

Zbigniew Darzynkiewicz

List of Publications by Year in descending order

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509
papers

25,003
citations

6613

79
h-index

13379

130
g-index

517
all docs

517
docs citations

517
times ranked

23122
citing authors

#	ARTICLE	IF	CITATIONS
1	Berberine affects mitochondrial activity and cell growth of leukemic cells from chronic lymphocytic leukemia patients. <i>Scientific Reports</i> , 2020, 10, 16519.	3.3	11
2	MicroRNA-133a-Dependent Inhibition of Proximal Tubule Angiotensinogen by Renal TNF (Tumor Necrosis) Tj ETQq0,0,0 rgBT (Overlock 1	2.7	9
3	40 Years of My Venture with <sc>CYTOMETRY</sc>. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 557-562.	1.5	4
4	Declining BRCA-Mediated DNA Repair in Sperm Aging and its Prevention by Sphingosine-1-Phosphate. <i>Reproductive Sciences</i> , 2020, 27, 940-953.	2.5	12
5	Renal miR-195 mediates TNF-dependent inhibition of NKCC2. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
6	Two forms of human DNA polymerase β : Who does what and why?. <i>DNA Repair</i> , 2019, 81, 102656.	2.8	16
7	Assessment of DNA Susceptibility to Denaturation as a Marker of Chromatin Structure. <i>Current Protocols in Cytometry</i> , 2019, 91, e65.	3.7	0
8	Detection of Histone H2AX Phosphorylation on Ser-139 as an Indicator of DNA Damage. <i>Current Protocols in Cytometry</i> , 2019, 89, e55.	3.7	16
9	Discovery of a novel DNA polymerase inhibitor and characterization of its antiproliferative properties. <i>Cancer Biology and Therapy</i> , 2019, 20, 474-486.	3.4	8
10	Concurrent detection of lysosome and tissue transglutaminase activation in relation to cell cycle position during apoptosis induced by different anticancer drugs. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 683-690.	1.5	3
11	A reversible carnitine palmitoyltransferase (CPT1) inhibitor offsets the proliferation of chronic lymphocytic leukemia cells. <i>Haematologica</i> , 2018, 103, e531-e536.	3.5	24
12	Nuclear cytometry and chromatin organization. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 771-784.	1.5	6
13	Upregulation of PD-L1 expression by resveratrol and piceatannol in breast and colorectal cancer cells occurs via HDAC3/p300-mediated NF- κ B signaling. <i>International Journal of Oncology</i> , 2018, 53, 1469-1480.	3.3	63
14	Prolonged Growth Hormone/Insulin/Insulin-like Growth Factor Nutrient Response Signaling Pathway as a Silent Killer of Stem Cells and a Culprit in Aging. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 443-453.	5.6	38
15	Of Cytometry, Stem Cells and Fountain of Youth. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 465-481.	5.6	16
16	Analysis of Cellular DNA Content by Flow Cytometry. <i>Current Protocols in Cytometry</i> , 2017, 82, 7.5.1-7.5.20.	3.7	17
17	Analysis of Cellular DNA Content by Flow Cytometry. <i>Current Protocols in Immunology</i> , 2017, 119, 5.7.1-5.7.20.	3.6	37
18	Fluorochrome-Labeled Inhibitors of Caspases: Expedient In Vitro and In Vivo Markers of Apoptotic Cells for Rapid Cytometric Analysis. <i>Methods in Molecular Biology</i> , 2017, 1644, 61-73.	0.9	17

