

# Scott H Garrett

## List of Publications by Year in descending order

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44  
papers

1,941  
citations

535685

17  
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299063

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44  
docs citations

44  
times ranked

2553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium, Environmental Exposure, and Health Outcomes. <i>Environmental Health Perspectives</i> , 2010, 118, 182-190.	2.8	856
2	Inorganic Cadmium- and Arsenite-Induced Malignant Transformation of Human Bladder Urothelial Cells. <i>Toxicological Sciences</i> , 2004, 79, 56-63.	1.4	101
3	Expression of MT-3 protein in the human kidney. <i>Toxicology Letters</i> , 1999, 105, 207-214.	0.4	89
4	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
5	Expression of MT-3 mRNA in human kidney, proximal tubule cell cultures, and renal cell carcinoma. <i>Toxicology Letters</i> , 1997, 92, 149-160.	0.4	81
6	Metallothionein isoform 1 and 2 gene expression in the human prostate: Downregulation of MT-1X in advanced prostate cancer. , 2000, 43, 125-135.		58
7	Metallothionein isoform 3 expression in the human prostate and cancer-derived cell lines. , 1999, 41, 196-202.		57
8	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
9	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
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. <i>Toxicological Sciences</i> , 2004, 80, 358-366.	1.4	42
11	Metallothionein isoform 3 and proximal tubule vectorial active transport. <i>Kidney International</i> , 2002, 61, 464-472.	2.6	39
12	Arsenic, cadmium and neuron specific enolase (ENO2, $\hat{1}^3$ -enolase) expression in breast cancer. <i>Cancer Cell International</i> , 2011, 11, 41.	1.8	32
13	Keratin 6 expression correlates to areas of squamous differentiation in multiple independent isolates of As<sup>+3</sup>-induced bladder cancer. <i>Journal of Applied Toxicology</i> , 2010, 30, 416-430.	1.4	31
14	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
15	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
16	Cadmium, Vectorial Active Transport, and MT-3â€œDependent Regulation of Cadherin Expression in Human Proximal Tubular Cells. <i>Toxicological Sciences</i> , 2008, 102, 310-318.	1.4	22
17	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
18	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

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19	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 <sup>2+</sup> . <i>Toxicological Sciences</i> , 2006, 90, 369-376.	1.4	21
20	Transformation of Human Urothelial Cells (UROtsa) by As <sup>3+</sup> and Cd <sup>2+</sup> Induces the Expression of Keratin 6a. <i>Environmental Health Perspectives</i> , 2008, 116, 434-440.	2.8	17
21	Increased neuron specific enolase expression by urothelial cells exposed to or malignantly transformed by exposure to Cd <sup>2+</sup> or As <sup>3+</sup> . <i>Toxicology Letters</i> , 2012, 212, 66-74.	0.4	16
22	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, S2.	0.7	16
23	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.	1.3	16
24	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
25	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
26	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
27	Comparison of expression patterns of keratin 6, 7, 16, 17, and 19 within multiple independent isolates of As <sup>3+</sup> - and Cd <sup>2+</sup> -induced bladder cancer. <i>Cell Biology and Toxicology</i> , 2011, 27, 381-396.	2.4	14
28	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.	1.3	14
29	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
30	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
31	Prediction of the Number of Activated Genes in Multiple Independent Cd <sup>2+</sup> - and As <sup>3+</sup> -Induced Malignant Transformations of Human Urothelial Cells (UROtsa). <i>PLoS ONE</i> , 2014, 9, e85614.	1.1	10
32	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
33	STEERing an IDeA in Undergraduate Research at a Rural Research Intensive University. <i>Academic Pathology</i> , 2017, 4, 2374289517735092.	0.7	9
34	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
35	Characterization and determination of cadmium resistance of CD133 <sup>+</sup> /CD24 <sup>+</sup> and CD133 <sup>-</sup> /CD24 <sup>+</sup> cells isolated from the immortalized human proximal tubule cell line, RPTEC/TERT1. <i>Toxicology and Applied Pharmacology</i> , 2019, 375, 5-16.	1.3	8
36	Loss of N-Cadherin Expression in Tumor Transplants Produced From As <sup>3+</sup> - and Cd <sup>2+</sup> -Transformed Human Urothelial (UROtsa) Cell Lines. <i>PLoS ONE</i> , 2016, 11, e0156310.	1.1	7

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37	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.	2.1	6
38	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.	1.1	5
39	Elevated glucose represses lysosomal and mTOR-related genes in renal epithelial cells composed of progenitor CD133+ cells. <i>PLoS ONE</i> , 2021, 16, e0248241.	1.1	5
40	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.	0.8	5
41	Activation of PPAR $\gamma$ 3 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
42	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.	1.6	4
43	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.	1.1	3
44	Protein interactions with metallothionein-3 promote vectorial active transport in human proximal tubular cells. <i>PLoS ONE</i> , 2022, 17, e0267599.	1.1	3