

Christy C Bridges

List of Publications by Year in descending order

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70
papers

2,991
citations

218677
26
h-index

168389
53
g-index

77
all docs

77
docs citations

77
times ranked

3322
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular and ionic mimicry and the transport of toxic metals. <i>Toxicology and Applied Pharmacology</i> , 2005, 204, 274-308.	2.8	639
2	Chronic Kidney Disease and Exposure to Nephrotoxic Metals. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1039.	4.1	252
3	Transport of Inorganic Mercury and Methylmercury in Target Tissues and Organs. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2010, 13, 385-410.	6.5	195
4	Expression and Differential Polarization of the Reduced-folate Transporter-1 and the Folate Receptor $\hat{1}\pm$ in Mammalian Retinal Pigment Epithelium. <i>Journal of Biological Chemistry</i> , 2000, 275, 20676-20684.	3.4	136
5	Transport of Amino Acid-Based Prodrugs by the Na ⁺ - and Cl ⁻ -Coupled Amino Acid Transporter ATB0,+ and Expression of the Transporter in Tissues Amenable for Drug Delivery. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 1138-1147.	2.5	131
6	Mechanisms involved in the transport of mercuric ions in target tissues. <i>Archives of Toxicology</i> , 2017, 91, 63-81.	4.2	129
7	Involvement of transporter recruitment as well as gene expression in the substrate-induced adaptive regulation of amino acid transport system A. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1512, 15-21.	2.6	98
8	The aging kidney and the nephrotoxic effects of mercury. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017, 20, 55-80.	6.5	86
9	Transport of d-Serine via the Amino Acid Transporter ATB0,+ Expressed in the Colon. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 291-295.	2.1	84
10	Mercuric Conjugates of Cysteine Are Transported by the Amino Acid Transporter System b0,+ : Implications of Molecular Mimicry. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 663-673.	6.1	77
11	Homocysteine, System b0,+ and the Renal Epithelial Transport and Toxicity of Inorganic Mercury. <i>American Journal of Pathology</i> , 2004, 165, 1385-1394.	3.8	62
12	Regulation of taurine transporter expression by NO in cultured human retinal pigment epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1825-C1836.	4.6	59
13	Multidrug Resistance Proteins and the Renal Elimination of Inorganic Mercury Mediated by 2,3-Dimercaptopropane-1-Sulfonic Acid and Meso-2,3-dimercaptosuccinic Acid. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 383-390.	2.5	59
14	The Neonatal Intensive Care Unit: Environmental Stressors and Supports. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 60.	2.6	59
15	Transport of choline and its relationship to the expression of the organic cation transporters in a rat brain microvessel endothelial cell line (RBE4). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1512, 299-307.	2.6	58
16	Molecular Characterization and Developmental Expression of NORPEG, a Novel Gene Induced by Retinoic Acid. <i>Journal of Biological Chemistry</i> , 2001, 276, 2831-2840.	3.4	45
17	MRP2 and the DMPS- and DMSA-Mediated Elimination of Mercury in TR ⁺ and Control Rats Exposed to Thiol S-Conjugates of Inorganic Mercury. <i>Toxicological Sciences</i> , 2008, 105, 211-220.	3.1	44
18	Transcellular transfer of folate across the retinal pigment epithelium. <i>Current Eye Research</i> , 2002, 24, 129-138.	1.5	41

