Donald A Sens

List of Publications by Year
in descending order

32 papers	1,301 citations	687363 13 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	1995 citing authors

#	Article	IF	Citations
1	Cadmium, Environmental Exposure, and Health Outcomes. Environmental Health Perspectives, 2010, 118, 182-190.	6.0	856
2	Inorganic Cadmium- and Arsenite-Induced Malignant Transformation of Human Bladder Urothelial Cells. Toxicological Sciences, 2004, 79, 56-63.	3.1	101
3	Arsenic, cadmium and neuron specific enolase (ENO2, Î³-enolase) expression in breast cancer. Cancer Cell International, 2011, 11, 41.	4.1	32
4	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
5	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
6	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
7	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. Cancer Cell International, 2012, 12, 16.	4.1	22
8	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
9	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
10	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
11	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
12	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
13	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
14	Metallothionein Isoform 1 and 2 Gene Expression in a Human Urothelial Cell Line (UROtsa) Exposed to CdCl 2 and NaAsO 2. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 2031-2046.	0.5	13
15	Metallothionein isoform 3 expression in human skin, related cancers and human skin derived cell cultures. Toxicology Letters, 2015, 232, 141-148.	0.8	12
16	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
17	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
18	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

#	Article	IF	Citations
19	STEERing an IDeA in Undergraduate Research at a Rural Research Intensive University. Academic Pathology, 2017, 4, 2374289517735092.	1.1	9
20	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
21	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
22	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
23	An IDeA for enhancing undergraduate research at rural primarily undergraduate institutions. American Journal of Physiology - Advances in Physiology Education, 2017, 41, 464-471.	1.6	6
24	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
25	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
26	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
27	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
28	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
29	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
30	Subcellular partitioning of Kaiso (ZBTB33) as a biomarker to predict overall breast cancer survival.. Journal of Clinical Oncology, 2020, 38, 3534-3534.	1.6	3
31	Protein interactions with metallothionein-3 promote vectorial active transport in human proximal tubular cells. PLoS ONE, 2022, 17, e0267599.	2.5	3
32	Association between Arsenic Level, Gene Expression in Asian Population, and In Vitro Carcinogenic Bladder Tumor. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-26.	4.0	1