

# Donald A Sens

## List of Publications by Year in descending order

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32  
papers

1,301  
citations

777949

13  
h-index

466096

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between Arsenic Level, Gene Expression in Asian Population, and In Vitro Carcinogenic Bladder Tumor. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-26.	1.9	1
2	Protein interactions with metallothionein-3 promote vectorial active transport in human proximal tubular cells. <i>PLoS ONE</i> , 2022, 17, e0267599.	1.1	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.	1.1	5
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.	1.6	4
5	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
6	Subcellular partitioning of Kaiso (ZBTB33) as a biomarker to predict overall breast cancer survival.. <i>Journal of Clinical Oncology</i> , 2020, 38, 3534-3534.	0.8	3
7	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
8	Characterization and determination of cadmium resistance of CD133+/CD24+ and CD133 $\sim$ /CD24+ 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
9	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
10	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
11	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
12	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
13	STEERing an IDeA in Undergraduate Research at a Rural Research Intensive University. <i>Academic Pathology</i> , 2017, 4, 2374289517735092.	0.7	9
14	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
15	An IDeA for enhancing undergraduate research at rural primarily undergraduate institutions. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 464-471.	0.8	6
16	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
17	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
18	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.	1.1	7

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19	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
20	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
21	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
22	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
23	ZIP8 expression in human proximal tubule cells, human urothelial cells transformed by Cd <sup>2+</sup> and As <sup>3+</sup> and in specimens of normal human urothelium and urothelial cancer. <i>Cancer Cell International</i> , 2012, 12, 16.	1.8	22
24	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
25	Arsenic, cadmium and neuron specific enolase (ENO2, $\beta$ -enolase) expression in breast cancer. <i>Cancer Cell International</i> , 2011, 11, 41.	1.8	32
26	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
27	Cadmium, Environmental Exposure, and Health Outcomes. <i>Environmental Health Perspectives</i> , 2010, 118, 182-190.	2.8	856
28	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
29	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
30	Cadmium, Vectorial Active Transport, and MT-3-Dependent Regulation of Cadherin Expression in Human Proximal Tubular Cells. <i>Toxicological Sciences</i> , 2008, 102, 310-318.	1.4	22
31	Inorganic Cadmium- and Arsenite-Induced Malignant Transformation of Human Bladder Urothelial Cells. <i>Toxicological Sciences</i> , 2004, 79, 56-63.	1.4	101
32	Metallothionein Isoform 1 and 2 Gene Expression in a Human Urothelial Cell Line (UROtsa) Exposed to CdCl <sub>2</sub> and NaAsO <sub>2</sub> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003, 66, 2031-2046.	0.5	13