

Claudio Schneider

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

14,263
citations

53794

45
h-index

62596

80
g-index

83
all docs

83
docs citations

83
times ranked

25263
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 9.1 | 3,122 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175. | 9.1 | 2,064 |
| 3 | A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470. | 27.8 | 1,838 |
| 4 | Genes specifically expressed at growth arrest of mammalian cells. <i>Cell</i> , 1988, 54, 787-793. | 28.9 | 946 |
| 5 | The prolyl isomerase Pin1 reveals a mechanism to control p53 functions after genotoxic insults. <i>Nature</i> , 2002, 419, 853-857. | 27.8 | 390 |
| 6 | Multipotent cells can be generated in vitro from several adult human organs (heart, liver, and bone) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.4 | 336 |
| 7 | High-Efficiency Full-Length cDNA Cloning by Biotinylated CAP Trapper. <i>Genomics</i> , 1996, 37, 327-336. | 2.9 | 297 |
| 8 | Monoclonal antibodies OKT 11 and OKT 11A have pan-T reactivity and block sheep erythrocyte α receptors. <i>European Journal of Immunology</i> , 1982, 12, 81-86. | 2.9 | 286 |
| 9 | A one-tube plasmid DNA mini-preparation suitable for sequencing. <i>Nucleic Acids Research</i> , 1988, 16, 9878-9878. | 14.5 | 258 |
| 10 | A Pin1/Mutant p53 Axis Promotes Aggressiveness in Breast Cancer. <i>Cancer Cell</i> , 2011, 20, 79-91. | 16.8 | 256 |
| 11 | p65/RelA Modulates <i>BECN1</i> Transcription and Autophagy. <i>Molecular and Cellular Biology</i> , 2009, 29, 2594-2608. | 2.3 | 235 |
| 12 | MAGE-A tumor antigens target p53 transactivation function through histone deacetylase recruitment and confer resistance to chemotherapeutic agents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11160-11165. | 7.1 | 221 |
| 13 | Dismantling Cell-Cell Contacts during Apoptosis Is Coupled to a Caspase-dependent Proteolytic Cleavage of β -Catenin. <i>Journal of Cell Biology</i> , 1997, 139, 759-771. | 5.2 | 214 |
| 14 | FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017, 4, 170112. | 5.3 | 195 |
| 15 | Effects of Age and Heart Failure on Human Cardiac Stem Cell Function. <i>American Journal of Pathology</i> , 2011, 179, 349-366. | 3.8 | 183 |
| 16 | Caspase-2 Can Trigger Cytochrome c Release and Apoptosis from the Nucleus. <i>Journal of Biological Chemistry</i> , 2002, 277, 15147-15161. | 3.4 | 159 |
| 17 | Calpain is required for macroautophagy in mammalian cells. <i>Journal of Cell Biology</i> , 2006, 175, 595-605. | 5.2 | 159 |
| 18 | Glycogen Synthase Kinase-3 β Regulates NF- κ B1/p105 Stability. <i>Journal of Biological Chemistry</i> , 2003, 278, 39583-39590. | 3.4 | 145 |

