

Mary Ann Sens

List of Publications by Year in descending order

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230014

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docs citations

100
times ranked

3744
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#	ARTICLE	IF	CITATIONS
1	Nicotinic Receptors in the Brainstem Ascending Arousal System in SIDS With Analysis of Pre-natal Exposures to Maternal Smoking and Alcohol in High-Risk Populations of the Safe Passage Study. <i>Frontiers in Neurology</i> , 2021, 12, 636668.	1.1	8
2	Zinc, Zinc Transporters, and Cadmium Cytotoxicity in a Cell Culture Model of Human Urothelium. <i>Toxics</i> , 2021, 9, 94.	1.6	9
3	Aberrant Expression of ZIP and ZnT Zinc Transporters in UROtsa Cells Transformed to Malignant Cells by Cadmium. <i>Stresses</i> , 2021, 1, 78-89.	1.8	7
4	Half Century Since SIDS: A Reappraisal of Terminology. <i>Pediatrics</i> , 2021, 148, .	1.0	16
5	Commentary on: Dror IE, Melinek J, Arden JL, Kukucka J, Hawkins S, Carter J, et al. Cognitive bias in forensic pathology decisions. <i>J Forensic Sci.</i> https://doi.org/10.1111/1556-4029.14697 . Epub 2021 Feb 20.. <i>Journal of Forensic Sciences</i> , 2021, 66, 2541-2544.	0.9	2
6	Protocols, practices, and needs for investigating sudden unexpected infant deaths. <i>Forensic Science, Medicine, and Pathology</i> , 2020, 16, 91-98.	0.6	8
7	Activation of PPAR β and inhibition of cell proliferation reduces key proteins associated with the basal subtype of bladder cancer in As3+-transformed UROtsa cells. <i>PLoS ONE</i> , 2020, 15, e0237976.	1.1	4
8	Concurrent prenatal drinking and smoking increases risk for SIDS: Safe Passage Study report. <i>EClinicalMedicine</i> , 2020, 19, 100247.	3.2	55
9	Subcellular partitioning of Kaiso (ZBTB33) as a biomarker to predict overall breast cancer survival.. <i>Journal of Clinical Oncology</i> , 2020, 38, 3534-3534.	0.8	3
10	Inconsistent classification of unexplained sudden deaths in infants and children hinders surveillance, prevention and research: recommendations from The 3rd International Congress on Sudden Infant and Child Death. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 622-628.	0.6	62
11	Forensic Autopsy Experience and Core Entrustable Professional Activities: A Structured Introduction to Autopsy Pathology for Preclinical Student. <i>Academic Pathology</i> , 2019, 6, 2374289519831930.	0.7	5
12	The urothelial cell line UROtsa transformed by arsenite and cadmium display basal characteristics associated with muscle invasive urothelial cancers. <i>PLoS ONE</i> , 2018, 13, e0207877.	1.1	15
13	The Stillbirth Classification System for the Safe Passage Study. <i>Pediatric and Developmental Pathology</i> , 2017, 20, 120-132.	0.5	13
14	A modified Timeline Followback assessment to capture alcohol exposure in pregnant women: Application in the Safe Passage Study. <i>Alcohol</i> , 2017, 62, 17-27.	0.8	28
15	The expression of keratin 6 is regulated by the activation of the ERK1/2 pathway in arsenite transformed human urothelial cells. <i>Toxicology and Applied Pharmacology</i> , 2017, 331, 41-53.	1.3	9
16	County level incidence rates of chronic lymphocytic leukemia are associated with residential radon levels. <i>Future Oncology</i> , 2017, 13, 1873-1881.	1.1	10
17	Drinking and smoking patterns during pregnancy: Development of group-based trajectories in the Safe Passage Study. <i>Alcohol</i> , 2017, 62, 49-60.	0.8	45
18	STEERing an IDEa in Undergraduate Research at a Rural Research Intensive University. <i>Academic Pathology</i> , 2017, 4, 2374289517735092.	0.7	9

