

Cristiano Simone

List of Publications by Year in descending order

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71
papers

13,585
citations

109321

35
h-index

95266

68
g-index

71
all docs

71
docs citations

71
times ranked

26974
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 9.1 | 3,122 |
| 3 | 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 |
| 4 | p38 pathway targets SWI-SNF chromatin-remodeling complex to muscle-specific loci. <i>Nature Genetics</i> , 2004, 36, 738-743. | 21.4 | 364 |
| 5 | Physical and Functional HAT/HDAC Interplay Regulates Protein Acetylation Balance. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-10. | 3.0 | 275 |
| 6 | Deacetylase Inhibitors Increase Muscle Cell Size by Promoting Myoblast Recruitment and Fusion through Induction of Follistatin. <i>Developmental Cell</i> , 2004, 6, 673-684. | 7.0 | 214 |
| 7 | p38 ^{MAPK} pathway: A key factor in colorectal cancer therapy and chemoresistance. <i>World Journal of Gastroenterology</i> , 2014, 20, 9744. | 3.3 | 181 |
| 8 | Functional Interdependence at the Chromatin Level between the MKK6/p38 and IGF1/PI3K/AKT Pathways during Muscle Differentiation. <i>Molecular Cell</i> , 2007, 28, 200-213. | 9.7 | 174 |
| 9 | The AMPK-FoxO3A axis as a target for cancer treatment. <i>Cell Cycle</i> , 2010, 9, 1091-1096. | 2.6 | 154 |
| 10 | Integrated multi-omics characterization reveals a distinctive metabolic signature and the role of NDUFA4L2 in promoting angiogenesis, chemoresistance, and mitochondrial dysfunction in clear cell renal cell carcinoma. <i>Aging</i> , 2018, 10, 3957-3985. | 3.1 | 133 |
| 11 | FOXO3a from the Nucleus to the Mitochondria: A Round Trip in Cellular Stress Response. <i>Cells</i> , 2019, 8, 1110. | 4.1 | 131 |
| 12 | A novel cell type-specific role of p38 ^{MAPK} in the control of autophagy and cell death in colorectal cancer cells. <i>Cell Death and Differentiation</i> , 2007, 14, 693-702. | 11.2 | 130 |
| 13 | p38 ^{MAPK} blockade inhibits colorectal cancer growth in vivo by inducing a switch from HIF1 ^α - to FoxO-dependent transcription. <i>Cell Death and Differentiation</i> , 2009, 16, 1203-1214. | 11.2 | 111 |
| 14 | Activation of MyoD-dependent transcription by cdk9/cyclin T2. <i>Oncogene</i> , 2002, 21, 4137-4148. | 5.9 | 106 |
| 15 | pRb: master of differentiation. Coupling irreversible cell cycle withdrawal with induction of muscle-specific transcription. <i>Oncogene</i> , 2006, 25, 5244-5249. | 5.9 | 97 |
| 16 | A SMYD3 Small Molecule Inhibitor Impairing Cancer Cell Growth. <i>Journal of Cellular Physiology</i> , 2015, 230, 2447-2460. | 4.1 | 95 |
| 17 | SWI/SNF: The crossroads where extracellular signaling pathways meet chromatin. <i>Journal of Cellular Physiology</i> , 2006, 207, 309-314. | 4.1 | 87 |
| 18 | A novel AMPK-dependent FoxO3A-SIRT3 intramitochondrial complex sensing glucose levels. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2015-2029. | 5.4 | 85 |

