

# John A Cidlowski

## List of Publications by Citations

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354  
papers

31,818  
citations

93  
h-index

171  
g-index

365  
ext. papers

35,746  
ext. citations

6.6  
avg, IF

7.64  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 354 | Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 486-541   | 12.7 | 2160      |
| 353 | Antiinflammatory action of glucocorticoids--new mechanisms for old drugs. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 1711-23   | 59.2 | 2097      |
| 352 | Immune regulation by glucocorticoids. <i>Nature Reviews Immunology</i> , <b>2017</b> , 17, 233-247  | 36.5 | 649       |
| 351 | Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 58-73   | 12.7 | 643       |
| 350 | Molecular control of immune/inflammatory responses: interactions between nuclear factor-kappa B and steroid receptor-signaling pathways. <i>Endocrine Reviews</i> , <b>1999</b> , 20, 435-59  | 27.2 | 598       |
| 349 | The biology of the glucocorticoid receptor: new signaling mechanisms in health and disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 132, 1033-44  | 11.5 | 562       |
| 348 | Apoptosis: the biochemistry and molecular biology of programmed cell death. <i>Endocrine Reviews</i> , <b>1993</b> , 14, 133-51   | 27.2 | 546       |
| 347 | Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 1093-107  | 12.7 | 533       |
| 346 | The role of DNA fragmentation in apoptosis. <i>Trends in Cell Biology</i> , <b>1995</b> , 5, 21-6   | 18.3 | 474       |
| 345 | Apoptosis and glutathione: beyond an antioxidant. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 1303-14   | 12.7 | 464       |
| 344 | Glucocorticoid receptor signaling in health and disease. <i>Trends in Pharmacological Sciences</i> , <b>2013</b> , 34, 518-30   | 13.2 | 449       |
| 343 | A primary role for K <sup>+</sup> and Na <sup>+</sup> efflux in the activation of apoptosis. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 32436-42   | 5.4  | 439       |
| 342 | The human glucocorticoid receptor beta isoform. Expression, biochemical properties, and putative function. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 9550-9   | 5.4  | 407       |
| 341 | Cell cycle regulation and apoptosis. <i>Annual Review of Physiology</i> , <b>1998</b> , 60, 601-17  | 23.1 | 395       |
| 340 | Proinflammatory cytokines regulate human glucocorticoid receptor gene expression and lead to the accumulation of the dominant negative beta isoform: a mechanism for the generation of glucocorticoid resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 6815-20 | 11.5 | 388       |
| 339 | Intracellular K <sup>+</sup> suppresses the activation of apoptosis in lymphocytes. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 30567-76  | 5.4  | 372       |
| 338 | Translational regulatory mechanisms generate N-terminal glucocorticoid receptor isoforms with unique transcriptional target genes. <i>Molecular Cell</i> , <b>2005</b> , 18, 331-42   | 17.6 | 341       |