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19	The Institution of a Standardized Investigation Protocol for Sudden Infant Death in the Eastern Metropole, Cape Town, South Africa. <i>Journal of Forensic Sciences</i> , 2016, 61, 1508-1514.	0.9	9
20	Overall Postneonatal Mortality and Rates of SIDS. <i>Pediatrics</i> , 2016, 137, .	1.0	63
21	Metallothionein isoform 3 expression in human skin, related cancers and human skin derived cell cultures. <i>Toxicology Letters</i> , 2015, 232, 141-148.	0.4	12
22	Cadherin Expression, Vectorial Active Transport, and Metallothionein Isoform 3 Mediated EMT/MET Responses in Cultured Primary and Immortalized Human Proximal Tubule Cells. <i>PLoS ONE</i> , 2015, 10, e0120132.	1.1	12
23	Increased neuron specific enolase expression by urothelial cells exposed to or malignantly transformed by exposure to Cd ²⁺ or As ³⁺ . <i>Toxicology Letters</i> , 2012, 212, 66-74.	0.4	16
24	ZIP8 expression in human proximal tubule cells, human urothelial cells transformed by Cd ²⁺ and As ³⁺ and in specimens of normal human urothelium and urothelial cancer. <i>Cancer Cell International</i> , 2012, 12, 16.	1.8	22
25	Application of a classification system focusing on potential asphyxia for cases of sudden unexpected infant death. <i>Forensic Science, Medicine, and Pathology</i> , 2012, 8, 34-39.	0.6	13
26	Kindlin-2 Expression in Arsenite- and Cadmium-transformed Bladder Cancer Cell Lines and in Archival Specimens of Human Bladder Cancer. <i>Urology</i> , 2011, 77, 1507.e1-1507.e7.	0.5	24
27	Differences in the epigenetic regulation of MT-3 gene expression between parental and Cd ²⁺ or As ³⁺ transformed human urothelial cells. <i>Cancer Cell International</i> , 2011, 11, 2.	1.8	46
28	Comparison of expression patterns of keratin 6, 7, 16, 17, and 19 within multiple independent isolates of As ³⁺ - and Cd ²⁺ -induced bladder cancer. <i>Cell Biology and Toxicology</i> , 2011, 27, 381-396.	2.4	14
29	Arsenic, cadmium and neuron specific enolase (ENO2, β -enolase) expression in breast cancer. <i>Cancer Cell International</i> , 2011, 11, 41.	1.8	32
30	Progressive primary pulmonary tuberculosis presenting as the sudden unexpected death in infancy: A case report. <i>Forensic Science International</i> , 2011, 206, e27-e30.	1.3	12
31	Hepatic Hemangioendothelioma Presenting as Sudden Unexpected Death in Infancy: A Case Report. <i>Pediatric and Developmental Pathology</i> , 2011, 14, 71-74.	0.5	7
32	Keratin 6 expression correlates to areas of squamous differentiation in multiple independent isolates of As ³⁺ -induced bladder cancer. <i>Journal of Applied Toxicology</i> , 2010, 30, 416-430.	1.4	31
33	Absence of metallothionein 3 expression in breast cancer is a rare but favorable marker that is under epigenetic control. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1673-1695.	0.6	24
34	Microarray Analysis of Gene Expression Patterns in Human Proximal Tubule Cells Over a Short and Long Time Course of Cadmium Exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 74, 24-42.	1.1	15
35	Cadmium, Environmental Exposure, and Health Outcomes. <i>Environmental Health Perspectives</i> , 2010, 118, 182-190.	2.8	856
36	Beclin-1 expression in normal bladder and in Cd ²⁺ and As ³⁺ exposed and transformed human urothelial cells (UROtsa). <i>Toxicology Letters</i> , 2010, 195, 15-22.	0.4	10

