Stina M Oredsson

List of Publications by Year
in descending order

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107	3,211	147801 31	182427 51
papers	citations	h-index	g-index

110	110	110	4260
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cytotoxic and other bioactivities of a novel and known sesquiterpene lactones isolated from Vernonia leopoldi (Sch. Bip. ex Walp.) Vatke in breast cancer cell lines. Toxicology Reports, 2022, 9, 382-392.	3.3	6
2	A novel 3D polycaprolactone high-throughput system for evaluation of toxicity in normoxia and hypoxia. Toxicology Reports, 2021, 8, 627-635.	3.3	5
3	Identification of extracellular matrix proteins secreted by human dermal fibroblasts cultured in 3D electrospun scaffolds. Scientific Reports, 2021, 11, 6655.	3.3	34
4	Breast cancer cell line toxicity of a flavonoid isolated from Baccharis densiflora. BMC Complementary Medicine and Therapies, 2021, 21, 188.	2.7	7
5	Solvent fractions of selected Ethiopian medicinal plants used in traditional breast cancer treatment inhibit cancer stem cells in a breast cancer cell line. BMC Complementary Medicine and Therapies, 2020, 20, 366.	2.7	6
6	Salinomycin Treatment Specifically Inhibits Cell Proliferation of Cancer Stem Cells Revealed by Longitudinal Single Cell Tracking in Combination with Fluorescence Microscopy. Applied Sciences (Switzerland), 2020, 10, 4732.	2.5	5
7	Quantifying the Rate, Degree, and Heterogeneity of Morphological Change during an Epithelial to Mesenchymal Transition Using Digital Holographic Cytometry. Applied Sciences (Switzerland), 2020, 10, 4726.	2.5	4
8	Amylase-Dependent Regulation of Glucose Metabolism and Insulin/Glucagon Secretion in the Streptozotocin-Induced Diabetic Pig Model and in a Rat Pancreatic Beta-Cell Line, BRIN-BD11. Journal of Diabetes Research, 2020, 2020, 1-10.	2.3	10
9	Unique animal friendly 3D culturing of human cancer and normal cells. Toxicology in Vitro, 2019, 60, 51-60.	2.4	15
10	What is understood by â€œanimal-free researchâ€?. Toxicology in Vitro, 2019, 57, 143-144.	2.4	7
11	Extracellular and intracellular small-molecule galectin-3 inhibitors. Scientific Reports, 2019, 9, 2186.	3.3	74
12	Morphology of living cells cultured on nanowire arrays with varying nanowire densities and diameters. Science China Life Sciences, 2018, 61, 427-435.	4.9	15
13	Semi-synthetic salinomycin analogs exert cytotoxic activity against human colorectal cancer stem cells. Biochemical and Biophysical Research Communications, 2018, 495, 53-59.	2.1	10
14	Single cell analysis of proliferation and movement of cancer and normal-like cells on nanowire array substrates. Journal of Materials Chemistry B, 2018, 6, 7042-7049.	5.8	11
15	Quinolineâ€“galactose hybrids bind selectively with high affinity to a galectin-8 N-terminal domain. Organic and Biomolecular Chemistry, 2018, 16, 6295-6305.	2.8	23
16	Aromatic heterocycle galectin-1 interactions for selective single-digit nM affinity ligands. RSC Advances, 2018, 8, 24913-24922.	3.6	12
17	The Molecular Basis for Inhibition of Stemlike Cancer Cells by Salinomycin. ACS Central Science, 2018, 4, 760-767.	11.3	58
18	Selective Cytotoxicity of Dams in Derivatives in Breast Cancer Cells. Journal of Advanced Pharmaceutical Science and Technology, 2018, 2, 23-37.	0.2	3

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19	Bivalent polyether ionophores: Synthesis and biological evaluation of C2-symmetric salinomycin dimers. Tetrahedron Letters, 2017, 58, 2396-2399.	1.4	11