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|-----|---|------|-----|
| 337 | Molecular mechanisms of glucocorticoid action and resistance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2002</b> , 83, 37-48  | 5.1  | 329 |
| 336 | Cross-talk between nuclear factor-kappa B and the steroid hormone receptors: mechanisms of mutual antagonism. <i>Molecular Endocrinology</i> , <b>1998</b> , 12, 45-56  |      | 324 |
| 335 | Cell cycle and apoptosis: common pathways to life and death. <i>Journal of Cellular Biochemistry</i> , <b>1995</b> , 58, 175-80   | 4.7  | 314 |
| 334 | The dominant negative activity of the human glucocorticoid receptor beta isoform. Specificity and mechanisms of action. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 27857-66  | 5.4  | 304 |
| 333 | The human glucocorticoid receptor: one gene, multiple proteins and diverse responses. <i>Steroids</i> , <b>2005</b> , 70, 407-17  | 2.8  | 295 |
| 332 | Mechanisms of glucocorticoid receptor signaling during inflammation. <i>Mechanisms of Ageing and Development</i> , <b>2004</b> , 125, 697-706   | 5.6  | 292 |
| 331 | International Union of Pharmacology. LXV. The pharmacology and classification of the nuclear receptor superfamily: glucocorticoid, mineralocorticoid, progesterone, and androgen receptors. <i>Pharmacological Reviews</i> , <b>2006</b> , 58, 782-97 | 22.5 | 289 |
| 330 | Proteasome-mediated glucocorticoid receptor degradation restricts transcriptional signaling by glucocorticoids. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 42714-21  | 5.4  | 272 |
| 329 | Corticosteroids: Mechanisms of Action in Health and Disease. <i>Rheumatic Disease Clinics of North America</i> , <b>2016</b> , 42, 15-31, vii   | 2.4  | 270 |
| 328 | Identification of human glucocorticoid receptor complementary DNA clones by epitope selection. <i>Science</i> , <b>1985</b> , 228, 740-2  | 33.3 | 259 |
| 327 | Cellular processing of the glucocorticoid receptor gene and protein: new mechanisms for generating tissue-specific actions of glucocorticoids. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 3177-84                                    | 5.4  | 255 |
| 326 | Caspase independent/dependent regulation of K(+), cell shrinkage, and mitochondrial membrane potential during lymphocyte apoptosis. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 21953-62  | 5.4  | 251 |
| 325 | THE CONCISE GUIDE TO PHARMACOLOGY 2017/18: Overview. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174 Suppl 1, S1-S16   | 8.6  | 231 |
| 324 | Glucocorticoid resistance in asthma is associated with elevated in vivo expression of the glucocorticoid receptor beta-isoform. <i>Journal of Allergy and Clinical Immunology</i> , <b>2000</b> , 105, 943-50   | 11.5 | 224 |
| 323 | THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Introduction and Other Protein Targets. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176 Suppl 1, S1-S20   | 8.6  | 218 |
| 322 | A necessary role for cell shrinkage in apoptosis. <i>Biochemical Pharmacology</i> , <b>1998</b> , 56, 1549-59   | 6    | 216 |
| 321 | One hormone, two actions: anti- and pro-inflammatory effects of glucocorticoids. <i>NeuroImmunoModulation</i> , <b>2015</b> , 22, 20-32   | 2.5  | 212 |
| 320 | The five Rs of glucocorticoid action during inflammation: ready, reinforce, repress, resolve, and restore. <i>Trends in Endocrinology and Metabolism</i> , <b>2013</b> , 24, 109-19   | 8.8  | 207 |

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| 319 | The Concise Guide to PHARMACOLOGY 2015/16: Overview. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 5729-43   | 8.6  | 207 |
| 318 | Glutathione depletion is necessary for apoptosis in lymphoid cells independent of reactive oxygen species formation. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 30452-65  | 5.4  | 205 |
| 317 | Rapid in vivo effects of glucocorticoids on the integrity of rat lymphocyte genomic deoxyribonucleic acid. <i>Endocrinology</i> , <b>1986</b> , 118, 38-45   | 4.8  | 205 |
| 316 | Molecular Control of Immune/Inflammatory Responses: Interactions Between Nuclear Factor- $\kappa$ B and Steroid Receptor-Signaling Pathways <b>1999</b> , 20, 435-459  |      | 205 |
| 315 | The glucocorticoid receptor: coding a diversity of proteins and responses through a single gene. <i>Molecular Endocrinology</i> , <b>2002</b> , 16, 1719-26  |      | 202 |
| 314 | Cell shrinkage and monovalent cation fluxes: role in apoptosis. <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 462, 176-88   | 4.1  | 198 |
| 313 | Mouse glucocorticoid receptor phosphorylation status influences multiple functions of the receptor protein. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 9287-93  | 5.4  | 195 |
| 312 | Multiple glucocorticoid receptor isoforms and mechanisms of post-translational modification. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2006</b> , 102, 11-21   | 5.1  | 193 |
| 311 | Potassium is a critical regulator of apoptotic enzymes in vitro and in vivo. <i>Advances in Enzyme Regulation</i> , <b>1999</b> , 39, 157-71   |      | 192 |
| 310 | Glucocorticoid receptor isoforms generate transcription specificity. <i>Trends in Cell Biology</i> , <b>2006</b> , 16, 301-78.3  |      | 178 |
| 309 | Apoptotic volume decrease and the incredible shrinking cell. <i>Cell Death and Differentiation</i> , <b>2002</b> , 9, 1307-19  |      | 172 |
| 308 | Expression of glucocorticoid receptor alpha- and beta-isoforms in human cells and tissues. <i>American Journal of Physiology - Cell Physiology</i> , <b>2002</b> , 283, C1324-31   | 5.4  | 161 |
| 307 | The physiology of human glucocorticoid receptor beta (hGRbeta) and glucocorticoid resistance. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1069, 1-9  | 6.5  | 160 |
| 306 | Regulation of glucocorticoid receptors by glucocorticoids in cultured HeLa S3 cells. <i>Endocrinology</i> , <b>1981</b> , 109, 1975-82   | 4.8  | 160 |
| 305 | International Union of Basic and Clinical Pharmacology. XC. multisite pharmacology: recommendations for the nomenclature of receptor allosterism and allosteric ligands. <i>Pharmacological Reviews</i> , <b>2014</b> , 66, 918-47 | 22.5 | 156 |
| 304 | Expression and subcellular distribution of the beta-isoform of the human glucocorticoid receptor. <i>Endocrinology</i> , <b>1997</b> , 138, 5028-38  | 4.8  | 156 |
| 303 | Glucocorticoids sensitize the innate immune system through regulation of the NLRP3 inflammasome. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 38703-38713   | 5.4  | 154 |
| 302 | The origin and functions of multiple human glucocorticoid receptor isoforms. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1024, 102-23  | 6.5  | 154 |