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|----|--|------|-----------|
| 19 | Role of Caspases, Bid, and p53 in the Apoptotic Response Triggered by Histone Deacetylase Inhibitors Trichostatin-A (TSA) and Suberoylanilide Hydroxamic Acid (SAHA). <i>Journal of Biological Chemistry</i> , 2003, 278, 12579-12589. | 3.4 | 137 |
| 20 | A new and fast method for preparing high quality lambda DNA suitable for sequencing. <i>Nucleic Acids Research</i> , 1988, 16, 2873-2884. | 14.5 | 135 |
| 21 | Caspase-dependent Regulation of Histone Deacetylase 4 Nuclear-Cytoplasmic Shuttling Promotes Apoptosis. <i>Molecular Biology of the Cell</i> , 2004, 15, 2804-2818. | 2.1 | 128 |
| 22 | Multipotent Progenitor Cells Are Present in Human Peripheral Blood. <i>Circulation Research</i> , 2009, 104, 1225-1234. | 4.5 | 126 |
| 23 | Gas6-mediated survival in NIH3T3 cells activates stress signalling cascade and is independent of Ras. <i>Oncogene</i> , 1999, 18, 4224-4236. | 5.9 | 103 |
| 24 | Gas6 Anti-apoptotic Signaling Requires NF- κ B Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 31738-31744. | 3.4 | 98 |
| 25 | Caspase-2-induced Apoptosis Is Dependent on Caspase-9, but Its Processing during UV- or Tumor Necrosis Factor-dependent Cell Death Requires Caspase-3. <i>Journal of Biological Chemistry</i> , 2001, 276, 21907-21915. | 3.4 | 95 |
| 26 | Epigenetic silencing of Oct4 by a complex containing SUV39H1 and Oct4 pseudogene lncRNA. <i>Nature Communications</i> , 2015, 6, 7631. | 12.8 | 87 |
| 27 | The PDZ Protein Tax-interacting Protein-1 Inhibits β -Catenin Transcriptional Activity and Growth of Colorectal Cancer Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 38758-38764. | 3.4 | 86 |
| 28 | miR-335 Directly Targets Rb1 (pRb/p105) in a Proximal Connection to p53-Dependent Stress Response. <i>Cancer Research</i> , 2010, 70, 6925-6933. | 0.9 | 85 |
| 29 | CDNA cloning of the neutrophil bactericidal peptide indolicidin. <i>Biochemical and Biophysical Research Communications</i> , 1992, 187, 467-472. | 2.1 | 76 |
| 30 | Gene expression profiling of advanced ovarian cancer: characterization of a molecular signature involving fibroblast growth factor 2. <i>Oncogene</i> , 2004, 23, 8171-8183. | 5.9 | 75 |
| 31 | The Calpain System as a Modulator of Stress/Damage Response. <i>Cell Cycle</i> , 2007, 6, 136-138. | 2.6 | 73 |
| 32 | The Cell Cycle-regulated Protein Human GTSE-1 Controls DNA Damage-induced Apoptosis by Affecting p53 Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 30356-30364. | 3.4 | 71 |
| 33 | Rho-dependent Regulation of Cell Spreading by the Tetraspan Membrane Protein Gas3/PMP22. <i>Molecular Biology of the Cell</i> , 1999, 10, 2441-2459. | 2.1 | 69 |
| 34 | Proteolytic processing of the adherens junctions components β -catenin and γ -catenin/plakoglobin during apoptosis. <i>Cell Death and Differentiation</i> , 1998, 5, 1042-1050. | 11.2 | 68 |
| 35 | Gas6 Induces Growth, β -Catenin Stabilization, and T-Cell Factor Transcriptional Activation in Contact-Inhibited C57 Mammary Cells. <i>Molecular and Cellular Biology</i> , 2001, 21, 902-915. | 2.3 | 67 |
| 36 | Gas1 is induced by VE-cadherin and vascular endothelial growth factor and inhibits endothelial cell apoptosis. <i>Blood</i> , 2004, 103, 3005-3012. | 1.4 | 66 |