20	Influence of salinomycin treatment on division and movement of individual cancer cells cultured in normoxia or hypoxia evaluated with time-lapse digital holographic microscopy. Cell Cycle, 2017, 16, 2128-2138.	2.6	22
21	Cellular traction forces: a useful parameter in cancer research. Nanoscale, 2017, 9, 19039-19044.	5.6	54
22	Structureâ€“Activity Relationships in Salinomycin: Cytotoxicity and Phenotype Selectivity of Semiâ€synthetic Derivatives. Chemistry - A European Journal, 2017, 23, 2077-2083.	3.3	30
23	Anti-cancer stem cell activity of a sesquiterpene lactone isolated from Ambrosia arborescens and of a synthetic derivative. PLoS ONE, 2017, 12, e0184304.	2.5	26
24	Low or No Inhibitory Potency of the Canonical Galectin Carbohydrate-binding Site by Pectins and Galactomannans. Journal of Biological Chemistry, 2016, 291, 13318-13334.	3.4	55
25	Development of stable haploid strains and molecular genetic tools forNaumovozyma castellii(Saccharomyces castellii). Yeast, 2016, 33, 633-646.	1.7	7
26	Determination of free and esterified carotenoid composition in rose hip fruit by HPLC-DAD-APCI+-MS. Food Chemistry, 2016, 210, 541-550.	8.2	32
27	Salinomycin Hydroxamic Acids: Synthesis, Structure, and Biological Activity of Polyether Ionophore Hybrids. ACS Medicinal Chemistry Letters, 2016, 7, 635-640.	2.8	30
28	Apparent exchange rate for breast cancer characterization. NMR in Biomedicine, 2016, 29, 631-639.	2.8	36
29	Galectinâ€3â€Binding Glycomimetics that Strongly Reduce Bleomycinâ€Induced Lung Fibrosis and Modulate Intracellular Glycan Recognition. ChemBioChem, 2016, 17, 1759-1770.	2.6	145
30	Breast cancer stem cell selectivity of synthetic nanomolar-active salinomycin analogs. BMC Cancer, 2016, 16, 145.	2.6	38
31	From immobilized cells to motile cells on a bed-of-nails: effects of vertical nanowire array density on cell behaviour. Scientific Reports, 2015, 5, 18535.	3.3	56
32	Biocompatibility of a polymer based on Off-Stoichiometry Thiol-Enesâ€‰+â€‰Epoxy (OSTE+) for neural implants. Biomaterials Research, 2015, 19, 19.	6.9	28
33	A role for antizyme inhibitor in cell proliferation. Amino Acids, 2015, 47, 1341-1352.	2.7	23
34	Cytotoxic Sesquiterpene Lactones from Kauna lasiophthalma Griseb. Scientia Pharmaceutica, 2014, 82, 147-160.	2.0	14
35	Increased breast cancer cell toxicity by palladination of the polyamine analogue N 1,N 11-bis(ethyl)norspermine. Amino Acids, 2014, 46, 339-352.	2.7	30
36	A novel cytotoxic terpenoid from the flowers of Kaunia lasiophthalma Griseb. Phytochemistry Letters, 2014, 8, 105-108.	1.2	7

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37	Semisynthesis of SY-1 for Investigation of Breast Cancer Stem Cell Selectivity of C-Ring-Modified Salinomycin Analogues. ACS Chemical Biology, 2014, 9, 1587-1594.	3.4	35
38	Spiro-bicyclo[2.2.2]octane derivatives as paclitaxel mimetics. Synthesis and toxicity evaluation in breast cancer cell lines. Organic and Biomolecular Chemistry, 2013, 11, 7134.	2.8	11
39	Fluorescent Nanowire Heterostructures as a Versatile Tool for Biology Applications. Nano Letters, 2013, 13, 4728-4732.	9.1	43
40	Synthetic modification of salinomycin: selective O-acylation and biological evaluation. Chemical Communications, 2013, 49, 9944.	4.1	56
41	Fibroblasts Cultured on Nanowires Exhibit Low Motility, Impaired Cell Division, and DNA Damage. Small, 2013, 9, 4006-4016.	10.0	94
42	Norspermidine and Novel Pd(II) and Pt(II) Polynuclear Complexes of Norspermidine as Potential Antineoplastic Agents Against Breast Cancer. PLoS ONE, 2013, 8, e55651.	2.5	32
43	Increased toxicity of a trinuclear Pt-compound in a human squamous carcinoma cell line by polyamine depletion. Cancer Cell International, 2012, 12, 20.	4.1	9
