

Andrew Cox

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,827
citations

304368

22
h-index

454577

30
g-index

34
all docs

34
docs citations

34
times ranked

5868
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | β2-Catenin-Driven Cancers Require a YAP1 Transcriptional Complex for Survival and Tumorigenesis. <i>Cell</i> , 2012, 151, 1457-1473. | 13.5 | 647 |
| 2 | Mitochondrial peroxiredoxin involvement in antioxidant defence and redox signalling. <i>Biochemical Journal</i> , 2010, 425, 313-325. | 1.7 | 429 |
| 3 | Mitochondrial dysfunction remodels one-carbon metabolism in human cells. <i>ELife</i> , 2016, 5, . | 2.8 | 332 |
| 4 | Yap reprograms glutamine metabolism to increase nucleotide biosynthesis and enable liver growth. <i>Nature Cell Biology</i> , 2016, 18, 886-896. | 4.6 | 168 |
| 5 | The thioredoxin reductase inhibitor auranofin triggers apoptosis through a Bax/Bak-dependent process that involves peroxiredoxin 3 oxidation. <i>Biochemical Pharmacology</i> , 2008, 76, 1097-1109. | 2.0 | 141 |
| 6 | Redox Potential and Peroxide Reactivity of Human Peroxiredoxin 3. <i>Biochemistry</i> , 2009, 48, 6495-6501. | 1.2 | 112 |
| 7 | Mitochondrial peroxiredoxin 3 is more resilient to hyperoxidation than cytoplasmic peroxiredoxins. <i>Biochemical Journal</i> , 2009, 421, 51-58. | 1.7 | 98 |
| 8 | Glucose metabolism impacts the spatiotemporal onset and magnitude of HSC induction in vivo. <i>Blood</i> , 2013, 121, 2483-2493. | 0.6 | 96 |
| 9 | Oxidation of mitochondrial peroxiredoxin 3 during the initiation of receptor-mediated apoptosis. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1001-1009. | 1.3 | 82 |
| 10 | Yap regulates glucose utilization and sustains nucleotide synthesis to enable organ growth. <i>EMBO Journal</i> , 2018, 37, . | 3.5 | 73 |
| 11 | Measuring the Redox State of Cellular Peroxiredoxins by Immunoblotting. <i>Methods in Enzymology</i> , 2010, 474, 51-66. | 0.4 | 71 |
| 12 | Estrogen Activation of G-Protein-Coupled Estrogen Receptor 1 Regulates Phosphoinositide 3-Kinase and mTOR Signaling to Promote Liver Growth in Zebrafish and Proliferation of Human Hepatocytes. <i>Gastroenterology</i> , 2019, 156, 1788-1804.e13. | 0.6 | 69 |
| 13 | YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. <i>Developmental Cell</i> , 2020, 52, 446-460.e5. | 3.1 | 65 |
| 14 | Removal of amino acid, peptide and protein hydroperoxides by reaction with peroxiredoxins 2 and 3. <i>Biochemical Journal</i> , 2010, 432, 313-321. | 1.7 | 52 |
| 15 | Selenoprotein H is an essential regulator of redox homeostasis that cooperates with p53 in development and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5562-71. | 3.3 | 49 |
| 16 | Mutations in RABL3 alter KRAS prenylation and are associated with hereditary pancreatic cancer. <i>Nature Genetics</i> , 2019, 51, 1308-1314. | 9.4 | 47 |
| 17 | S-Nitrosothiol Signaling Regulates Liver Development and Improves Outcome following Toxic Liver Injury. <i>Cell Reports</i> , 2014, 6, 56-69. | 2.9 | 45 |
| 18 | The lure of zebrafish in liver research: regulation of hepatic growth in development and regeneration. <i>Current Opinion in Genetics and Development</i> , 2015, 32, 153-161. | 1.5 | 42 |

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|----|---|------|-----------|
| 19 | Mitochondrial respiratory chain involvement in peroxiredoxin 3 oxidation by phenethyl isothiocyanate and auranofin. <i>FEBS Letters</i> , 2010, 584, 1257-1262. | 1.3 | 30 |
| 20 | Release and clinical significance of soluble CD83 in chronic lymphocytic leukemia. <i>Leukemia Research</i> , 2009, 33, 1089-1095. | 0.4 | 28 |
| 21 | Yap1 promotes sprouting and proliferation of lymphatic progenitors downstream of Vegfc in the zebrafish trunk. <i>ELife</i> , 2019, 8, . | 2.8 | 28 |
| 22 | Bcl-2 over-expression promotes genomic instability by inhibiting apoptosis of cells exposed to hydrogen peroxide. <i>Carcinogenesis</i> , 2007, 28, 2166-2171. | 1.3 | 27 |
| 23 | Yap regulates skeletal muscle fatty acid oxidation and adiposity in metabolic disease. <i>Nature Communications</i> , 2021, 12, 2887. | 5.8 | 18 |
| 24 | Pharmacologic Reduction of Mitochondrial Iron Triggers a Noncanonical BAX/BAK-Dependent Cell Death. <i>Cancer Discovery</i> , 2022, 12, 774-791. | 7.7 | 18 |
| 25 | Dissecting metabolism using zebrafish models of disease. <i>Biochemical Society Transactions</i> , 2019, 47, 305-315. | 1.6 | 17 |
| 26 | Imaging Mass Spectrometry Reveals Tumor Metabolic Heterogeneity. <i>IScience</i> , 2020, 23, 101355. | 1.9 | 17 |
| 27 | YAP regulates an SGK1/mTORC1/SREBP-dependent lipogenic program to support proliferation and tissue growth. <i>Developmental Cell</i> , 2022, 57, 719-731.e8. | 3.1 | 17 |
| 28 | Inhibition of receptor-mediated apoptosis upon Bcl-2 overexpression is not associated with increased antioxidant status. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 145-150. | 1.0 | 3 |
| 29 | Identification of NQO2 As a Protein Target in Small Molecule Modulation of Hepatocellular Function. <i>ACS Chemical Biology</i> , 2021, 16, 1770-1778. | 1.6 | 3 |
| 30 | Take the brakes off for liver repair. <i>Nature</i> , 2014, 506, 299-300. | 13.7 | 2 |
| 31 | è,è†“ä_z®ã¾ ©ã®ã,«ã,®ã¬è;€ç®;ã•ã,%®ã®ã,ã,°ãfŠãf«. <i>Nature Digest</i> , 2014, 11, 27-28. | 0.0 | 0 |