

Carl D Bortner

List of Publications by Year in descending order

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19
papers

986
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	Ions, the Movement of Water and the Apoptotic Volume Decrease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 611211.	3.7	36
2	Murine Glucocorticoid Receptors Orchestrate B Cell Migration Selectively between Bone Marrow and Blood. <i>Journal of Immunology</i> , 2020, 205, 619-629.	0.8	20
3	Nitric oxide reverses drug resistance by inhibiting ATPase activity of p-glycoprotein in human multi-drug resistant cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2806-2814.	2.4	30
4	Synergistic enhancement of topotecan-induced cell death by ascorbic acid in human breast MCF-7 tumor cells. <i>Free Radical Biology and Medicine</i> , 2017, 113, 406-412.	2.9	16
5	Transcription Factor GLIS3: A New and Critical Regulator of Postnatal Stages of Mouse Spermatogenesis. <i>Stem Cells</i> , 2016, 34, 2772-2783.	3.2	26
6	Complement Receptor C5aR1/CD88 and Dipeptidyl Peptidase-4/CD26 Define Distinct Hematopoietic Lineages of Dendritic Cells. <i>Journal of Immunology</i> , 2015, 194, 3808-3819.	0.8	52
7	Identification of a functional nuclear translocation sequence in hPPIP5K2. <i>BMC Cell Biology</i> , 2015, 16, 17.	3.0	13
8	Farnesol activates the intrinsic pathway of apoptosis and the ATF4-ATF3-CHOP cascade of ER stress in human T lymphoblastic leukemia Molt4 cells. <i>Biochemical Pharmacology</i> , 2015, 97, 256-268.	4.4	53
9	Nitric Oxide Down-Regulates Topoisomerase I and Induces Camptothecin Resistance in Human Breast MCF-7 Tumor Cells. <i>PLoS ONE</i> , 2015, 10, e0141897.	2.5	19
10	Bronchial epithelial injury in the context of alloimmunity promotes lymphocytic bronchiolitis through hyaluronan expression. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L1045-L1055.	2.9	12
11	Ion channels and apoptosis in cancer. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130104.	4.0	103
12	Life and Death of Lymphocytes: A Volume Regulation Affair. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 1079-1088.	1.6	20
13	Cell shrinkage and monovalent cation fluxes: Role in apoptosis. <i>Archives of Biochemistry and Biophysics</i> , 2007, 462, 176-188.	3.0	227
14	New Approaches for Determining Apoptotic Volume Decrease in Cells. <i>Methods in Enzymology</i> , 2007, 428, 161-181.	1.0	15
15	Apoptotic volume decrease and nitric oxide. <i>Toxicology</i> , 2005, 208, 213-221.	4.2	10
16	The role of apoptotic volume decrease and ionic homeostasis in the activation and repression of apoptosis. <i>Pflügers Archiv European Journal of Physiology</i> , 2004, 448, 313-318.	2.8	138
17	CELLULAR MECHANISMS FOR THE REPRESSION OF APOPTOSIS. <i>Annual Review of Pharmacology and Toxicology</i> , 2002, 42, 259-281.	9.4	110
18	Glucocorticoid-Induced Plasma Membrane Depolarization during Thymocyte Apoptosis: Association with Cell Shrinkage and Degradation of the Na ⁺ /K ⁺ -Adenosine Triphosphatase. <i>Endocrinology</i> , 2001, 142, 5059-5068.	2.8	22

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19	Cell volume regulation in immune cell apoptosis. Cell and Tissue Research, 2000, 301, 33-42.	2.9	64