Scott H Garrett

List of Publications by Year in Descending Order

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	Protein interactions with metallothionein-3 promote vectorial active transport in human proximal tubular cells.. *PLoS ONE*, **2022**, 17, e0267599	3.7	0
43	Role of HRTPT in kidney proximal epithelial cell regeneration: Integrative differential expression and pathway analyses using microarray and scRNA-seq. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 10466-10479	5.6	3
42	Elevated glucose represses lysosomal and mTOR-related genes in renal epithelial cells composed of progenitor CD133+ cells. *PLoS ONE*, **2021**, 16, e0248241	3.7	2
41	Meta-analysis of gene expression profiling reveals novel basal gene signatures in MCF-10A cells transformed with cadmium. *Oncotarget*, **2020**, 11, 3601-3617	3.3	3
40	Activation of PPAR□and inhibition of cell proliferation reduces key proteins associated with the basal subtype of bladder cancer in As3+-transformed UROtsa cells. *PLoS ONE*, **2020**, 15, e0237976	3.7	0
39	Characterization and determination of cadmium resistance of CD133/CD24 and CD133/CD24 cells isolated from the immortalized human proximal tubule cell line, RPTEC/TERT1. *Toxicology and Applied Pharmacology*, **2019**, 375, 5-16	4.6	6
38	Enrichment of genes associated with squamous differentiation in cancer initiating cells isolated from urothelial cells transformed by the environmental toxicant arsenite. *Toxicology and Applied Pharmacology*, **2019**, 374, 41-52	4.6	6
37	The urothelial cell line UROtsa transformed by arsenite and cadmium display basal characteristics associated with muscle invasive urothelial cancers. *PLoS ONE*, **2018**, 13, e0207877	3.7	9
36	The expression of keratin 6 is regulated by the activation of the ERK1/2 pathway in arsenite transformed human urothelial cells. *Toxicology and Applied Pharmacology*, **2017**, 331, 41-53	4.6	8
35	Human renal tubular cells contain CD24/CD133 progenitor cell populations: Implications for tubular regeneration after toxicant induced damage using cadmium as a model. *Toxicology and Applied Pharmacology*, **2017**, 331, 116-129	4.6	14
34	STEERing an IDeA in Undergraduate Research at a Rural Research Intensive University. *Academic Pathology*, **2017**, 4, 2374289517735092	1.3	5
33	The unique C- and N-terminal sequences of Metallothionein isoform 3 mediate growth inhibition and Vectorial active transport in MCF-7 cells. *BMC Cancer*, **2017**, 17, 369	4.8	3
32	Loss of N-Cadherin Expression in Tumor Transplants Produced From As+3- and Cd+2-Transformed Human Urothelial (UROtsa) Cell Lines. *PLoS ONE*, **2016**, 11, e0156310	3.7	6
31	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. *PLoS ONE*, **2016**, 11, e0147362	3.7	4
30	Elevated connexin 43 expression in arsenite-and cadmium-transformed human bladder cancer cells, tumor transplants and selected high grade human bladder cancers. *Experimental and Toxicologic Pathology*, **2016**, 68, 479-491		6
29	Metallothionein isoform 3 expression in human skin, related cancers and human skin derived cell cultures. *Toxicology Letters*, **2015**, 232, 141-8	4.4	11
28	Cadherin expression, vectorial active transport, and metallothionein isoform 3 mediated EMT/MET responses in cultured primary and immortalized human proximal tubule cells. *PLoS ONE*, **2015**, 10, e0120132	3.7	9

