

Carl D Bortner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5002569/publications.pdf>

Version: 2024-02-01

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 | Cell shrinkage and monovalent cation fluxes: Role in apoptosis. Archives of Biochemistry and Biophysics, 2007, 462, 176-188. | 3.0 | 227 |
| 2 | The role of apoptotic volume decrease and ionic homeostasis in the activation and repression of apoptosis. Pflugers Archiv European Journal of Physiology, 2004, 448, 313-318. | 2.8 | 138 |
| 3 | CELLULARMECHANISMS FOR THEREPRESSION OFAPOPTOSIS. Annual Review of Pharmacology and Toxicology, 2002, 42, 259-281. | 9.4 | 110 |
| 4 | Ion channels and apoptosis in cancer. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130104. | 4.0 | 103 |
| 5 | Cell volume regulation in immune cell apoptosis. Cell and Tissue Research, 2000, 301, 33-42. | 2.9 | 64 |
| 6 | Farnesol activates the intrinsic pathway of apoptosis and the ATF4-ATF3-CHOP cascade of ER stress in human T lymphoblastic leukemia Molt4 cells. Biochemical Pharmacology, 2015, 97, 256-268. | 4.4 | 53 |
| 7 | Complement Receptor C5aR1/CD88 and Dipeptidyl Peptidase-4/CD26 Define Distinct Hematopoietic Lineages of Dendritic Cells. Journal of Immunology, 2015, 194, 3808-3819. | 0.8 | 52 |
| 8 | Ions, the Movement of Water and the Apoptotic Volume Decrease. Frontiers in Cell and Developmental Biology, 2020, 8, 611211. | 3.7 | 36 |
| 9 | Nitric oxide reverses drug resistance by inhibiting ATPase activity of p-glycoprotein in human multi-drug resistant cancer cells. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2806-2814. | 2.4 | 30 |
| 10 | Transcription Factor GLIS3: A New and Critical Regulator of Postnatal Stages of Mouse Spermatogenesis. Stem Cells, 2016, 34, 2772-2783. | 3.2 | 26 |
| 11 | Glucocorticoid-Induced Plasma Membrane Depolarization during Thymocyte Apoptosis: Association with Cell Shrinkage and Degradation of the Na ⁺ /K ⁺ -Adenosine Triphosphatase. Endocrinology, 2001, 142, 5059-5068. | 2.8 | 22 |
| 12 | Life and Death of Lymphocytes: A Volume Regulation Affair. Cellular Physiology and Biochemistry, 2011, 28, 1079-1088. | 1.6 | 20 |
| 13 | Murine Glucocorticoid Receptors Orchestrate B Cell Migration Selectively between Bone Marrow and Blood. Journal of Immunology, 2020, 205, 619-629. | 0.8 | 20 |
| 14 | Nitric Oxide Down-Regulates Topoisomerase I and Induces Camptothecin Resistance in Human Breast MCF-7 Tumor Cells. PLoS ONE, 2015, 10, e0141897. | 2.5 | 19 |
| 15 | Synergistic enhancement of topotecan-induced cell death by ascorbic acid in human breast MCF-7 tumor cells. Free Radical Biology and Medicine, 2017, 113, 406-412. | 2.9 | 16 |
| 16 | New Approaches for Determining Apoptotic Volume Decrease in Cells. Methods in Enzymology, 2007, 428, 161-181. | 1.0 | 15 |
| 17 | Identification of a functional nuclear translocation sequence in hPPIP5K2. BMC Cell Biology, 2015, 16, 17. | 3.0 | 13 |
| 18 | Bronchial epithelial injury in the context of alloimmunity promotes lymphocytic bronchiolitis through hyaluronan expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L1045-L1055. | 2.9 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Apoptotic volume decrease and nitric oxide. Toxicology, 2005, 208, 213-221. | 4.2 | 10 |