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19	DNA Damage Response Resulting from Replication Stress Induced by Synchronization of Cells by Inhibitors of DNA Replication: Analysis by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2017, 1524, 107-119.	0.9	8
20	Synergy of 2-deoxy-d-glucose combined with berberine in inducing the lysosome/autophagy and transglutaminase activation-facilitated apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 229-238.	4.9	10
21	ATM Activation and H2AX Phosphorylation Induced by Genotoxic Agents Assessed by Flow- and Laser Scanning Cytometry. <i>Methods in Molecular Biology</i> , 2017, 1599, 183-196.	0.9	2
22	Rapid Detection of DNA Strand Breaks in Apoptotic Cells by Flow- and Image-Cytometry. <i>Methods in Molecular Biology</i> , 2017, 1644, 139-149.	0.9	2
23	Nuclear Gene 33/Mig6 regulates the DNA damage response through an ATM serine/threonine kinase-dependent mechanism. <i>Journal of Biological Chemistry</i> , 2017, 292, 16746-16759.	3.4	10
24	microRNA-494 and ATF3 the targets of onconase(?). <i>Oncotarget</i> , 2017, 8, 10769-10770.	1.8	2
25	How Diet Intervention via Modulation of DNA Damage Response through MicroRNAs May Have an Effect on Cancer Prevention and Aging, an in Silico Study. <i>International Journal of Molecular Sciences</i> , 2016, 17, 752.	4.1	20
26	Epoxyeicosatrienoic Acids Regulate Adipocyte Differentiation of Mouse 3T3 Cells, Via PGC-1 β Activation, Which Is Required for HO-1 Expression and Increased Mitochondrial Function. <i>Stem Cells and Development</i> , 2016, 25, 1084-1094.	2.1	67
27	Subnuclear localization, rates and effectiveness of UVC-induced unscheduled DNA synthesis visualized by fluorescence widefield, confocal and super-resolution microscopy. <i>Cell Cycle</i> , 2016, 15, 1156-1167.	2.6	14
28	Low level phosphorylation of histone H2AX on serine 139 (γ H2AX) is not associated with DNA double-strand breaks. <i>Oncotarget</i> , 2016, 7, 49574-49587.	1.8	49
29	Hyperactive ERK and persistent mTOR signaling characterize vemurafenib resistance in papillary thyroid cancer cells. <i>Oncotarget</i> , 2016, 7, 8676-8687.	1.8	8
30	Gene 33/Mig6 inhibits hexavalent chromium-induced DNA damage and cell transformation in human lung epithelial cells. <i>Oncotarget</i> , 2016, 7, 8916-8930.	1.8	19
31	Assessment of red blood cell distribution width as a prognostic marker in chronic lymphocytic leukemia. <i>Oncotarget</i> , 2016, 7, 32846-32853.	1.8	44
32	mTOR inhibitors sensitize thyroid cancer cells to cytotoxic effect of vemurafenib. <i>Oncotarget</i> , 2015, 6, 39702-39713.	1.8	29
33	Biguanides and targeted anti-cancer treatments. <i>Genes and Cancer</i> , 2015, 6, 82-83.	1.9	5
34	Initiation and termination of DNA replication during S phase in relation to cyclins D1, E and A, p21WAF1, Cdt1 and the p12 subunit of DNA polymerase δ revealed in individual cells by cytometry. <i>Oncotarget</i> , 2015, 6, 11735-11750.	1.8	59
35	Rapid and simple detection of gero-suppressive agents. <i>Oncotarget</i> , 2015, 6, 23050-23051.	1.8	1
36	Gene 33 mediates Cr(VI)-induced DNA damage response. <i>FASEB Journal</i> , 2015, 29, 54.3.	0.5	0