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| 301 | Molecular determinants of glucocorticoid receptor mobility in living cells: the importance of ligand affinity. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 1922-34   | 4.8  | 152 |
| 300 | Uncoupling cell shrinkage from apoptosis reveals that Na <sup>+</sup> influx is required for volume loss during programmed cell death. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 39176-84                                  | 5.4  | 150 |
| 299 | Mechanisms generating diversity in glucocorticoid receptor signaling. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1179, 167-78   | 6.5  | 148 |
| 298 | Glutathione efflux and cell death. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 17, 1694-713  | 8.4  | 147 |
| 297 | Mechanisms of glucocorticoid receptor action in noninflammatory and inflammatory cells. <i>Proceedings of the American Thoracic Society</i> , <b>2004</b> , 1, 239-46  |      | 141 |
| 296 | Plasma membrane depolarization without repolarization is an early molecular event in anti-Fas-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 4304-14   | 5.4  | 141 |
| 295 | Tissue-specific glucocorticoid action: a family affair. <i>Trends in Endocrinology and Metabolism</i> , <b>2008</b> , 19, 331-9  | 8.8  | 139 |
| 294 | Molecular origins for the dominant negative function of human glucocorticoid receptor beta. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 4319-30  | 4.8  | 138 |
| 293 | Glucocorticoids regulate tristetrapirolin synthesis and posttranscriptionally regulate tumor necrosis factor alpha inflammatory signaling. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 9126-35                                 | 4.8  | 136 |
| 292 | Emerging roles of glucocorticoid receptor phosphorylation in modulating glucocorticoid hormone action in health and disease. <i>IUBMB Life</i> , <b>2009</b> , 61, 979-86  | 4.7  | 135 |
| 291 | Molecular mechanisms regulating glucocorticoid sensitivity and resistance. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 300, 7-16   | 4.4  | 135 |
| 290 | Human glucocorticoid receptor beta binds RU-486 and is transcriptionally active. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 2266-82   | 4.8  | 135 |
| 289 | Novel antipeptide antibodies to the human glucocorticoid receptor: recognition of multiple receptor forms in vitro and distinct localization of cytoplasmic and nuclear receptors. <i>Molecular Endocrinology</i> , <b>1990</b> , 4, 1427-37 |      | 132 |
| 288 | Glucocorticoids and tumor necrosis factor alpha cooperatively regulate toll-like receptor 2 gene expression. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 4743-56   | 4.8  | 131 |
| 287 | Autoregulation of glucocorticoid receptor gene expression. <i>Steroids</i> , <b>1991</b> , 56, 52-8  | 2.8  | 131 |
| 286 | THE CONCISE GUIDE TO PHARMACOLOGY 2017/18: Nuclear hormone receptors. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174 Suppl 1, S208-S224  | 8.6  | 130 |
| 285 | Mechanisms of Glucocorticoid-receptor-mediated Repression of Gene Expression. <i>Trends in Endocrinology and Metabolism</i> , <b>1999</b> , 10, 396-402  | 8.8  | 128 |
| 284 | Adverse consequences of glucocorticoid medication: psychological, cognitive, and behavioral effects. <i>American Journal of Psychiatry</i> , <b>2014</b> , 171, 1045-51  | 11.9 | 124 |