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37	Variation of Keratin 7 Expression and Other Phenotypic Characteristics of Independent Isolates of Cadmium Transformed Human Urothelial Cells (UROtsa). <i>Chemical Research in Toxicology</i> , 2010, 23, 348-356.	1.7	15
38	SPARC gene expression is repressed in human urothelial cells (UROtsa) exposed to or malignantly transformed by cadmium or arsenite. <i>Toxicology Letters</i> , 2010, 199, 166-172.	0.4	22
39	A practical classification schema incorporating consideration of possible asphyxia in cases of sudden unexpected infant death. <i>Forensic Science, Medicine, and Pathology</i> , 2009, 5, 254-260.	0.6	32
40	Unexpected Neoplasia in Autopsies: Potential Implications for Tissue and Organ Safety. <i>Archives of Pathology and Laboratory Medicine</i> , 2009, 133, 1923-1931.	1.2	22
41	Zinc transporter mRNA expression in the RWPE-1 human prostate epithelial cell line. <i>BioMetals</i> , 2008, 21, 405-416.	1.8	16
42	Alterations in metal toxicity and metal-induced metallothionein gene expression elicited by growth medium calcium concentration. <i>Cell Biology and Toxicology</i> , 2008, 24, 273-281.	2.4	4
43	Basal and metal-induced expression of metallothionein isoform 1 and 2 genes in the RWPE-1 human prostate epithelial cell line. <i>Journal of Applied Toxicology</i> , 2008, 28, 283-293.	1.4	34
44	Cadmium, Vectorial Active Transport, and MT-3-Dependent Regulation of Cadherin Expression in Human Proximal Tubular Cells. <i>Toxicological Sciences</i> , 2008, 102, 310-318.	1.4	22
45	Transformation of Human Urothelial Cells (UROtsa) by As ³⁺ and Cd ²⁺ Induces the Expression of Keratin 6a. <i>Environmental Health Perspectives</i> , 2008, 116, 434-440.	2.8	17
46	Simple Method for Identification of Metallothionein Isoforms in Cultured Human Prostate Cells by MALDI-TOF/TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 4433-4441.	3.2	18
47	The resistance of metallothionein to proteolytic digestion: An LC-MS/MS analysis. <i>Electrophoresis</i> , 2007, 28, 2942-2952.	1.3	6
48	Metallothionein-1 and -2 Expression in Cadmium- or Arsenic-Derived Human Malignant Urothelial Cells and Tumor Heterotransplants and as a Prognostic Indicator in Human Bladder Cancer. <i>Toxicological Sciences</i> , 2006, 91, 467-475.	1.4	22
49	Urothelial Cells Malignantly Transformed by Exposure to Cadmium (Cd ²⁺) and Arsenite (As ³⁺) Have Increased Resistance to Cd ²⁺ and As ³⁺ -Induced Cell Death. <i>Toxicological Sciences</i> , 2006, 94, 293-301.	1.4	20
50	Enhanced Expression of Metallothionein Isoform 3 Protein in Tumor Heterotransplants Derived from As ³⁺ - and Cd ²⁺ -Transformed Human Urothelial Cells. <i>Toxicological Sciences</i> , 2006, 93, 322-330.	1.4	21
51	The Unique N-Terminal Sequence of Metallothionein-3 Is Required to Regulate the Choice between Apoptotic or Necrotic Cell Death of Human Proximal Tubule Cells Exposed to Cd ²⁺ . <i>Toxicological Sciences</i> , 2006, 90, 369-376.	1.4	21
52	Expression of Metallothionein Isoform 3 Is Restricted at the Post-Transcriptional Level in Human Bladder Epithelial Cells. <i>Toxicological Sciences</i> , 2005, 87, 66-74.	1.4	8
53	Post-Transcriptional Regulation of Metallothionein Isoform 1 and 2 Expression in the Human Breast and the MCF-10A Cell Line. <i>Toxicological Sciences</i> , 2005, 85, 906-915.	1.4	24
54	Expression of Metallothionein Isoform 3 (MT-3) Determines the Choice between Apoptotic or Necrotic Cell Death in Cd ²⁺ -Exposed Human Proximal Tubule Cells. <i>Toxicological Sciences</i> , 2004, 80, 358-366.	1.4	42