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37	The tail that wags the dog: p12, the smallest subunit of DNA polymerase δ , is degraded by ubiquitin ligases in response to DNA damage and during cell cycle progression. <i>Cell Cycle</i> , 2014, 13, 23-31.	2.6	29
38	Expression of the p12 subunit of human DNA polymerase δ (Pol δ), CDK inhibitor p21 ^{WAF1} , Cdt1, cyclin A, PCNA and Ki-67 in relation to DNA replication in individual cells. <i>Cell Cycle</i> , 2014, 13, 3529-3540.	2.6	21
39	Attenuation of Replication Stress-Induced Premature Cellular Senescence to Assess Anti-Aging Modalities. <i>Current Protocols in Cytometry</i> , 2014, 69, 9.47.1-9.47.10.	3.7	4
40	In search of antiaging modalities: Evaluation of mTOR and ROS/DNA damage signaling by cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 386-399.	1.5	36
41	NFAT5 Is Protective Against Ischemic Acute Kidney Injury. <i>Hypertension</i> , 2014, 63, e46-52.	2.7	21
42	Disruption of mutated BRAF signaling modulates thyroid cancer phenotype. <i>BMC Research Notes</i> , 2014, 7, 187.	1.4	9
43	Different rates of DNA replication at early versus late S-phase sections: Multiscale modeling of stochastic events related to DNA content/EdU (5-ethynyl-2-deoxyuridine) incorporation distributions. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 785-797.	1.5	11
44	Cytotoxic activity of the amphibian ribonucleases onconase and r-amphinase on tumor cells from B cell lymphoproliferative disorders. <i>International Journal of Oncology</i> , 2014, 45, 419-425.	3.3	13
45	Relationship between DNA damage response, initiated by camptothecin or oxidative stress, and DNA replication, analyzed by quantitative 3D image analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 913-924.	1.5	34
46	Real-time cell viability assays using a new anthracycline derivative DRAQ7 [®] . <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 227-234.	1.5	40
47	Biomarkers of Cell Senescence Assessed by Imaging Cytometry. <i>Methods in Molecular Biology</i> , 2013, 965, 83-92.	0.9	40
48	Multivariate analysis of apoptotic markers versus cell cycle phase in living human cancer cells by microfluidic cytometry. <i>Proceedings of SPIE</i> , 2013, 8615, .	0.8	1
49	PDIP38 is translocated to the spliceosomes/nuclear speckles in response to UV-induced DNA damage and is required for UV-induced alternative splicing of MDM2. <i>Cell Cycle</i> , 2013, 12, 3373-3382.	2.6	26
50	Col ^{EF} , a fluorescent probe for ex vivo confocal imaging of collagen and elastin in animal tissues. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 533-539.	1.5	25
51	DNA damage signaling, impairment of cell cycle progression, and apoptosis triggered by 5-ethynyl-2-deoxyuridine incorporated into DNA. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 979-988.	1.5	54
52	Myron Melamed, 1927-2013. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 1047-1050.	1.5	2
53	Analysis of spatial correlations between patterns of DNA damage response and DNA replication in nuclei of cells subjected to replication stress or oxidative damage. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 925-932.	1.5	6
54	New insights into cell cycle and DNA damage response machineries through high-resolution AMICO quantitative imaging cytometry. <i>Cell Proliferation</i> , 2013, 46, 497-500.	5.3	0

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55	Kinetic Viability Assays Using DRAQ7 Probe. <i>Current Protocols in Cytometry</i> , 2013, 65, Unit 9.41.	3.7	11
56	Berberine suppresses gero-conversion from cell cycle arrest to senescence. <i>Aging</i> , 2013, 5, 623-636.	3.1	55
57	Perturbation of nucleotide metabolism - the driving force of oncogene-induced senescence. <i>Oncotarget</i> , 2013, 4, 649-650.	1.8	5
58	In vitro cytotoxicity of ranpirnase (onconase) in combination with components of R-CHOP regimen against diffuse large B cell lymphoma (DLBCL) cell line. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2013, 67, 1166-1172.	0.1	11
59	Running m(o)TOR with the brakes on leads to catastrophe at mitosis. <i>Cell Cycle</i> , 2012, 11, 4494-4494.	2.6	3
60	Spatiotemporal recruitment of human DNA polymerase delta to sites of UV damage. <i>Cell Cycle</i> , 2012, 11, 2885-2895.	2.6	33
61	Persistent DNA damage caused by low levels of mitomycin C induces irreversible cell senescence. <i>Cell Cycle</i> , 2012, 11, 3132-3140.	2.6	46
62	DNA damage signaling assessed in individual cells in relation to the cell cycle phase and induction of apoptosis. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2012, 49, 199-217.	6.1	45
63	Laser Scanning Cytometry: Principles and Applications – An Update. <i>Methods in Molecular Biology</i> , 2012, 931, 187-212.	0.9	38
64	Arachidonate 5 lipoxygenase expression in papillary thyroid carcinoma promotes invasion via MMP-9 induction. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1998-2008.	2.6	41
65	Cycling into future: Mass cytometry for the cell cycle analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 546-548.	1.5	8
66	Relationship of DNA damage signaling to DNA replication following treatment with DNA topoisomerase inhibitors camptothecin/topotecan, mitoxantrone, or etoposide. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 45-51.	1.5	39
67	Genome integrity, stem cells and hyaluronan. <i>Aging</i> , 2012, 4, 78-88.	3.1	29
68	Attenuation of constitutive DNA damage signaling by 1,25-dihydroxyvitamin D3. <i>Aging</i> , 2012, 4, 270-278.	3.1	50
69	Potential anti-aging agents suppress the level of constitutive mTOR- and DNA damage- signaling. <i>Aging</i> , 2012, 4, 952-965.	3.1	86
70	Rapid Quantification of Cell Viability and Apoptosis in B-Cell Lymphoma Cultures Using Cyanine SYTO Probes. <i>Methods in Molecular Biology</i> , 2011, 740, 81-89.	0.9	15
71	Critical Aspects in Analysis of Cellular DNA Content. <i>Current Protocols in Cytometry</i> , 2011, 56, Unit 7.2.	3.7	28
72	Apoptosis goes on a chip: advances in the microfluidic analysis of programmed cell death. <i>Analytical Chemistry</i> , 2011, 83, 6439-6446.	6.5	29