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|----|---|-----|-----------|
| 37 | The Calpain System Is Involved in the Constitutive Regulation of β -Catenin Signaling Functions. <i>Journal of Biological Chemistry</i> , 2005, 280, 22070-22080. | 3.4 | 65 |
| 38 | The Human Serum Deprivation Response Gene (SDPR) Maps to 2q32-q33 and Codes for a Phosphatidylserine-Binding Protein. <i>Genomics</i> , 1999, 57, 120-129. | 2.9 | 63 |
| 39 | cDNA sequence analysis of an antibiotic dodecapeptide from neutrophils. <i>FEBS Letters</i> , 1992, 314, 187-190. | 2.8 | 61 |
| 40 | The Transcriptional Repressor hDaxx Potentiates p53-dependent Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 48013-48023. | 3.4 | 61 |
| 41 | The growth suppressing gas1 product is a GPI-linked protein. <i>FEBS Letters</i> , 2000, 481, 152-158. | 2.8 | 60 |
| 42 | Chromosome assignment of monoclonal antibody-defined determinants on human leukemic cells. <i>European Journal of Immunology</i> , 1983, 13, 1008-1013. | 2.9 | 55 |
| 43 | GTSE1 Is a Microtubule Plus-End Tracking Protein That Regulates EB1-Dependent Cell Migration. <i>PLoS ONE</i> , 2012, 7, e51259. | 2.5 | 52 |
| 44 | In-Check system: A highly integrated silicon Lab-on-Chip for sample preparation, PCR amplification and microarray detection of nucleic acids directly from biological samples. <i>Sensors and Actuators B: Chemical</i> , 2013, 187, 99-105. | 7.8 | 50 |
| 45 | Exposure at the Cell Surface Is Required for Gas3/PMP22 To Regulate Both Cell Death and Cell Spreading: Implication for the Charcot-Marie-Tooth Type 1A and Dejerine-Sottas Diseases. <i>Molecular Biology of the Cell</i> , 2000, 11, 2901-2914. | 2.1 | 47 |
| 46 | USP1 (ubiquitin specific peptidase 1) targets ULK1 and regulates its cellular compartmentalization and autophagy. <i>Autophagy</i> , 2019, 15, 613-630. | 9.1 | 47 |
| 47 | Is this the real time for genomics?. <i>Genomics</i> , 2014, 103, 177-182. | 2.9 | 46 |
| 48 | hGTSE-1 Expression Stimulates Cytoplasmic Localization of p53. <i>Journal of Biological Chemistry</i> , 2004, 279, 11744-11752. | 3.4 | 44 |
| 49 | An Oct4-pRb Axis, Controlled by MiR-335, Integrates Stem Cell Self-Renewal and Cell Cycle Control. <i>Stem Cells</i> , 2013, 31, 717-728. | 3.2 | 43 |
| 50 | p53 is involved in the p120E4F-mediated growth arrest. <i>Oncogene</i> , 2000, 19, 188-199. | 5.9 | 42 |
| 51 | Calpain as a Novel Regulator of Autophagosome Formation. <i>Autophagy</i> , 2007, 3, 235-237. | 9.1 | 41 |
| 52 | Localization of growth arrest-specific genes on mouse Chromosomes 1, 7, 8, 11, 13, and 16. <i>Mammalian Genome</i> , 1992, 2, 130-134. | 2.2 | 36 |
| 53 | Tumor-specific MAGE proteins as regulators of p53 function. <i>Cancer Letters</i> , 2012, 325, 11-17. | 7.2 | 34 |
| 54 | Alterations in the Arf6-regulated plasma membrane endosomal recycling pathway in cells overexpressing the tetraspan protein Gas3/PMP22. <i>Journal of Cell Science</i> , 2003, 116, 987-999. | 2.0 | 32 |

