Scott H Garrett

List of Publications by Year
in descending order

44 papers	1,941 citations	471509 17 h-index	265206 42 g-index
44 all docs	44 docs citations	44 times ranked	2350 citing authors

#	Article	IF	Citations
1	Protein interactions with metallothionein-3 promote vectorial active transport in human proximal tubular cells. PLoS ONE, 2022, 17, e0267599.	2.5	3
2	Elevated glucose represses lysosomal and mTOR-related genes in renal epithelial cells composed of progenitor CD133+ cells. PLoS ONE, 2021, 16, e0248241.	2.5	5
3	Role of HRTPT in kidney proximal epithelial cell regeneration: Integrative differential expression and pathway analyses using microarray and scRNAâ€seq. Journal of Cellular and Molecular Medicine, 2021, 25, 10466-10479.	3.6	4
4	Activation of PPARÎ³ 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.	2.5	4
5	Meta-analysis of gene expression profiling reveals novel basal gene signatures in MCF-10A cells transformed with cadmium. Oncotarget, 2020, 11, 3601-3617.	1.8	5
6	Characterization and determination of cadmium resistance of CD133+/CD24+ and CD133â^'/CD24+ cells isolated from the immortalized human proximal tubule cell line, RPTEC/TERT1. Toxicology and Applied Pharmacology, 2019, 375, 5-16.	2.8	8
7	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.	2.8	14
8	The urothelial cell line UROtsa transformed by arsenite and cadmium display basal characteristics associated with muscle invasive urothelial cancers. PLoS ONE, 2018, 13, e0207877.	2.5	15
9	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.	2.8	9
10	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.	2.8	16
11	STEERing an IDeA in Undergraduate Research at a Rural Research Intensive University. Academic Pathology, 2017, 4, 2374289517735092.	1.1	9
12	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.	2.6	3
13	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.	2.5	5
14	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.	2.1	6
15	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.	2.5	7
16	Metallothionein isoform 3 expression in human skin, related cancers and human skin derived cell cultures. Toxicology Letters, 2015, 232, 141-148.	0.8	12
17	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.	2.5	12
18	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.	2.5	10

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19	Short and long term gene expression variation and networking in human proximal tubule cells when exposed to cadmium. BMC Medical Genomics, 2013, 6, S2.	1.5	16
20	Increased neuron specific enolase expression by urothelial cells exposed to or malignantly transformed by exposure to Cd2+ or As3+. Toxicology Letters, 2012, 212, 66-74.	0.8	16
21	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.	4.1	46
22	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. Cell Biology and Toxicology, 2011, 27, 381-396.	5.3	14
23	Arsenic, cadmium and neuron specific enolase (ENO2, Î³-enolase) expression in breast cancer. Cancer Cell International, 2011, 11, 41.	4.1	32
24	Keratin 6 expression correlates to areas of squamous differentiation in multiple independent isolates of As⁺³â€induced bladder cancer. Journal of Applied Toxicology, 2010, 30, 416-430.	2.8	31
25	Absence of metallothionein 3 expression in breast cancer is a rare but favorable marker that is under epigenetic control. Toxicological and Environmental Chemistry, 2010, 92, 1673-1695.	1.2	24
26	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, 2010, 74, 24-42.	2.3	15
27	Cadmium, Environmental Exposure, and Health Outcomes. Environmental Health Perspectives, 2010, 118, 182-190.	6.0	856
28	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, 348-356.	3.3	15
29	SPARC gene expression is repressed in human urothelial cells (UROtsa) exposed to or malignantly transformed by cadmium or arsenite. Toxicology Letters, 2010, 199, 166-172.	0.8	22
30	Cadmium, Vectorial Active Transport, and MT-3â€“Dependent Regulation of Cadherin Expression in Human Proximal Tubular Cells. Toxicological Sciences, 2008, 102, 310-318.	3.1	22
31	Transformation of Human Urothelial Cells (UROtsa) by As ³⁺ and Cd ²⁺ Induces the Expression of Keratin 6a. Environmental Health Perspectives, 2008, 116, 434-440.	6.0	17
32	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, 322-330.	3.1	21
33	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, 369-376.	3.1	21
34	Expression of Metallothoinein Isoform 3 Is Restricted at the Post-Transcriptional Level in Human Bladder Epithelial Cells. Toxicological Sciences, 2005, 87, 66-74.	3.1	8
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. Toxicological Sciences, 2004, 80, 358-366.	3.1	42
36	Inorganic Cadmium- and Arsenite-Induced Malignant Transformation of Human Bladder Urothelial Cells. Toxicological Sciences, 2004, 79, 56-63.	3.1	101

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37	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, 181-191.	2.5	25
38	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.	0.8	44
39	Metallothionein isoform 3 and proximal tubule vectorial active transport. Kidney International, 2002, 61, 464-472.	5.2	39
40	Metallothionein Isoform 3 Overexpression Is Associated with Breast Cancers Having a Poor Prognosis. American Journal of Pathology, 2001, 159, 21-26.	3.8	82
41	Metallothionein isoform 1 and 2 gene expression in the human prostate: Downregulation of MT-1X in advanced prostate cancer. , 2000, 43, 125-135.		58
42	Metallothionein isoform 3 expression in the human prostate and cancer-derived cell lines. , 1999, 41, 196-202.		57
43	Expression of MT-3 protein in the human kidney. Toxicology Letters, 1999, 105, 207-214.	0.8	89
44	Expression of MT-3 mRNA in human kidney, proximal tubule cell cultures, and renal cell carcinoma. Toxicology Letters, 1997, 92, 149-160.	0.8	81