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73	Apoptosis and Beyond: Cytometry in Studies of Programmed Cell Death. <i>Methods in Cell Biology</i> , 2011, 103, 55-98.	1.1	339
74	Mechanisms of chemotherapy-induced human ovarian aging: double strand DNA breaks and microvascular compromise. <i>Aging</i> , 2011, 3, 782-793.	3.1	206
75	Chromium induces chromosomal instability, which is partly due to deregulation of BubR1 and Emi1, two APC/C inhibitors. <i>Cell Cycle</i> , 2011, 10, 2373-2379.	2.6	14
76	Cytometry of DNA replication and RNA synthesis: Historical perspective and recent advances based on click chemistry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 328-337.	1.5	52
77	Cell fixation in zinc salt solution is compatible with DNA damage response detection by phospho-specific antibodies. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 470-476.	1.5	7
78	Induction of DNA damage signaling by oxidative stress in relation to DNA replication as detected using click chemistry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 897-902.	1.5	38
79	Redundancy in response to DNA damage. <i>Cell Cycle</i> , 2011, 10, 3425-3425.	2.6	5
80	Analysis of Individual Molecular Events of DNA Damage Response by Flow- and Image-Assisted Cytometry. <i>Methods in Cell Biology</i> , 2011, 103, 115-147.	1.1	24
81	Laser scanning cytometry for automation of the micronucleus assay. <i>Mutagenesis</i> , 2011, 26, 153-161.	2.6	36
82	Rise of the Micromachines: Microfluidics and the Future of Cytometry. <i>Methods in Cell Biology</i> , 2011, 102, 105-125.	1.1	26
83	Differential regulation of NFAT5 by NKCC2 isoforms in medullary thick ascending limb (mTAL) cells. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F966-F975.	2.7	20
84	Downregulation of uPAR inhibits migration, invasion, proliferation, FAK/PI3K/Akt signaling and induces senescence in papillary thyroid carcinoma cells. <i>Cell Cycle</i> , 2011, 10, 100-107.	2.6	60
85	Detection of DNA Strand Breaks in Apoptotic Cells by Flow- and Image-Cytometry. <i>Methods in Molecular Biology</i> , 2011, 682, 91-101.	0.9	15
86	Fluorochrome-Labeled Inhibitors of Caspases: Convenient In Vitro and In Vivo Markers of Apoptotic Cells for Cytometric Analysis. <i>Methods in Molecular Biology</i> , 2011, 682, 103-114.	0.9	30
87	Real-Time Cytotoxicity Assays. <i>Methods in Molecular Biology</i> , 2011, 731, 285-291.	0.9	23
88	Cell Synchronization by Inhibitors of DNA Replication Induces Replication Stress and DNA Damage Response: Analysis by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2011, 761, 85-96.	0.9	33
89	Manipulating ovarian aging: A new frontier in fertility preservation. <i>Aging</i> , 2011, 3, 19-21.	3.1	12
90	Genome protective effect of metformin as revealed by reduced level of constitutive DNA damage signaling. <i>Aging</i> , 2011, 3, 1028-1038.	3.1	43