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|----|--|------|-----------|
| 19 | Inhibition of p38 β unveils an AMPK-FoxO3A axis linking autophagy to cancer-specific metabolism. <i>Autophagy</i> , 2009, 5, 1030-1033. | 9.1 | 72 |
| 20 | Molecular and Functional Characterization of Three Different Postzygotic Mutations in PIK3CA-Related Overgrowth Spectrum (PROS) Patients: Effects on PI3K/AKT/mTOR Signaling and Sensitivity to PIK3 Inhibitors. <i>PLoS ONE</i> , 2015, 10, e0123092. | 2.5 | 72 |
| 21 | Physical interaction between pRb and cdk9/cyclinT2 complex. <i>Oncogene</i> , 2002, 21, 4158-4165. | 5.9 | 66 |
| 22 | Differentiation-Induced Radioresistance in Muscle Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 6350-6361. | 2.3 | 66 |
| 23 | In vitro efficacy of ARQ 092, an allosteric AKT inhibitor, on primary fibroblast cells derived from patients with PIK3CA-related overgrowth spectrum (PROS). <i>Neurogenetics</i> , 2018, 19, 77-91. | 1.4 | 65 |
| 24 | Metabolomic profiling for the identification of novel diagnostic markers in prostate cancer. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1211-1224. | 3.1 | 57 |
| 25 | The longevity SNP rs2802292 uncovered: HSF1 activates stress-dependent expression of FOXO3 through an intronic enhancer. <i>Nucleic Acids Research</i> , 2018, 46, 5587-5600. | 14.5 | 54 |
| 26 | MyoD recruits the cdk9/cyclin T2 complex on Myogenic-genes regulatory regions. <i>Journal of Cellular Physiology</i> , 2006, 206, 807-813. | 4.1 | 51 |
| 27 | A homozygous frameshift mutation in the ESCO2 gene: Evidence of intertissue and interindividual variation in Nmd efficiency. <i>Journal of Cellular Physiology</i> , 2006, 209, 67-73. | 4.1 | 48 |
| 28 | Targeted therapy against chemoresistant colorectal cancers: Inhibition of p38 β modulates the effect of cisplatin in vitro and in vivo through the tumor suppressor FoxO3A. <i>Cancer Letters</i> , 2014, 344, 110-118. | 7.2 | 45 |
| 29 | SMYD3: An Oncogenic Driver Targeting Epigenetic Regulation and Signaling Pathways. <i>Cancers</i> , 2020, 12, 142. | 3.7 | 44 |
| 30 | Clinical and Functional Characterization of a Novel Mutation in Lamin A/C Gene in a Multigenerational Family with Arrhythmogenic Cardiac Laminopathy. <i>PLoS ONE</i> , 2015, 10, e0121723. | 2.5 | 43 |
| 31 | FOXO3 on the Road to Longevity: Lessons From SNPs and Chromatin Hubs. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 737-745. | 4.1 | 43 |
| 32 | Signal-Dependent Control of Autophagy and Cell Death in Colorectal Cancer Cell: The Role of the p38 Pathway. <i>Autophagy</i> , 2007, 3, 468-471. | 9.1 | 41 |
| 33 | Blocking p38/ERK crosstalk affects colorectal cancer growth by inducing apoptosis in vitro and in preclinical mouse models. <i>Cancer Letters</i> , 2012, 324, 98-108. | 7.2 | 41 |
| 34 | Signal-dependent regulation of gene expression as a target for cancer treatment: Inhibiting p38 β in colorectal tumors. <i>Cancer Letters</i> , 2008, 265, 16-26. | 7.2 | 39 |
| 35 | SMYD3-mediated lysine methylation in the PH domain is critical for activation of AKT1. <i>Oncotarget</i> , 2016, 7, 75023-75037. | 1.8 | 39 |
| 36 | p38 β Is Required for Ovarian Cancer Cell Metabolism and Survival. <i>International Journal of Gynecological Cancer</i> , 2010, 20, 203-211. | 2.5 | 34 |