44	Reduction of ultraviolet light-induced DNA damage in human colon cancer cells treated with a lactoferrin-derived peptide. Journal of Dairy Science, 2012, 95, 5552-5560.	3.4	13
45	Vertical oxide nanotubes connected by subsurface microchannels. Nano Research, 2012, 5, 190-198.	10.4	35
46	Novel Pt(II) and Pd(II) complexes with polyamine analogues: Synthesis and vibrational analysis. Journal of Inorganic Biochemistry, 2012, 108, 1-7.	3.5	15
47	Novel anti-apoptotic effect of the retinoblastoma protein: implications for polyamine analogue toxicity. Amino Acids, 2012, 42, 929-937.	2.7	1
48	The Antiproliferative Effect of Dietary Fiber Phenolic Compounds Ferulic Acid andp-Coumaric Acid on the Cell Cycle of Caco-2 Cells. Nutrition and Cancer, 2011, 63, 611-622.	2.0	148
49	Reduction of the putative CD44+CD24â^' breast cancer stem cell population by targeting the polyamine metabolic pathway with PG11047. Anti-Cancer Drugs, 2010, 21, 897-906.	1.4	20
50	Apoptosis induced by the potential chemotherapeutic drug N 1, N 11-Diethylnorspermine in a neuroblastoma cell line. Anti-Cancer Drugs, 2010, 21, 917-926.	1.4	4
51	Omics Analyses Reveal a Potential Link between Hormone-Sensitive Lipase and Polyamine Metabolism. Journal of Proteome Research, 2009, 8, 5008-5019.	3.7	5
52	Lactoferricin treatment decreases the rate of cell proliferation of a human colon cancer cell line. Journal of Dairy Science, 2009, 92, 2477-2484.	3.4	50
53	Normal-like breast cells, but not breast cancer cells, recovered from treatment with Nâ€²,Nâ€²â€²-diethylnorspermine. Anti-Cancer Drugs, 2009, 20, 230-237.	1.4	3
54	Cells and polyamines do it cyclically. Essays in Biochemistry, 2009, 46, 63-76.	4.7	31

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55	Estimating the Total Rate of DNA Replication Using Branching Processes. Bulletin of Mathematical Biology, 2008, 70, 2177-2194.	1.9	10
56	Subcellular distribution of spermidine/spermine N¹â€acetyltransferase. Cell Biology International, 2008, 32, 39-47.	3.0	17
57	Novel antiâ€apoptotic effect of Bclâ€2: Prevention of polyamine depletionâ€induced cell death. Cell Biology International, 2008, 32, 66-74.	3.0	8
58	Effect of polyamine deficiency on proteins involved in Okazaki fragment maturation. Cell Biology International, 2008, 32, 1467-1477.	3.0	7
59	Estimating the distribution of the G2 phase duration from flow cytometric histograms. Mathematical Biosciences, 2008, 211, 1-17.	1.9	4
60	Estimating the variation in S phase duration from flow cytometric histograms. Mathematical Biosciences, 2008, 213, 40-49.	1.9	8
61	Polyamine Depletion with Two Different Polyamine Analogues Causes DNA Damage in Human Breast Cancer Cell Lines. DNA and Cell Biology, 2008, 27, 511-516.	1.9	12
62	Molecular mechanisms underlying N 1, N 11-diethylnorspermine-induced apoptosis in a human breast cancer cell line. Anti-Cancer Drugs, 2008, 19, 871-883.	1.4	9
63	Different cell cycle kinetic effects of N 1,N 11-diethylnorspermine-induced polyamine depletion in four human breast cancer cell lines. Anti-Cancer Drugs, 2008, 19, 359-368.	1.4	14
64	Inhibition of cell proliferation and induction of apoptosis by N1,N11-diethylnorspermine-induced polyamine pool reduction. Biochemical Society Transactions, 2007, 35, 405-409.	3.4	19
65	Highâ€resolution genomic profiles of breast cancer cell lines assessed by tiling BAC array comparative genomic hybridization. Genes Chromosomes and Cancer, 2007, 46, 543-558.	2.8	176
