity. <i>Toxicology</i> , <b>1995</b> , 103, 85-103	4.4	36
21	Advances in understanding the renal transport and toxicity of mercury. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>1994</b> , 42, 1-44	3.2	87
20	Renal cell type specificity of cephalosporin-induced cytotoxicity in suspensions of isolated proximal tubular and distal tubular cells. <i>Toxicology</i> , <b>1994</b> , 94, 97-118	4.4	12
19	Intracellular glutathione (GSH) levels modulate mercuric chloride (MC)- and methylmercuric chloride (MeHgCl)-induced amino acid release from neonatal rat primary astrocytes cultures. <i>Brain Research</i> , <b>1994</b> , 664, 133-40	3.7	64
18	Activities of enzymes involved in renal cellular glutathione metabolism after uninephrectomy in the rat. <i>Archives of Biochemistry and Biophysics</i> , <b>1994</b> , 309, 129-38	4.1	24
17	Hypoxia and oxygen dependence of cytotoxicity in renal proximal tubular and distal tubular cells. <i>Biochemical Pharmacology</i> , <b>1993</b> , 45, 191-200	6	13
16	Introduction: Criteria for Assessing Normal and Abnormal Mitochondrial Function <b>1993</b> , 1-7		5
15	Mitochondrial Isolation from Liver and Kidney: Strategy, Techniques, and Criteria for Purity <b>1993</b> , 8-28		12
14	Cytotoxicity of alkylating agents in isolated rat kidney proximal tubular and distal tubular cells. <i>Archives of Biochemistry and Biophysics</i> , <b>1991</b> , 286, 46-56	4.1	40
13	Uptake of glutathione by renal cortical mitochondria. <i>Archives of Biochemistry and Biophysics</i> , <b>1991</b> , 288, 653-63	4.1	59
12	Susceptibility to toxic injury in different nephron cell populations. <i>Toxicology Letters</i> , <b>1990</b> , 53, 97-104	4.4	19
11	Bioactivation mechanism of cytotoxic homocysteine S-conjugates. <i>Archives of Biochemistry and Biophysics</i> , <b>1990</b> , 276, 322-30	4.1	17
10	Isolation of two distinct populations of cells from rat kidney cortex and their use in the study of chemical-induced toxicity. <i>Analytical Biochemistry</i> , <b>1989</b> , 182, 271-9	3.1	58

9	S-(1,2-dichlorovinyl)-L-homocysteine-induced cytotoxicity in isolated rat kidney cells. <i>Archives of Biochemistry and Biophysics</i> , <b>1986</b> , 251, 432-9	4.1	29
8	Purification and properties of the membranal thiol oxidase from porcine kidney. <i>Archives of Biochemistry and Biophysics</i> , <b>1986</b> , 247, 120-30	4.1	22
7	Metabolism of S-(2-chloro-1,1,2-trifluoroethyl)-L-cysteine to hydrogen sulfide and the role of hydrogen sulfide in S-(2-chloro-1,1,2-trifluoroethyl)-L-cysteine-induced mitochondrial toxicity. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 138, 707-13	3.4	20
6	Distribution of oxidized and reduced forms of glutathione and cysteine in rat plasma. <i>Archives of Biochemistry and Biophysics</i> , <b>1985</b> , 240, 583-92	4.1	172
5	The renal thiol (glutathione) oxidase. Subcellular localization and properties. <i>BBA - Biomembranes</i> , <b>1984</b> , 779, 191-200		25
4	Transport of glutathione by renal basal-lateral membrane vesicles. <i>Biochemical and Biophysical Research Communications</i> , <b>1983</b> , 112, 55-60	3.4	81
3	Role of Bioactivation Reactions in Chemically Induced Nephrotoxicity761-781		3
2	Compartmentation of Redox Signaling and Control: Discrimination of Oxidative Stress in Mitochondria, Cytoplasm, Nuclei, and Endoplasmic Reticulum433-461		1
1	Adapterama II: Universal amplicon sequencing on Illumina platforms (TaggiMatrix)		3