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| 283 | The role of apoptotic volume decrease and ionic homeostasis in the activation and repression of apoptosis. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2004</b> , 448, 313-8   | 4.6 | 124 |
| 282 | Molecular identification and characterization of a and b forms of the glucocorticoid receptor. <i>Molecular Endocrinology</i> , <b>2001</b> , 15, 1093-103  |     | 124 |
| 281 | Native recombinant cyclophilins A, B, and C degrade DNA independently of peptidylprolyl cis-trans-isomerase activity. Potential roles of cyclophilins in apoptosis. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 6677-84       | 5.4 | 123 |
| 280 | Modification of alternative splicing of Bcl-x pre-mRNA in prostate and breast cancer cells. analysis of apoptosis and cell death. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 16411-7   | 5.4 | 122 |
| 279 | Selective regulation of bone cell apoptosis by translational isoforms of the glucocorticoid receptor. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 7143-60   | 4.8 | 118 |
| 278 | Sexually dimorphic actions of glucocorticoids provide a link to inflammatory diseases with gender differences in prevalence. <i>Science Signaling</i> , <b>2010</b> , 3, ra74   | 8.8 | 117 |
| 277 | The Concise Guide to PHARMACOLOGY 2015/16: Nuclear hormone receptors. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 5956-78   | 8.6 | 114 |
| 276 | CBP (CREB binding protein) integrates NF-kappaB (nuclear factor-kappaB) and glucocorticoid receptor physical interactions and antagonism. <i>Molecular Endocrinology</i> , <b>2000</b> , 14, 1222-34  |     | 114 |
| 275 | THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Nuclear hormone receptors. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176 Suppl 1, S229-S246   | 8.6 | 113 |
| 274 | Glucocorticoid receptor phosphorylation: overview, function and cell cycle-dependence. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1998</b> , 65, 91-9  | 5.1 | 113 |
| 273 | Ligand-independent phosphorylation of the glucocorticoid receptor integrates cellular stress pathways with nuclear receptor signaling. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 4663-75                                      | 4.8 | 112 |
| 272 | Regulation of the human glucocorticoid receptor by long-term and chronic treatment with glucocorticoid. <i>Steroids</i> , <b>1994</b> , 59, 436-42  | 2.8 | 110 |
| 271 | Protein kinase C (PKC) inhibits fas receptor-induced apoptosis through modulation of the loss of K <sup>+</sup> and cell shrinkage. A role for PKC upstream of caspases. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 19609-19 | 5.4 | 105 |
| 270 | A role for glucocorticoids in stress-impaired reproduction: beyond the hypothalamus and pituitary. <i>Endocrinology</i> , <b>2013</b> , 154, 4450-68  | 4.8 | 104 |
| 269 | Estrogenic regulation of cytoplasmic receptor populations in estrogen-responsive tissues of the rat. <i>Endocrinology</i> , <b>1974</b> , 95, 1621-9  | 4.8 | 104 |
| 268 | Glycogen synthase kinase 3beta-mediated serine phosphorylation of the human glucocorticoid receptor redirects gene expression profiles. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 7309-22                                     | 4.8 | 103 |
| 267 | AUUUA motifs in the 3'UTR of human glucocorticoid receptor alpha and beta mRNA destabilize mRNA and decrease receptor protein expression. <i>Steroids</i> , <b>2002</b> , 67, 627-36  | 2.8 | 103 |
| 266 | Regulation of apoptosis by steroid hormones. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1995</b> , 53, 1-8   | 5.1 | 101 |