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55	Inorganic Cadmium- and Arsenite-Induced Malignant Transformation of Human Bladder Urothelial Cells. <i>Toxicological Sciences</i> , 2004, 79, 56-63.	1.4	101
56	Stable Transfection and Overexpression of Metallothionein Isoform 3 Inhibits the Growth of MCF-7 and Hs578T Cells but not that of T-47D or MDA-MB-231 Cells. <i>Breast Cancer Research and Treatment</i> , 2003, 80, 181-191.	1.1	25
57	Metallothionein Isoform 1 and 2 Gene Expression in a Human Urothelial Cell Line (UROtsa) Exposed to CdCl ₂ and NaAsO ₂ . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003, 66, 2031-2046.	0.5	13
58	Transient induction of metallothionein isoform 3 (MT-3), c-fos, c-jun and c-myc in human proximal tubule cells exposed to cadmium. <i>Toxicology Letters</i> , 2002, 126, 69-80.	0.4	44
59	Expression of hsp 90 in the human kidney and in proximal tubule cells exposed to heat, sodium arsenite and cadmium chloride. <i>Toxicology Letters</i> , 2002, 133, 241-254.	0.4	32
60	Expression of hsp 27, hsp 60, hsc 70, and hsp 70 stress response genes in cultured human urothelial cells (UROtsa) exposed to lethal and sublethal concentrations of sodium arsenite.. <i>Environmental Health Perspectives</i> , 2002, 110, 1225-1232.	2.8	47
61	Metallothionein isoform 3 and proximal tubule vectorial active transport. <i>Kidney International</i> , 2002, 61, 464-472.	2.6	39
62	Metallothionein isoform 3 expression inhibits cell growth and increases drug resistance of PC-3 prostate cancer cells. <i>Prostate</i> , 2002, 52, 89-97.	1.2	45
63	Metallothionein Isoform 3 Overexpression Is Associated with Breast Cancers Having a Poor Prognosis. <i>American Journal of Pathology</i> , 2001, 159, 21-26.	1.9	82
64	ACUTE EXPOSURE TO ARSENITE INDUCES METALLOTHIONEIN ISOFORM-SPECIFIC GENE EXPRESSION IN HUMAN PROXIMAL TUBULE CELLS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2001, 64, 343-355.	1.1	12
65	EXPRESSION OF hsp 27, hsp 60, hsc 70, AND hsp 70 BY IMMORTALIZED HUMAN PROXIMAL TUBULE CELLS (HK-2) FOLLOWING EXPOSURE TO HEAT SHOCK, SODIUM ARSENITE, OR CADMIUM CHLORIDE. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2001, 63, 475-493.	1.1	28
66	Metallothionein isoform 1 and 2 gene expression in the human prostate: Downregulation of MT-1X in advanced prostate cancer. , 2000, 43, 125-135.		58
67	Expression of heat shock protein 60 in human proximal tubule cells exposed to heat, sodium arsenite and CdCl ₂ . <i>Toxicology Letters</i> , 2000, 115, 127-136.	0.4	30
68	Tissue Culture of Human Renal Epithelial Cells Using a Defined Serum-Free Growth Formulation. <i>Nephron Experimental Nephrology</i> , 1999, 7, 344-352.	2.4	30
69	Expression of the Constitutive and Inducible Forms of Heat Shock Protein 70 in Human Proximal Tubule Cells Exposed to Heat, Sodium Arsenite, and CdCl ₂ . <i>Environmental Health Perspectives</i> , 1999, 107, 887.	2.8	25
70	Metallothionein isoform 3 expression in the human prostate and cancer-derived cell lines. , 1999, 41, 196-202.		57
71	Heat Shock Protein 27 Expression in Human Proximal Tubule Cells Exposed to Lethal and Sublethal Concentrations of CdCl ₂ . <i>Environmental Health Perspectives</i> , 1999, 107, 545.	2.8	22
72	Expression of MT-3 protein in the human kidney. <i>Toxicology Letters</i> , 1999, 105, 207-214.	0.4	89