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19	Induction of Cystine-Glutamate Transporter xc ⁺ by Human Immunodeficiency Virus Type 1 Transactivator Protein Tat in Retinal Pigment Epithelium. , 2004, 45, 2906.		40
20	MRP2 and the handling of mercuric ions in rats exposed acutely to inorganic and organic species of mercury. Toxicology and Applied Pharmacology, 2011, 251, 50-58.	2.8	37
21	Effect of DMPS and DMSA on the Placental and Fetal Disposition of Methylmercury. Placenta, 2009, 30, 800-805.	1.5	34
22	Relationships between the Renal Handling of DMPS and DMSA and the Renal Handling of Mercury. Chemical Research in Toxicology, 2012, 25, 1825-1838.	3.3	34
23	Transport of thiol-conjugates of inorganic mercury in human retinal pigment epithelial cells. Toxicology and Applied Pharmacology, 2007, 221, 251-260.	2.8	31
24	MRP2 involvement in renal proximal tubular elimination of methylmercury mediated by DMPS or DMSA. Toxicology and Applied Pharmacology, 2009, 235, 10-17.	2.8	31
25	New insights into the metabolism of organomercury compounds: Mercury-containing cysteine S-conjugates are substrates of human glutamine transaminase K and potent inactivators of cystathionine β -lyase. Archives of Biochemistry and Biophysics, 2012, 517, 20-29.	3.0	30
26	Aging and the disposition and toxicity of mercury in rats. Experimental Gerontology, 2014, 53, 31-39.	2.8	30
27	Regulation of the Reduced-Folate Transporter by Nitric Oxide in Cultured Human Retinal Pigment Epithelial Cells. Biochemical and Biophysical Research Communications, 1999, 257, 279-283.	2.1	29
28	Toxicological significance of renal Bcrp: Another potential transporter in the elimination of mercuric ions from proximal tubular cells. Toxicology and Applied Pharmacology, 2015, 285, 110-117.	2.8	26
29	Disposition of inorganic mercury in pregnant rats and their offspring. Toxicology, 2015, 335, 62-71.	4.2	26
30	Identification of a novel Na ⁺ - and Cl ⁻ -coupled transport system for endogenous opioid peptides in retinal pigment epithelium and induction of the transport system by HIV-1 Tat. Biochemical Journal, 2003, 375, 17-22.	3.7	25
31	System BO ₊ and the Transport of Thiol-S-Conjugates of Methylmercury. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 948-956.	2.5	25
32	Novel Hg ²⁺ -Induced Nephropathy in Rats and Mice Lacking Mrp2: Evidence of Axial Heterogeneity in the Handling of Hg ²⁺ Along the Proximal Tubule. Toxicological Sciences, 2014, 142, 250-260.	3.1	25
33	Progesterone Inhibits Folic Acid Transport in Human Trophoblasts. Journal of Membrane Biology, 2007, 216, 143-152.	2.1	23
34	Placental and fetal disposition of mercuric ions in rats exposed to methylmercury: Role of Mrp2. Reproductive Toxicology, 2012, 34, 628-634.	2.9	23
35	Glutathione Status and the Renal Elimination of Inorganic Mercury in the Mrp2 ^{-/-} Mouse. PLoS ONE, 2013, 8, e73559.	2.5	22
36	A comparison of caveolae and caveolin-1 to folate receptor alpha in retina and retinal pigment epithelium. The Histochemical Journal, 2001, 33, 149-158.	0.6	20

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37	Potential mechanisms of cellular injury following exposure to a physiologically relevant species of inorganic mercury. <i>Toxicology Letters</i> , 2019, 304, 13-20.	0.8	20
38	The role of hyaluronic acid in SEB-induced acute lung inflammation. <i>Clinical Immunology</i> , 2013, 146, 56-69.	3.2	19
39	A Case of Accidental Mercury Intoxication. <i>Journal of Emergency Medicine</i> , 2019, 56, 275-278.	0.7	17
40	CD44 as a novel target for treatment of staphylococcal enterotoxin B-induced acute inflammatory lung injury. <i>Clinical Immunology</i> , 2012, 144, 41-52.	3.2	15
41	Molecular Mimicry as a Mechanism for the Uptake of CysteineS-Conjugates of Methylmercury and Inorganic Mercury. <i>Chemical Research in Toxicology</i> , 2006, 19, 1117-1118.	3.3	14
42	Reaction of Cyanide with Hg ⁰ -Contaminated Gold Mining Tailings Produces Soluble Mercuric Cyanide Complexes. <i>Chemical Research in Toxicology</i> , 2020, 33, 2834-2844.	3.3	14
43	Exposure to mixtures of mercury, cadmium, lead, and arsenic alters the disposition of single metals in tissues of Wistar rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 1246-1256.	2.3	13
44	Targeting of reactive isolevuglandins in mitochondrial dysfunction and inflammation. <i>Redox Biology</i> , 2019, 26, 101300.	9.0	13
45	Compensatory renal hypertrophy and the handling of an acute nephrotoxicant in a model of aging. <i>Experimental Gerontology</i> , 2016, 75, 16-23.	2.8	12
46	Training Frontline Providers in the Detection and Management of Perinatal Mood and Anxiety Disorders. <i>Journal of Women's Health</i> , 2020, 29, 889-890.	3.3	11
47	Seventy-Five Percent Nephrectomy and the Disposition of Inorganic Mercury in 2,3-Dimercaptopropanesulfonic Acid-Treated Rats Lacking Functional Multidrug-Resistance Protein 2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 866-875.	2.5	9
48	Transport and Toxicity of Methylmercury-Cysteine in Cultured BeWo Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 394.	4.1	9
49	MRP2 and the Transport Kinetics of Cysteine Conjugates of Inorganic Mercury. <i>Biological Trace Element Research</i> , 2018, 184, 279-286.	3.5	7
50	Co-administration of Selenium with Inorganic Mercury Alters the Disposition of Mercuric Ions in Rats. <i>Biological Trace Element Research</i> , 2020, 195, 187-195.	3.5	7
51	Oral exposure of pregnant rats to toxic doses of methylmercury alters fetal accumulation. <i>Reproductive Toxicology</i> , 2017, 69, 265-275.	2.9	6
52	Chemical analysis of Hg ⁰ -containing Hindu religious objects. <i>PLoS ONE</i> , 2019, 14, e0226855.	2.5	5
53	Are Pediatric Providers On-Board With Current Recommendations Related to Maternal Mental Health Screening at Well-Child Visits in the State of Georgia?. <i>Journal of the American Psychiatric Nurses Association</i> , 2022, 28, 444-454.	1.0	5
54	Ionic and Molecular Mimicry and the Transport of Metals. , 2010, , 241-294.		5