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|----|---|------|-----------|
| 55 | Human GTSE-1 Regulates p21CIP1/WAF1 Stability Conferring Resistance to Paclitaxel Treatment. <i>Journal of Biological Chemistry</i> , 2010, 285, 5274-5281. | 3.4 | 32 |
| 56 | Analysis of the domain requirement in Gas1 growth suppressing activity. <i>FEBS Letters</i> , 2000, 481, 159-163. | 2.8 | 29 |
| 57 | The complexity of cell proliferation control in mammalian cells. <i>Current Opinion in Cell Biology</i> , 1991, 3, 276-281. | 5.4 | 28 |
| 58 | Cell-cycle regulation of the p53-inducible gene B99. <i>FEBS Letters</i> , 2000, 481, 57-62. | 2.8 | 28 |
| 59 | A Streamlined Approach to Rapidly Detect SARS-CoV-2 Infection Avoiding RNA Extraction: Workflow Validation. <i>Disease Markers</i> , 2020, 2020, 1-5. | 1.3 | 26 |
| 60 | Human MageB2 Protein Expression Enhances E2F Transcriptional Activity, Cell Proliferation, and Resistance to Ribotoxic Stress. <i>Journal of Biological Chemistry</i> , 2015, 290, 29652-29662. | 3.4 | 24 |
| 61 | CAPNS1 Regulates USP1 Stability and Maintenance of Genome Integrity. <i>Molecular and Cellular Biology</i> , 2013, 33, 2485-2496. | 2.3 | 22 |
| 62 | The product of agas6splice variant allows the release of the domain responsible for Axl tyrosine kinase receptor activation. <i>FEBS Letters</i> , 1997, 415, 59-63. | 2.8 | 20 |
| 63 | Role of Gas1 down-regulation in mitogenic stimulation of quiescent NIH3T3 cells by v-Src. <i>Oncogene</i> , 1998, 17, 1629-1638. | 5.9 | 18 |
| 64 | cDNA Characterization and Chromosome Mapping of the Human GAS2 Gene. <i>Genomics</i> , 1998, 48, 265-269. | 2.9 | 17 |
| 65 | GTSE1: a novel TEAD4-E2F1 target gene involved in cell protrusions formation in triple-negative breast cancer cell models. <i>Oncotarget</i> , 2017, 8, 67422-67438. | 1.8 | 17 |
| 66 | Susceptibility to p53 dependent apoptosis correlates with increased levels of Gas2 and Gas3 proteins. <i>Cell Death and Differentiation</i> , 1997, 4, 247-253. | 11.2 | 16 |
| 67 | DNA damage response links calpain to cellular senescence. <i>Cell Cycle</i> , 2010, 9, 755-760. | 2.6 | 16 |
| 68 | Specific Mesothelial Signature Marks the Heterogeneity of Mesenchymal Stem Cells From High-Grade Serous Ovarian Cancer. <i>Stem Cells</i> , 2014, 32, 2998-3011. | 3.2 | 16 |
| 69 | A simple discontinuous buffer system for increased resolution and speed in gel electrophoretic analysis of DNA sequence. <i>Nucleic Acids Research</i> , 1990, 18, 204-204. | 14.5 | 15 |
| 70 | Thromboxane Governs the Differentiation of Adipose-Derived Stromal Cells Toward Endothelial Cells In Vitro and In Vivo. <i>Circulation Research</i> , 2016, 118, 1194-1207. | 4.5 | 14 |
| 71 | A discontinuous buffer system increasing resolution and reproducibility in DNA sequencing on high voltage horizontal ultrathin-layer electrophoresis. <i>Electrophoresis</i> , 1995, 16, 1836-1845. | 2.4 | 13 |
| 72 | Assignment of the HumanGAS6Gene to Chromosome 13q34 by Fluorescencein SituHybridization. <i>Genomics</i> , 1995, 30, 129-131. | 2.9 | 13 |

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|----|--|------|-----------|
| 73 | Identification and tissue expression of a splice variant for the growth arrest-specific gene gas6. FEBS Letters, 1997, 415, 56-58. | 2.8 | 12 |
| 74 | A simple and fast method for preparing single stranded DNA template suitable for sequencing. Nucleic Acids Research, 1987, 15, 10047-10047. | 14.5 | 11 |
| 75 | Cloning and characterization of the C. elegans gas1 homolog: phas-1. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2002, 1574, 1-9. | 2.4 | 11 |
| 76 | Calpain mobilizes Atg9/Bif-1 vesicles from Golgi stacks upon autophagy induction by thapsigargin. Biology Open, 2017, 6, 551-562. | 1.2 | 11 |
| 77 | Functional interaction between co-expressed MAGE-A proteins. PLoS ONE, 2017, 12, e0178370. | 2.5 | 11 |
| 78 | CELL-SURFACE STRUCTURES INVOLVED IN HAEMOPOIETIC CELL DIFFERENTIATION AND PROLIFERATION. British Medical Bulletin, 1984, 40, 224-228. | 6.9 | 10 |
| 79 | Expression of the tumor-expressed protein MageB2 enhances rRNA transcription. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119015. | 4.1 | 3 |
| 80 | LNCIB human full-length cDNAs collection: towards a better comprehension of the human transcriptome. Comptes Rendus - Biologies, 2003, 326, 967-970. | 0.2 | 2 |
| 81 | Negative Regulation of Cell Growth. , 1989, , 101-110. | | 0 |
| 82 | Homeostatic Mechanisms Governing the Go Phase as Defined by the gas Genes. , 1996, , 201-214. | | 0 |