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91	Novel strategies of protecting non-cancer cells during chemotherapy: Are they ready for clinical testing?. <i>Oncotarget</i> , 2011, 2, 107-108.	1.8	8
92	Preface to Fifth Edition. <i>Methods in Cell Biology</i> , 2011, , xvii-xix.	1.1	0
93	Na ⁺ /K ⁺ -ATPase cotransporter type 2 (NKCC2) isoform A regulates NFAT5 in medullary thick ascending limb (mTAL) cells. <i>FASEB Journal</i> , 2011, 25, 1041.36.	0.5	0
94	Kinetics of the UV _A -induced DNA damage response in relation to cell cycle phase. Correlation with DNA replication. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 285-293.	1.5	36
95	Cytometric assessment of cytostatic and cytotoxic effects of topical glaucoma medications on human epithelial corneal line cells. <i>Cytometry Part B - Clinical Cytometry</i> , 2010, 78B, 130-137.	1.5	11
96	DNA damage response induced by exposure of human lung adenocarcinoma cells to smoke from tobacco- and nicotine-free cigarettes. <i>Cell Cycle</i> , 2010, 9, 2170-2176.	2.6	38
97	DNA damage signaling is activated during cancer progression in human colorectal carcinoma. <i>Cancer Biology and Therapy</i> , 2010, 9, 245-251.	3.4	39
98	DNA damage detected with γ -H2AX in endometrioid adenocarcinoma cell lines. <i>International Journal of Oncology</i> , 2010, 36, 1081-8.	3.3	14
99	Nucleic Acid Analysis. <i>Current Protocols in Cytometry</i> , 2010, 54, 7.0.1.	3.7	0
100	Rationale for the real-time and dynamic cell death assays using propidium iodide. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 399-405.	1.5	54
101	Cytometry in cell necrobiology revisited. Recent advances and new vistas. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 591-606.	1.5	76
102	New biomarkers probing depth of cell senescence assessed by laser scanning cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 999-1007.	1.5	40
103	Cytometry of the cell cycle: In search for perfect methodology for DNA content analysis in tissue specimens. <i>Cell Cycle</i> , 2010, 9, 3395-3396.	2.6	3
104	Guarding genome integrity in stem cells. <i>Cell Cycle</i> , 2010, 9, 2271-2274.	2.6	1
105	Cell death goes LIVE: Technological advances in real-time tracking of cell death. <i>Cell Cycle</i> , 2010, 9, 2330-2341.	2.6	29
106	Critical Aspects in Analysis of Cellular DNA Content. <i>Current Protocols in Cytometry</i> , 2010, 52, Unit7.2.	3.7	45
107	Analysis of Cellular DNA Content by Flow and Laser Scanning Cytometry. <i>Advances in Experimental Medicine and Biology</i> , 2010, 676, 137-147.	1.6	137
108	Another "Janus paradox" of p53: induction of cell senescence versus quiescence. <i>Aging</i> , 2010, 2, 329-330.	3.1	15

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109	Microfluidics: Emerging prospects for anti-cancer drug screening. <i>World Journal of Clinical Oncology</i> , 2010, 1, 18.	2.3	15
110	Antitumor Activity of Amphibian Ribonucleases, Onconase and R-Amhinase, on Tumor Cells From B-Cell Lymphoproliferative Disorders. <i>Blood</i> , 2010, 116, 2842-2842.	1.4	0
111	Cytometric detection of chromatin relaxation, an early reporter of DNA damage response. <i>Cell Cycle</i> , 2009, 8, 2233-2237.	2.6	22
112	An interview with Dr. Zbigniew Darzynkiewicz on his highly cited paper published in <i>Cell Cycle</i> . <i>Cell Cycle</i> , 2009, 8, 1471-1472.	2.6	0
113	Forever young, slim and fit: Rapamycin to the rescue. <i>Cell Cycle</i> , 2009, 8, 1818-1822.	2.6	2
114	Attenuation of constitutive ATM activation and H2AX phosphorylation in human leukemic TK6 cells by their exposure to static magnetic field. <i>Cell Cycle</i> , 2009, 8, 3238-3240.	2.6	9
115	DNA damage response as a biomarker in treatment of leukemias. <i>Cell Cycle</i> , 2009, 8, 1720-1724.	2.6	23
116	When senescence masquerades as DNA damage: Is DNA replication stress the culprit?. <i>Cell Cycle</i> , 2009, 8, 3809-3815.	2.6	11
117	Expression and function of NFAT5 in medullary thick ascending limb (mTAL) cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F1494-F1503.	2.7	20
118	Dynamic analysis of apoptosis using cyanine SYTO probes: From classical to microfluidic cytometry. <i>Experimental Cell Research</i> , 2009, 315, 1706-1714.	2.6	47
119	Impaired DNA damage response – An Achilles' heel sensitizing cancer to chemotherapy and radiotherapy. <i>European Journal of Pharmacology</i> , 2009, 625, 143-150.	3.5	64
120	Ribonucleases as potential modalities in anticancer therapy. <i>European Journal of Pharmacology</i> , 2009, 625, 181-189.	3.5	105
121	Induction of DNA damage response by the supravital probes of nucleic acids. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 510-519.	1.5	65
122	DNA damage response induced by tobacco smoke in normal human bronchial epithelial and A549 pulmonary adenocarcinoma cells assessed by laser scanning cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 840-847.	1.5	54
123	ER – Golgi network – A future target for anti-cancer therapy. <i>Leukemia Research</i> , 2009, 33, 1440-1447.	0.8	115
124	Diversity of DNA damage response of astrocytes and glioblastoma cell lines with various p53 status to treatment with etoposide and temozolomide. <i>Cancer Biology and Therapy</i> , 2009, 8, 452-457.	3.4	25
125	Chip-Based Dynamic Real-Time Quantification of Drug-Induced Cytotoxicity in Human Tumor Cells. <i>Analytical Chemistry</i> , 2009, 81, 6952-6959.	6.5	51
126	γ -H2AX: A potential DNA damage response biomarker for assessing toxicological risk of tobacco products. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 678, 43-52.	1.7	35