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73	Metallothionein isoform gene expression in four human bladder cancer cell lines. , 1999, , 607-612.		3
74	Expression of Heat Shock Protein 60 Is Reduced in the Bladder of Patients with Interstitial Cystitis. Journal of Urologic Pathology, 1999, 10, 97-108.	0.3	3
75	Expression of Heat Shock Protein 27 in Adult and Fetal Bladder and in Patients with Interstitial Cystitis. Journal of Urologic Pathology, 1998, 9, 1-16.	0.3	6
76	Expression of MT-3 mRNA in human kidney, proximal tubule cell cultures, and renal cell carcinoma. Toxicology Letters, 1997, 92, 149-160.	0.4	81
77	Expression of heat shock protein 27 in developing and adult human kidney. Toxicology Letters, 1996, 84, 69-79.	0.4	27
78	Isoform-specific expression of metallothionein mRNA in the developing and adult human kidney. Toxicology Letters, 1996, 85, 17-27.	0.4	108
79	Exposure of human proximal tubule cells to cytotoxic levels of CdCl ₂ induces the additional expression of metallothionein 1A mRNA. Toxicology Letters, 1995, 76, 209-217.	0.4	11
80	Aminoglycoside Antibiotics Alter the Paracellular Transport Properties of Cultured Human Proximal Tubule Cells. Toxicologic Pathology, 1994, 22, 56-67.	0.9	4
81	Characterization of a Monoclonal Antibody Recognizing the Blastemal Element of Wilms' Tumors and Fetal Kidneys. Pediatric Pathology, 1994, 14, 849-862.	0.5	4
82	Characterization of a Monoclonal Antibody Recognizing Selective Epithelial Elements of Wilms Tumors and Fetal Kidneys. Pediatric Pathology, 1994, 14, 833-847.	0.5	1
83	Serum-free culture and characterization of renal epithelial cells isolated from human fetal kidneys of varying gestational age. In Vitro Cellular and Developmental Biology - Animal, 1994, 30, 356-365.	0.7	8
84	Selective exposure of human proximal tubule cells to gentamicin provides evidence for a basolateral component of toxicity. Toxicology Letters, 1994, 74, 1-13.	0.4	1
85	Heterogeneity in the amount of ionic cadmium necessary to elicit cell death in independent cultures of human proximal tubule cells. Toxicology Letters, 1994, 70, 185-191.	0.4	6
86	Induction of metallothionein mRNA and protein following exposure of cultured human proximal tubule cells to cadmium. Toxicology Letters, 1994, 71, 111-122.	0.4	9
87	Variation in the electrical properties of cultured human proximal tubule cells. In Vitro Cellular & Developmental Biology, 1993, 29, 371-378.	1.0	16
88	Automatic Quantitation of cell Growth and Determination of Mitotic Index using Dapi Nuclear Staining. Pediatric Pathology, 1993, 13, 249-265.	0.5	18
89	Aminoglycoside Antibiotics Alter the Electrogenic Transport Properties of Cultured Human Proximal Tubule Cells. Toxicologic Pathology, 1992, 20, 608-616.	0.9	10
90	In situ freeze-fracture of monolayer cell cultures grown on a permeable support. Microscopy Research and Technique, 1992, 22, 301-305.	1.2	8

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91	Cadmium nephrotoxicity in human proximal tubule cell cultures. <i>In Vitro Cellular & Developmental Biology</i> , 1989, 25, 784-790.	1.0	21
92	An electrophysiological freeze fracture assessment of cadmium nephrotoxicity in vitro. <i>In Vitro Cellular & Developmental Biology</i> , 1989, 25, 791-799.	1.0	13
93	Cell culture and characterization of human minor salivary gland duct cells. <i>Journal of Oral Pathology and Medicine</i> , 1989, 18, 214-219.	1.4	19
94	Elevated glucose alters paracellular transport of cultured human proximal tubule cells. <i>Kidney International</i> , 1989, 35, 31-39.	2.6	19
95	<i>Fatal Streptobacillus moniliformis Infection in a Two-Month-Old Infant</i> . <i>American Journal of Clinical Pathology</i> , 1989, 91, 612-616.	0.4	54
96	Ultrastructural and immunohistochemical characterization of submandibular duct cells in culture and modification of outgrowth differentiation by manipulation of calcium ion concentration. <i>In Vitro Cellular & Developmental Biology</i> , 1988, 24, 593-600.	1.0	14
97	Tissue Culture of Normal and Cystic Fibrosis Sweat Gland Duct Cells I. Alterations in Dome Formation. <i>Pediatric Research</i> , 1987, 21, 72-78.	1.1	9
98	Tissue Culture of Epithelial Cells from Urine II. Application to Patients with Cystic Fibrosis. <i>Pediatric Pathology</i> , 1984, 2, 165-170.	0.5	5
99	Tissue culture of human kidney epithelial cells of proximal tubule origin. <i>Kidney International</i> , 1984, 25, 383-390.	2.6	294
100	Tissue Culture of Epithelial Cells from Urine I. Serum-free Growth of Cells from Newborn Infants. <i>Pediatric Pathology</i> , 1984, 2, 153-163.	0.5	6