

Diane M Stearns

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,692
citations

623734

14
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of Chromium(VI) by Ascorbate Leads to Chromium-DNA Binding and DNA Strand Breaks in Vitro. <i>Biochemistry</i> , 1995, 34, 910-919.	2.5	248
2	Chromium(III) picolinate produces chromosome damage in Chinese hamster ovary cells.. <i>FASEB Journal</i> , 1995, 9, 1643-1648.	0.5	210
3	Reaction of Chromium(VI) with Ascorbate Produces Chromium(V), Chromium(IV), and Carbon-Based Radicals. <i>Chemical Research in Toxicology</i> , 1994, 7, 219-230.	3.3	186
4	A prediction of chromium(III) accumulation in humans from chromium dietary supplements.. <i>FASEB Journal</i> , 1995, 9, 1650-1657.	0.5	158
5	Is chromium a trace essential metal?. <i>BioFactors</i> , 2000, 11, 149-162.	5.4	131
6	Chromium(III) tris(picolinate) is mutagenic at the hypoxanthine (guanine) phosphoribosyltransferase locus in Chinese hamster ovary cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 513, 135-142.	1.7	126
7	Uranyl Acetate Causes DNA Single Strand Breaks In Vitro in the Presence of Ascorbate (Vitamin C). <i>Chemical Research in Toxicology</i> , 2003, 16, 524-530.	3.3	123
8	Mononuclear and binuclear chromium(III) picolinate complexes. <i>Inorganic Chemistry</i> , 1992, 31, 5178-5184.	4.0	114
9	Uranyl acetate induces hprt mutations and uranium-DNA adducts in Chinese hamster ovary EM9 cells. <i>Mutagenesis</i> , 2005, 20, 417-423.	2.6	81
10	Ultrastructural damage in chromium picolinate-treated cells: a TEM study. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 791-798.	2.6	75
11	Molecular analysis of hprt mutations induced by chromium picolinate in CHO AA8 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 610, 114-123.	1.7	52
12	Characterization of Nonmutagenic Cr(III)-DNA Interactions. <i>Chemical Research in Toxicology</i> , 2003, 16, 847-854.	3.3	45
13	Intermediates Produced in the Reaction of Chromium(VI) with Dehydroascorbate Cause Single-Strand Breaks in Plasmid DNA. <i>Chemical Research in Toxicology</i> , 1997, 10, 271-278.	3.3	30
14	Molecular analysis of hprt mutations generated in Chinese hamster ovary EM9 cells by uranyl acetate, by hydrogen peroxide, and spontaneously. <i>Molecular Carcinogenesis</i> , 2006, 45, 60-72.	2.7	26
15	Multiple hypotheses for chromium(III) biochemistry: Why the essentiality of chromium(III) is still questioned. , 2007, , 57-70.		15
16	Analysis of heat-labile sites generated by reactions of depleted uranium and ascorbate in plasmid DNA. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 45-57.	2.6	15
17	Photoactivated Uranyl Ion Produces Single Strand Breaks in Plasmid DNA. <i>Chemical Research in Toxicology</i> , 2011, 24, 1830-1832.	3.3	14
18	Synergistic cytotoxicity and DNA strand breaks in cells and plasmid DNA exposed to uranyl acetate and ultraviolet radiation. <i>Journal of Applied Toxicology</i> , 2015, 35, 338-349.	2.8	13

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19	A Bench-Top <i>In Vitro</i> Wound Assay to Demonstrate the Effects of Platelet-Rich Plasma and Depleted Uranium on Dermal Fibroblast Migration. <i>Applied in Vitro Toxicology</i> , 2016, 2, 151-156.	1.1	10
20	Uranyl acetate induced DNA single strand breaks and AP sites in Chinese hamster ovary cells. <i>Toxicology and Applied Pharmacology</i> , 2018, 349, 29-38.	2.8	10
21	Evaluation of chromium(III) genotoxicity with cell culture and in vitro assays. , 2007, , 209-224.		7
22	The Mechanisms of Metal Carcinogenicity. , 1997, , 55-72.		2
23	Reduction of carcinogenic chromium(VI) by dehydroascorbate and its decomposition products.. <i>Journal of Inorganic Biochemistry</i> , 1993, 51, 430.	3.5	1