66	Construction of polyamine-modified uridine and adenosine derivativesâ€”evaluation of DNA binding capacity and cytotoxicity in vitro. Bioorganic and Medicinal Chemistry, 2007, 15, 7426-7433.	3.0	6
67	Antioxidant Levels and Inhibition of Cancer Cell Proliferation in Vitro by Extracts from Organically and Conventionally Cultivated Strawberries. Journal of Agricultural and Food Chemistry, 2006, 54, 1248-1255.	5.2	177
68	Induction of apoptotic cell death by putrescine. International Journal of Biochemistry and Cell Biology, 2006, 38, 621-628.	2.8	45
69	Differential polyamine analogue effects in four human breast cancer cell lines. Toxicology, 2006, 223, 71-81.	4.2	23
70	COMPRENDO: Focus and Approach. Environmental Health Perspectives, 2006, 114, 98-100.	6.0	14
71	Polyamine-Dependent Early Cellular Signals and Cell Proliferation. , 2006, , 41-50.		0
72	A Markov model approach shows a large variation in the length of S phase in MCF-7 breast cancer cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2005, 65A, 15-25.	1.5	6

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73	Importance of polyamines in cell cycle kinetics as studied in a transgenic system. Experimental Cell Research, 2005, 308, 254-264.	2.6	21
74	Differential Effects of Ferulic Acid andp-Coumaric Acid on S Phase Distribution and Length of S Phase in the Human Colonic Cell Line Caco-2. Journal of Agricultural and Food Chemistry, 2005, 53, 6658-6665.	5.2	88
75	Comparison of three cytotoxicity tests in the evaluation of the cytotoxicity of a spermine analogue on human breast cancer cell lines. Toxicology in Vitro, 2005, 19, 379-387.	2.4	37
76	Spermine prevents cytochrome c release in glucocorticoid-induced apoptosis in mouse thymocytes. Cell Biology International, 2003, 27, 115-121.	3.0	24
77	Characterization of a Novel Breast Carcinoma Xenograft and Cell Line Derived from a BRCA1 Germ-Line Mutation Carrier. Laboratory Investigation, 2003, 83, 387-396.	3.7	43
78	Polyamine dependence of normal cell-cycle progression. Biochemical Society Transactions, 2003, 31, 366-370.	3.4	129
79	Boswellic acids trigger apoptosis via a pathway dependent on caspase-8 activation but independent on Fas/Fas ligand interaction in colon cancer HT-29 cells. Carcinogenesis, 2002, 23, 2087-2093.	2.8	166
80	Rapid caspase-dependent cell death in cultured human breast cancer cells induced by the polyamine analogueN1,N11-diethylnorspermine. FEBS Journal, 2002, 269, 1033-1039.	0.2	43
81	Keto- and acetyl-keto-boswellic acids inhibit proliferation and induce apoptosis in Hep G2 cells via a caspase-8 dependent pathway. International Journal of Molecular Medicine, 2002, 10, 501-5.	4.0	67
82	Different Roles of Spermine in Glucocorticoid- and Fas-Induced Apoptosis. Experimental Cell Research, 2001, 266, 333-341.	2.6	28
83	CHANGES IN POLYAMINE METABOLISM DURING GLUCOCORTICOID-INDUCED PROGRAMMED CELL DEATH IN MOUSE THYMUS. Cell Biology International, 2000, 24, 871-880.	3.0	6
84	Treatment of cells with the polyamine analog N 1 ,N 11 -diethylnorspermine retards S phase progression within one cell cycle. FEBS Journal, 2000, 267, 4157-4164.	0.2	32
85	The Organization of Replicon Clusters Is Not Affected by Polyamine Depletion. Journal of Structural Biology, 2000, 131, 1-9.	2.8	7
86	Energy Transfer between Fluorescein Isothiocyanate and Propidium Iodide â€“ A Problem in the Estimation of Tpotwith the Bromodeoxyuridineâ€“DNA Flow Cytometry Technique?. Analytical Cellular Pathology, 1999, 19, 91-98.	2.1	2
87	Topoisomerase II is nonfunctional in polyamine-depleted cells. , 1999, 75, 46-55.		21