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|-----|--|------|-----|
| 265 | Ligand-induced repression of the glucocorticoid receptor gene is mediated by an NCoR1 repression complex formed by long-range chromatin interactions with intragenic glucocorticoid response elements. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 1711-22     | 4.8  | 100 |
| 264 | Cellular mechanisms for the repression of apoptosis. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2002</b> , 42, 259-81  | 17.9 | 98  |
| 263 | CD38 expression is insensitive to steroid action in cells treated with tumor necrosis factor-alpha and interferon-gamma by a mechanism involving the up-regulation of the glucocorticoid receptor beta isoform. <i>Molecular Pharmacology</i> , <b>2006</b> , 69, 588-96     | 4.3  | 97  |
| 262 | The dynamics of intracellular estrogen receptor regulation as influenced by 17beta-estradiol. <i>Biology of Reproduction</i> , <b>1978</b> , 18, 234-46  | 3.9  | 96  |
| 261 | Exploring the molecular mechanisms of glucocorticoid receptor action from sensitivity to resistance. <i>Endocrine Development</i> , <b>2013</b> , 24, 41-56  |      | 92  |
| 260 | Expression of the human glucocorticoid receptor alpha and beta isoforms in human respiratory epithelial cells and their regulation by dexamethasone. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2001</b> , 24, 49-57                             | 5.7  | 92  |
| 259 | Glucocorticoid-induced apoptosis of lymphoid cells. <i>International Archives of Allergy and Immunology</i> , <b>1994</b> , 105, 347-54  | 3.7  | 91  |
| 258 | Glucocorticoid-induced apoptosis of healthy and malignant lymphocytes. <i>Progress in Brain Research</i> , <b>2010</b> , 182, 1-30   | 2.9  | 89  |
| 257 | Dual role for glucocorticoids in cardiomyocyte hypertrophy and apoptosis. <i>Endocrinology</i> , <b>2012</b> , 153, 5346-60  | 4.8  | 88  |
| 256 | SLCO/OATP-like transport of glutathione in FasL-induced apoptosis: glutathione efflux is coupled to an organic anion exchange and is necessary for the progression of the execution phase of apoptosis. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 29542-57 | 5.4  | 87  |
| 255 | Tissue-specific actions of glucocorticoids on apoptosis: a double-edged sword. <i>Cells</i> , <b>2013</b> , 2, 202-23  | 7.9  | 83  |
| 254 | Specificity and sensitivity of glucocorticoid signaling in health and disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 29, 545-56   | 6.5  | 83  |
| 253 | Glucocorticoid signaling in the heart: A cardiomyocyte perspective. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 153, 27-34  | 5.1  | 82  |
| 252 | Alteration in glucocorticoid binding site number during the cell cycle in HeLa cells. <i>Nature</i> , <b>1977</b> , 266, 643-5   | 50.4 | 82  |
| 251 | Molecular evidence for the nuclear localization of FADD. <i>Cell Death and Differentiation</i> , <b>2003</b> , 10, 791-7   | 12.7 | 80  |
| 250 | Progesterone stimulates respiration through a central nervous system steroid receptor-mediated mechanism in cat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 7788-92  | 11.5 | 79  |
| 249 | Application of a protein-blotting procedure to the study of human glucocorticoid receptor interactions with DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 1744-8   | 11.5 | 78  |
| 248 | Apoptosis: the biochemistry and molecular biology of programmed cell death <b>1993</b> , 14, 133-151   |      | 78  |