27	Prediction of the number of activated genes in multiple independent Cd(+2)- and As(+3)-induced malignant transformations of human urothelial cells (UROtsa). *PLoS ONE*, **2014**, 9, e85614	3.7	10
26	Short and long term gene expression variation and networking in human proximal tubule cells when exposed to cadmium. *BMC Medical Genomics*, **2013**, 6 Suppl 1, S2	3.7	9
25	Increased neuron specific enolase expression by urothelial cells exposed to or malignantly transformed by exposure to Cd□+ or As□+. *Toxicology Letters*, **2012**, 212, 66-74	4.4	13
24	Differences in the epigenetic regulation of MT-3 gene expression between parental and Cd+2 or As+3 transformed human urothelial cells. *Cancer Cell International*, **2011**, 11, 2	6.4	40
23	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. *Cell Biology and Toxicology*, **2011**, 27, 381-96	7.4	12
22	Arsenic, cadmium and neuron specific enolase (ENO2, □-enolase) expression in breast cancer. *Cancer Cell International*, **2011**, 11, 41	6.4	21
21	Microarray analysis of gene expression patterns in human proximal tubule cells over a short and long time course of cadmium exposure. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 24-42	3.2	13
20	Absence of Metallothionein 3 Expression in Breast Cancer is a Rare, But Favorable Marker of Outcome that is Under Epigenetic Control. *Toxicological and Environmental Chemistry*, **2010**, 92, 1673-1695	1.4	22
19	Cadmium, environmental exposure, and health outcomes. *Environmental Health Perspectives*, **2010**, 118, 182-90	8.4	645
18	Variation of keratin 7 expression and other phenotypic characteristics of independent isolates of cadmium transformed human urothelial cells (UROtsa). *Chemical Research in Toxicology*, **2010**, 23, 348-56	4	13
17	SPARC gene expression is repressed in human urothelial cells (UROtsa) exposed to or malignantly transformed by cadmium or arsenite. *Toxicology Letters*, **2010**, 199, 166-72	4.4	18
16	Keratin 6 expression correlates to areas of squamous differentiation in multiple independent isolates of As(+3)-induced bladder cancer. *Journal of Applied Toxicology*, **2010**, 30, 416-30	4.1	28
15	Cadmium, vectorial active transport, and MT-3-dependent regulation of cadherin expression in human proximal tubular cells. *Toxicological Sciences*, **2008**, 102, 310-8	4.4	20
14	Transformation of human urothelial cells (UROtsa) by as and cd induces the expression of keratin 6a. *Environmental Health Perspectives*, **2008**, 116, 434-40	8.4	13
13	Enhanced expression of metallothionein isoform 3 protein in tumor heterotransplants derived from As+3- and Cd+2-transformed human urothelial cells. *Toxicological Sciences*, **2006**, 93, 322-30	4.4	19
12	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. *Toxicological Sciences*, **2006**, 90, 369-76	4.4	19
11	Expression of metallothoinein isoform 3 is restricted at the post-transcriptional level in human bladder epithelial cells. *Toxicological Sciences*, **2005**, 87, 66-74	4.4	8
10	Expression of metallothionein isoform 3 (MT-3) determines the choice between apoptotic or necrotic cell death in Cd+2-exposed human proximal tubule cells. *Toxicological Sciences*, **2004**, 80, 358-66	4.4	39

9	Inorganic cadmium- and arsenite-induced malignant transformation of human bladder urothelial cells. *Toxicological Sciences*, **2004**, 79, 56-63	4.4	90
8	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. *Breast Cancer Research and Treatment*, **2003**, 80, 181-91	4.4	21
7	Metallothionein isoform 3 and proximal tubule vectorial active transport. *Kidney International*, **2002**, 61, 464-72	9.9	32
6	Transient induction of metallothionein isoform 3 (MT-3), c-fos, c-jun and c-myc in human proximal tubule cells exposed to cadmium. *Toxicology Letters*, **2002**, 126, 69-80	4.4	43
5	Metallothionein isoform 3 overexpression is associated with breast cancers having a poor prognosis. *American Journal of Pathology*, **2001**, 159, 21-6	5.8	72
4	Metallothionein isoform 1 and 2 gene expression in the human prostate: downregulation of MT-1X in advanced prostate cancer. *Prostate*, **2000**, 43, 125-35	4.2	46
3	Metallothionein isoform 3 expression in the human prostate and cancer-derived cell lines. *Prostate*, **1999**, 41, 196-202	4.2	49
2	Expression of MT-3 protein in the human kidney. *Toxicology Letters*, **1999**, 105, 207-14	4.4	79
1	Expression of MT-3 mRNA in human kidney, proximal tubule cell cultures, and renal cell carcinoma. *Toxicology Letters*, **1997**, 92, 149-60	4.4	77