88	Half-Lives of Ornithine Decarboxylase and S-Adenosylmethionine Decarboxylase Activities during the Cell Cycle of Chinese Hamster Ovary Cells. Biochemical and Biophysical Research Communications, 1999, 263, 13-16.	2.1	10
89	Comparison of different labelling index formulae used on bromodeoxyuridine-flow cytometry data. , 1998, 32, 233-240.		10
90	Ordered Cell Cycle Phase Perturbations in Chinese Hamster Ovary Cells Treated with an S-Adenosylmethionine Decarboxylase Inhibitor. FEBS Journal, 1997, 249, 232-238.	0.2	22

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91	Activated cell cycle checkpoints in epirubicin-treated breast cancer cells studied by BrdUrd-flow cytometry. , 1997, 29, 321-327.		7
92	Impairment of DNA Replication within One Cell Cycle after Seeding of Cells in the Presence of a Polyamine-Biosynthesis Inhibitor. FEBS Journal, 1996, 237, 539-544.	0.2	22
93	Ornithine Decarboxylase and S-Adenosylmethionine Decarboxylase Expression during the Cell Cycle of Chinese Hamster Ovary Cells. Experimental Cell Research, 1995, 216, 86-92.	2.6	72
94	Comparison of BrdUrd and [3H]TdR incorporation to estimate cell proliferation, cell loss, and potential doubling time in tumor xenografts. Cytometry, 1992, 13, 872-879.	1.8	14
95	Implications for a reduced DNA-elongation rate in polyamine-depleted cells. FEBS Journal, 1990, 190, 483-489.	0.2	9
96	Inhibition of polyamine synthesis reduces the growth rate and delays the expression of differentiated phenotypes in primary cultures of embryonic mesoderm from chick. Cell and Tissue Research, 1987, 249, 151-160.	2.9	8
97	Synergistic antileukemic effect of two polyamine synthesis inhibitors. Host survival and cell-cycle kinetic analysis. International Journal of Cancer, 1986, 37, 465-470.	5.1	13
98	Polyamine depletion increases cellular ribonucleotide levels. Molecular and Cellular Biochemistry, 1986, 70, 89-96.	3.1	16
99	Ornithine decarboxylase inhibitors increase the cellular content of the enzyme: Implications for translational regulation. Biochemical and Biophysical Research Communications, 1985, 131, 239-245.	2.1	64
100	Increased rate of tumor cell death caused by polyamine synthesis inhibitors. Vigiliae Christianae, 1984, 47, 131-138.	0.1	3
101	Reversal of the growth inhibitory effect of ?-difluoromethylornithine by putrescine but not by other divalent cations. Molecular and Cellular Biochemistry, 1984, 64, 163-72.	3.1	12
102	Polyamine biosynthetic enzymes as targets in cancer chemotherapy. Advances in Enzyme Regulation, 1984, 22, 243-264.	2.6	17
103	Possible factors in the potentiation of 1-(2-chloroethy)-3-trans-4-methylcyclohexyl-1-nitrosourea cytotoxicity by Î±-difluoromethylornithine in 9L rat brain tumor cells. European Journal of Cancer & Clinical Oncology, 1984, 20, 535-542.	0.7	15
104	Potentiation of 1,3-Bis(2-chloroethyl)-1-nitrosourea cytotoxicity in 9L rat brain tumor cells by methylglyoxal-bis(guanylhydrazone), an inhibitor of S-adenosyl-l-methionine decarboxylase. European Journal of Cancer & Clinical Oncology, 1984, 20, 417-420.	0.7	9
105	Biochemical basis of the regulatory role of polyadenosine diphosphoribose. Advances in Enzyme Regulation, 1983, 21, 177-199.	2.6	13
106	Irreversible inhibition of the early increase in ornithine decarboxylase activity following growth stimulation is required to block Ehrlich ascites tumor cell proliferation in culture. Biochemical and Biophysical Research Communications, 1980, 94, 151-158.	2.1	39
107	Cytocidal effect of Î±-methylornithine, a competitive inhibitor of ornithine decarboxylase, on Ehrlich ascites tumor cells in vivo. Cancer Letters, 1980, 9, 207-212.	7.2	6