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55	Transporters and Toxicity: Insights From the International Transporter Consortium Workshop 4. Clinical Pharmacology and Therapeutics, 2022, 112, 527-539.	4.7	4
56	Cystine and glutamate transport in renal epithelial cells transfected with human system x ^c -. Kidney International, 2005, 68, 653-664.	5.2	3
57	Compensatory Renal Hypertrophy and the Uptake of CysteineS-Conjugates of Hg ²⁺ in Isolated S2 Proximal Tubular Segments. Toxicological Sciences, 2016, 154, 278-288.	3.1	3
58	Knowledge of and Attitudes Toward Perinatal Home Visiting in Women with High-Risk Pregnancies. Journal of Midwifery and Women's Health, 2021, 66, 227-232.	1.3	3
59	Prophylactic supplementation with selenium alters disposition of mercury in aged rats. Experimental Gerontology, 2021, 149, 111289.	2.8	3
60	Pregnancy Alters Renal and Blood Burden of Mercury in Females. Biological Trace Element Research, 2018, 186, 9-11.	3.5	2
61	Chronic kidney disease in pregnant mothers affects maternal and fetal disposition of mercury. Reproductive Toxicology, 2020, 93, 137-145.	2.9	2
62	Molecular and Cellular Biology of Mercury in the Kidneys. , 2010, , 35-77.		2
63	Hepatic processing of mercuric ions facilitates delivery to renal proximal tubules. Toxicology Letters, 2022, 359, 1-9.	0.8	2
64	Sex differences in renal handling of inorganic mercury in aged rats. Current Research in Toxicology, 2020, 1, 1-4.	2.7	1
65	Structural characterization of 1,3-propanedithiols that feature carboxylic acids: Homologues of mercury chelating agents. Polyhedron, 2013, 64, 268-279.	2.2	0
66	Disposition of methylmercury over time in a 75% nephrectomized rat model. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 349-360.	2.3	0
67	Role of System ATB O ₃ in the Transport of Cysteine S-Conjugates of Methylmercury. FASEB Journal, 2006, 20, A1138.	0.5	0
68	Mercury is Transported by the Retinal Pigment Epithelium as an S-Conjugate of Cysteine. FASEB Journal, 2006, 20, A1137.	0.5	0
69	Absence of Mrp2 leads to differences in severity and pattern of mercury nephrotoxicity in mice. FASEB Journal, 2013, 27, 889.6.	0.5	0
70	The Role of Hyaluronic Acid in SEB-Induced Acute Lung Inflammation. FASEB Journal, 2013, 27, 1166.8.	0.5	0