

Scott H Garrett

List of Publications by Citations

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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.

44
papers

1,566
citations

18
h-index

39
g-index

44
ext. papers

1,731
ext. citations

4.4
avg, IF

4.17
L-index

#	Paper	IF	Citations
44	Cadmium, environmental exposure, and health outcomes. <i>Environmental Health Perspectives</i> , 2010 , 118, 182-90	8.4	645
43	Inorganic cadmium- and arsenite-induced malignant transformation of human bladder urothelial cells. <i>Toxicological Sciences</i> , 2004 , 79, 56-63	4.4	90
42	Expression of MT-3 protein in the human kidney. <i>Toxicology Letters</i> , 1999 , 105, 207-14	4.4	79
41	Expression of MT-3 mRNA in human kidney, proximal tubule cell cultures, and renal cell carcinoma. <i>Toxicology Letters</i> , 1997 , 92, 149-60	4.4	77
40	Metallothionein isoform 3 overexpression is associated with breast cancers having a poor prognosis. <i>American Journal of Pathology</i> , 2001 , 159, 21-6	5.8	72
39	Metallothionein isoform 3 expression in the human prostate and cancer-derived cell lines. <i>Prostate</i> , 1999 , 41, 196-202	4.2	49
38	Metallothionein isoform 1 and 2 gene expression in the human prostate: downregulation of MT-1X in advanced prostate cancer. <i>Prostate</i> , 2000 , 43, 125-35	4.2	46
37	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	4.4	43
36	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	6.4	40
35	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, 358-66	4.4	39
34	Metallothionein isoform 3 and proximal tubule vectorial active transport. <i>Kidney International</i> , 2002 , 61, 464-72	9.9	32
33	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, 416-30	4.1	28
32	Absence of Metallothionein 3 Expression in Breast Cancer is a Rare, But Favorable Marker of Outcome that is Under Epigenetic Control. <i>Toxicological and Environmental Chemistry</i> , 2010 , 92, 1673-1695	1.4	22
31	Arsenic, cadmium and neuron specific enolase (ENO2, α -enolase) expression in breast cancer. <i>Cancer Cell International</i> , 2011 , 11, 41	6.4	21
30	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, 181-91	4.4	21
29	Cadmium, vectorial active transport, and MT-3-dependent regulation of cadherin expression in human proximal tubular cells. <i>Toxicological Sciences</i> , 2008 , 102, 310-8	4.4	20
28	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, 322-30	4.4	19

27	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, 369-76	4.4	19
26	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, 166-72	4.4	18
25	Human renal tubular cells contain CD24/CD133 progenitor cell populations: Implications for tubular regeneration after toxicant induced damage using cadmium as a model. <i>Toxicology and Applied Pharmacology</i> , 2017 , 331, 116-129	4.6	14
24	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	4.4	13
23	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> , 2011 , 74, 24-42	3.2	13
22	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, 348-56 ⁴		13
21	Transformation of human urothelial cells (UROtsa) by as and cd induces the expression of keratin 6a. <i>Environmental Health Perspectives</i> , 2008 , 116, 434-40	8.4	13
20	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 : keratin 6, 7, 16, 17, and 19 in bladder cancer. <i>Cell Biology and Toxicology</i> , 2011 , 27, 381-96	7.4	12
19	Metallothionein isoform 3 expression in human skin, related cancers and human skin derived cell cultures. <i>Toxicology Letters</i> , 2015 , 232, 141-8	4.4	11
18	Prediction of the number of activated genes in multiple independent Cd(+2)- and As(+3)-induced malignant transformations of human urothelial cells (UROtsa). <i>PLoS ONE</i> , 2014 , 9, e85614	3.7	10
17	Short and long term gene expression variation and networking in human proximal tubule cells when exposed to cadmium. <i>BMC Medical Genomics</i> , 2013 , 6 Suppl 1, S2	3.7	9
16	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	3.7	9
15	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	3.7	9
14	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	4.6	8
13	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	4.4	8
12	Characterization and determination of cadmium resistance of CD133/CD24 and CD133/CD24 cells isolated from the immortalized human proximal tubule cell line, RPTEC/TERT1. <i>Toxicology and Applied Pharmacology</i> , 2019 , 375, 5-16	4.6	6
11	Enrichment of genes associated with squamous differentiation in cancer initiating cells isolated from urothelial cells transformed by the environmental toxicant arsenite. <i>Toxicology and Applied Pharmacology</i> , 2019 , 374, 41-52	4.6	6
10	Loss of N-Cadherin Expression in Tumor Transplants Produced From As+3- and Cd+2-Transformed Human Urothelial (UROtsa) Cell Lines. <i>PLoS ONE</i> , 2016 , 11, e0156310	3.7	6

9	Elevated connexin 43 expression in arsenite-and cadmium-transformed human bladder cancer cells, tumor transplants and selected high grade human bladder cancers. <i>Experimental and Toxicologic Pathology</i> , 2016 , 68, 479-491		6
8	STEERing an IDeA in Undergraduate Research at a Rural Research Intensive University. <i>Academic Pathology</i> , 2017 , 4, 2374289517735092	1.3	5
7	SPARC Expression Is Selectively Suppressed in Tumor Initiating Urospheres Isolated from As+3- and Cd+2-Transformed Human Urothelial Cells (UROtsa) Stably Transfected with SPARC. <i>PLoS ONE</i> , 2016 , 11, e0147362	3.7	4
6	The unique C- and N-terminal sequences of Metallothionein isoform 3 mediate growth inhibition and Vectorial active transport in MCF-7 cells. <i>BMC Cancer</i> , 2017 , 17, 369	4.8	3
5	Meta-analysis of gene expression profiling reveals novel basal gene signatures in MCF-10A cells transformed with cadmium. <i>Oncotarget</i> , 2020 , 11, 3601-3617	3.3	3
4	Role of HRTPT in kidney proximal epithelial cell regeneration: Integrative differential expression and pathway analyses using microarray and scRNA-seq. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 10466-10479	5.6	3
3	Elevated glucose represses lysosomal and mTOR-related genes in renal epithelial cells composed of progenitor CD133+ cells. <i>PLoS ONE</i> , 2021 , 16, e0248241	3.7	2
2	Activation of PPAR α 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	3.7	0
1	Protein interactions with metallothionein-3 promote vectorial active transport in human proximal tubular cells.. <i>PLoS ONE</i> , 2022 , 17, e0267599	3.7	0