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127	Flow Cytometry-Based Apoptosis Detection. <i>Methods in Molecular Biology</i> , 2009, 559, 19-32.	0.9	208
128	Fluoroquinolones lower constitutive H2AX and ATM phosphorylation in TK6 lymphoblastoid cells via modulation of the intracellular redox status. <i>Pharmacological Reports</i> , 2009, 61, 711-718.	3.3	3
129	Attenuation of the oxidative burst-induced DNA damage in human leukocytes by hyaluronan. <i>International Journal of Molecular Medicine</i> , 2009, 23, 695-9.	4.0	26
130	Nucleic Acid Analysis. <i>Current Protocols in Cytometry</i> , 2009, 47, 7.0.1.	3.7	4
131	Cytometric Analysis of DNA Damage: Phosphorylation of Histone H2AX as a Marker of DNA Double-Strand Breaks (DSBs). <i>Methods in Molecular Biology</i> , 2009, 523, 161-168.	0.9	77
132	Cytometric Assessment of DNA Damage Induced by DNA Topoisomerase Inhibitors. <i>Methods in Molecular Biology</i> , 2009, 582, 145-153.	0.9	10
133	When senescence masquerades as DNA damage: is DNA replication stress the culprit?. <i>Cell Cycle</i> , 2009, 8, 3810-1.	2.6	10
134	Forever young, slim and fit: rapamycin to the rescue. <i>Cell Cycle</i> , 2009, 8, 1820-1.	2.6	2
135	SYTO probes in the cytometry of tumor cell death. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 496-507.	1.5	65
136	There's more than one way to skin a cat: Yet another way to assess mitotic index by cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 386-387.	1.5	5
137	Multiparameter detection of apoptosis using red-excitable SYTO probes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 563-569.	1.5	30
138	Kinetics of histone H2AX phosphorylation and Chk2 activation in A549 cells treated with topotecan and mitoxantrone in relation to the cell cycle phase. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 480-489.	1.5	42
139	Please do not disturb: Destruction of chromatin structure by supravital nucleic acid probes revealed by a novel assay of DNA-histone interaction. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 877-879.	1.5	10
140	Attenuation of acridine mutagen ICR-191 DNA interactions and DNA damage by the mutagen interceptor chlorophyllin. <i>Biophysical Chemistry</i> , 2008, 135, 69-75.	2.8	28
141	Assessment of DNA double-strand breaks and γ H2AX induced by the topoisomerase II poisons etoposide and mitoxantrone. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 641, 43-47.	1.0	106
142	Analysis of apoptosis by cytometry using TUNEL assay. <i>Methods</i> , 2008, 44, 250-254.	3.8	189
143	sSgo1, a Major Splice Variant of Sgo1, Functions in Centriole Cohesion Where It Is Regulated by Plk1. <i>Developmental Cell</i> , 2008, 14, 331-341.	7.0	113
144	Phosphorylation of p53 on Ser15 during cell cycle and caused by Topo I and Topo II inhibitors in relation to ATM and Chk2 activation. <i>Cell Cycle</i> , 2008, 7, 3048-3055.	2.6	54

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145	The cytotoxic ribonuclease onconase targets RNA interference (siRNA). <i>Cell Cycle</i> , 2008, 7, 3258-3261.	2.6	43
146	Ciprofloxacin-induced G2 arrest and apoptosis in TK6 lymphoblastoid cells is not dependent on DNA double-strand break formation. <i>Cancer Biology and Therapy</i> , 2008, 7, 113-119.	3.4	36
147	Broken beyond repair: Damaging DNA in glioblastoma cells with radiation and camptothecin. <i>Cancer Biology and Therapy</i> , 2008, 7, 374-375.	3.4	1
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