

Joanna Skommer

List of Publications by Year in descending order

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42
papers

2,244
citations

218677

26
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

4260
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptosis and Beyond: Cytometry in Studies of Programmed Cell Death. <i>Methods in Cell Biology</i> , 2011, 103, 55-98.	1.1	339
2	HA14-1, a small molecule Bcl-2 antagonist, induces apoptosis and modulates action of selected anticancer drugs in follicular lymphoma B cells. <i>Leukemia Research</i> , 2006, 30, 322-331.	0.8	223
3	Flow Cytometry-Based Apoptosis Detection. <i>Methods in Molecular Biology</i> , 2009, 559, 19-32.	0.9	208
4	Neuroglobin protects nerve cells from apoptosis by inhibiting the intrinsic pathway of cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 401-411.	4.9	137
5	ERâ€“Golgi networkâ€“A future target for anti-cancer therapy. <i>Leukemia Research</i> , 2009, 33, 1440-1447.	0.8	115
6	Larger than life: Mitochondria and the Bcl-2 family. <i>Leukemia Research</i> , 2007, 31, 277-286.	0.8	80
7	Bcl-2 inhibits apoptosis by increasing the time-to-death and intrinsic cell-to-cell variations in the mitochondrial pathway of cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1223-1233.	4.9	77
8	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
9	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
10	Three-dimensional printed millifluidic devices for zebrafish embryo tests. <i>Biomicrofluidics</i> , 2015, 9, 046502.	2.4	62
11	An Antiapoptotic Neuroprotective Role for Neuroglobin. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2306-2321.	4.1	59
12	Analysis of DRAM-related proteins reveals evolutionarily conserved and divergent roles in the control of autophagy. <i>Cell Cycle</i> , 2009, 8, 2260-2265.	2.6	58
13	Dynamic Analysis of Drug-Induced Cytotoxicity Using Chip-Based Dielectrophoretic Cell Immobilization Technology. <i>Analytical Chemistry</i> , 2011, 83, 2133-2144.	6.5	56
14	Cellular foundation of curcumin-induced apoptosis in follicular lymphoma cell lines. <i>Experimental Hematology</i> , 2006, 34, 463-474.	0.4	55
15	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
16	A role for human neuroglobin in apoptosis. <i>IUBMB Life</i> , 2010, 62, 878-885.	3.4	50
17	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
18	Gene-expression profiling during curcumin-induced apoptosis reveals downregulation of CXCR4. <i>Experimental Hematology</i> , 2007, 35, 84-95.	0.4	42

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19	Towards an understanding of apoptosis detection by SYTO dyes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007, 71A, 61-72.	1.5	39
20	Biological Implications of Polymeric Microdevices for Live Cell Assays. <i>Analytical Chemistry</i> , 2009, 81, 9828-9833.	6.5	39
21	Fishing on chips: Upcoming technological advances in analysis of zebrafish and <i>Xenopus</i> embryos. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 921-932.	1.5	36
22	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
23	Multiparameter Lab-on-a-Chip flow cytometry of the cellcycle. <i>Biosensors and Bioelectronics</i> , 2013, 42, 586-591.	10.1	30
24	Brefeldin A triggers apoptosis associated with mitochondrial breach and enhances HA14-1- and anti-Fas-mediated cell killing in follicular lymphoma cells. <i>Leukemia Research</i> , 2007, 31, 1687-1700.	0.8	29
25	Cell death goes LIVE: Technological advances in real-time tracking of cell death. <i>Cell Cycle</i> , 2010, 9, 2330-2341.	2.6	29
26	Successes and future outlook for microfluidics-based cardiovascular drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 231-244.	5.0	27
27	Multiparametric analysis of HA14-1-induced apoptosis in follicular lymphoma cells. <i>Leukemia Research</i> , 2006, 30, 1187-1192.	0.8	24
28	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
29	Real-time 2D visualization of metabolic activities in zebrafish embryos using a microfluidic technology. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 446-450.	1.5	21
30	3D printed polymers toxicity profiling: a caution for biodevice applications. <i>Proceedings of SPIE</i> , 2015, , .	0.8	19
31	Timing is everything: stochastic origins of cell-to-cell variability in cancer cell death. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 307.	3.0	17
32	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
33	Does a redox cycle provide a mechanism for setting the capacity of neuroglobin to protect cells from apoptosis?. <i>IUBMB Life</i> , 2012, 64, 419-422.	3.4	15
34	Nonlinear regulation of commitment to apoptosis by simultaneous inhibition of Bcl-2 and XIAP in leukemia and lymphoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 619-626.	4.9	12
35	SYTO Probes: Markers of Apoptotic Cell Demise. <i>Current Protocols in Cytometry</i> , 2007, 42, Unit7.33.	3.7	8
36	Multiparameter Analysis of Apoptosis Using Lab-on-a-Chip Flow Cytometry. <i>Current Protocols in Cytometry</i> , 2013, 66, 9.42.1-9.42.15.	3.7	8

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37	Microfluidic device for a rapid immobilization of Zebrafish larvae in environmental scanning electron microscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 190-194.	1.5	7
38	Extended survival of SH-SY5Y cells following overexpression of Lys67Glu neuroglobin is associated with stabilization of τ^{M} . <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 602-610.	1.5	6
39	Biological implications of lab-on-a-chip devices fabricated using multi-jet modelling and stereolithography processes. <i>Proceedings of SPIE</i> , 2015, , .	0.8	6
40	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
41	Lab-on-a-chip technology for a non-invasive and real-time visualisation of metabolic activities in larval vertebrates. , 2015, , .		1
42	An integrated micromechanical large particle in flow sorter (MILPIS). , 2015, , .		1