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|-----|--|------|----|
| 247 | Glucocorticoids and Reproduction: Traffic Control on the Road to Reproduction. <i>Trends in Endocrinology and Metabolism</i> , <b>2017</b> , 28, 399-415   | 8.8  | 77 |
| 246 | Essential role of stress hormone signaling in cardiomyocytes for the prevention of heart disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17035-40 | 11.5 | 77 |
| 245 | Glucocorticoids modulate microRNA expression and processing during lymphocyte apoptosis. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 36698-708   | 5.4  | 77 |
| 244 | Protein kinase C regulates FADD recruitment and death-inducing signaling complex formation in Fas/CD95-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 44944-52                         | 5.4  | 77 |
| 243 | Ion channels and apoptosis in cancer. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20130104  | 5.8  | 76 |
| 242 | Potential roles of electrogenic ion transport and plasma membrane depolarization in apoptosis. <i>Journal of Membrane Biology</i> , <b>2006</b> , 209, 43-58   | 2.3  | 76 |
| 241 | Differential involvement of initiator caspases in apoptotic volume decrease and potassium efflux during Fas- and UV-induced cell death. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 37602-11           | 5.4  | 75 |
| 240 | Delineation of an antiapoptotic action of glucocorticoids in hepatoma cells: the role of nuclear factor-kappaB. <i>Endocrinology</i> , <b>2000</b> , 141, 1854-62  | 4.8  | 75 |
| 239 | Analysis of glucocorticoid actions on rat thymocyte deoxyribonucleic acid by fluorescence-activated flow cytometry. <i>Endocrinology</i> , <b>1988</b> , 122, 2158-64  | 4.8  | 75 |
| 238 | CBP (CREB Binding Protein) Integrates NF- $\kappa$ B (Nuclear Factor- $\kappa$ B) and Glucocorticoid Receptor Physical Interactions and Antagonism. <i>Molecular Endocrinology</i> , <b>2000</b> , 14, 1222-1234       |      | 75 |
| 237 | Glucocorticoid regulation of the rat cytochrome P450c (P450IA1) gene: receptor binding within intron I. <i>Archives of Biochemistry and Biophysics</i> , <b>1989</b> , 269, 93-105                                     | 4.1  | 72 |
| 236 | Similar actions of glucocorticoids and calcium on the regulation of apoptosis in S49 cells. <i>Molecular Endocrinology</i> , <b>1991</b> , 5, 1169-79  |      | 69 |
| 235 | Immunocytochemical localization of the glucocorticoid receptor in rat brain, pituitary, liver, and thymus with two new polyclonal antipeptide antibodies. <i>Endocrinology</i> , <b>1991</b> , 129, 3064-72            | 4.8  | 68 |
| 234 | Proinflammatory actions of glucocorticoids: glucocorticoids and TNF $\alpha$ coregulate gene expression in vitro and in vivo. <i>Endocrinology</i> , <b>2012</b> , 153, 3701-12  | 4.8  | 65 |
| 233 | Identification of potassium-dependent and -independent components of the apoptotic machinery in mouse ovarian germ cells and granulosa cells. <i>Biology of Reproduction</i> , <b>2000</b> , 63, 1358-69               | 3.9  | 64 |
| 232 | A necessary role for reduced intracellular potassium during the DNA degradation phase of apoptosis. <i>Steroids</i> , <b>1999</b> , 64, 563-9  | 2.8  | 64 |
| 231 | Stimulation of Kv1.3 potassium channels by death receptors during apoptosis in Jurkat T lymphocytes. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 33319-26  | 5.4  | 63 |
| 230 | Glucocorticoid action on the immune system. <i>The Journal of Steroid Biochemistry</i> , <b>1987</b> , 27, 201-8   |      | 63 |

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|-----|---|------|----|
| 229 | Modulation of steroid receptor-mediated gene expression by vitamin B6. <i>FASEB Journal</i> , <b>1994</b> , 8, 343-349.   | 9    | 61 |
| 228 | Pyridoxal phosphate induced alterations in glucocorticoid receptor conformation. <i>Biochemistry</i> , <b>1979</b> , 18, 2378-84  | 3.2  | 61 |
| 227 | Intragenic sequences of the human glucocorticoid receptor complementary DNA mediate hormone-inducible receptor messenger RNA down-regulation through multiple mechanisms. <i>Molecular Endocrinology</i> , <b>1994</b> , 8, 1764-1773                     |      | 61 |
| 226 | Mechanisms of Glucocorticoid Action During Development. <i>Current Topics in Developmental Biology</i> , <b>2017</b> , 125, 147-170   | 5.3  | 60 |
| 225 | Expression and Subcellular Distribution of the $\beta$ isoform of the Human Glucocorticoid Receptor   |      | 60 |
| 224 | On the mechanism of ionic regulation of apoptosis: would the Na <sup>+</sup> /K <sup>+</sup> -ATPase please stand up?. <i>Acta Physiologica</i> , <b>2006</b> , 187, 205-15   | 5.6  | 59 |
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