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|----|--|------|-----------|
| 37 | Deacetylase recruitment by the C/H3 domain of the acetyltransferase p300. <i>Oncogene</i> , 2004, 23, 2177-2187. | 5.9 | 33 |
| 38 | Uncoupling FoxO3A mitochondrial and nuclear functions in cancer cells undergoing metabolic stress and chemotherapy. <i>Cell Death and Disease</i> , 2018, 9, 231. | 6.3 | 33 |
| 39 | Porous silicon surfaces – A candidate substrate for reverse protein arrays in cancer biomarker detection. <i>Electrophoresis</i> , 2007, 28, 4407-4415. | 2.4 | 32 |
| 40 | Loss of STK11 expression is an early event in prostate carcinogenesis and predicts therapeutic response to targeted therapy against MAPK/p38. <i>Autophagy</i> , 2015, 11, 2102-2113. | 9.1 | 27 |
| 41 | Tumor-specific hyperactive low-molecular-weight cyclin E isoform detection and characterization in non-metastatic colorectal tumors. <i>Cancer Biology and Therapy</i> , 2006, 5, 198-203. | 3.4 | 26 |
| 42 | Abrogation of signal-dependent activation of the cdk9/cyclin T2a complex in human RD rhabdomyosarcoma cells. <i>Cell Death and Differentiation</i> , 2007, 14, 192-195. | 11.2 | 24 |
| 43 | Identification of murine cdk10: Association with Ets2 transcription factor and effects on the cell cycle. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 978-985. | 2.6 | 23 |
| 44 | Sorafenib inhibits p38 β activity in colorectal cancer cells and synergizes with the DFG-in inhibitor SB202190 to increase apoptotic response. <i>Cancer Biology and Therapy</i> , 2012, 13, 1471-1481. | 3.4 | 22 |
| 45 | Chasing the FOXO3: Insights into Its New Mitochondrial Lair in Colorectal Cancer Landscape. <i>Cancers</i> , 2019, 11, 414. | 3.7 | 19 |
| 46 | Cdk9 β : A new player in muscle regeneration. <i>Journal of Cellular Physiology</i> , 2008, 216, 576-582. | 4.1 | 18 |
| 47 | Novel splice isoforms of STRAD β differentially affect LKB1 activity, complex assembly and subcellular localization.. <i>Cancer Biology and Therapy</i> , 2007, 6, 1627-1631. | 3.4 | 16 |
| 48 | Targeting SMYD3 to Sensitize Homologous Recombination-Proficient Tumors to PARP-Mediated Synthetic Lethality. <i>IScience</i> , 2020, 23, 101604. | 4.1 | 14 |
| 49 | New insight in cdk9 function: from Tat to MyoD. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, d1073. | 3.0 | 13 |
| 50 | Cyclin E and chromosome instability in colorectal cancer cell lines. <i>Journal of Clinical Pathology</i> , 2002, 55, 200-203. | 1.9 | 13 |
| 51 | Gastric polyposis and desmoid tumours as a new familial adenomatous polyposis clinical variant associated with APC mutation at the extreme 3' end. <i>Journal of Medical Genetics</i> , 2020, 57, 356-360. | 3.2 | 12 |
| 52 | From Genetics to Histomolecular Characterization: An Insight into Colorectal Carcinogenesis in Lynch Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6767. | 4.1 | 12 |
| 53 | Characterization of the rs2802292 SNP identifies FOXO3A as a modifier locus predicting cancer risk in patients with PJS and PHTS hamartomatous polyposis syndromes. <i>BMC Cancer</i> , 2014, 14, 661. | 2.6 | 11 |
| 54 | Germline pathogenic variant in <i>PIK3CA</i> leading to symmetrical overgrowth with marked macrocephaly and mild global developmental delay. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e845. | 1.2 | 11 |

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|----|--|-----|-----------|
| 55 | Pharmacological targeting of the novel β -catenin chromatin-associated kinase p38 β in colorectal cancer stem cell tumorspheres and organoids. <i>Cell Death and Disease</i> , 2021, 12, 316. | 6.3 | 11 |
| 56 | Updates from the Intestinal Front Line: Autophagic Weapons against Inflammation and Cancer. <i>Cells</i> , 2012, 1, 535-557. | 4.1 | 10 |
| 57 | Discovery of an Allosteric Ligand Binding Site in SMYD3 Lysine Methyltransferase. <i>ChemBioChem</i> , 2021, 22, 1597-1608. | 2.6 | 8 |
| 58 | Playing on the Dark Side: SMYD3 Acts as a Cancer Genome Keeper in Gastrointestinal Malignancies. <i>Cancers</i> , 2021, 13, 4427. | 3.7 | 7 |
| 59 | CD90 is regulated by notch1 and hallmarks a more aggressive intrahepatic cholangiocarcinoma phenotype. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 65. | 8.6 | 7 |
| 60 | Special Agents Hunting Down Women Silent Killer: The Emerging Role of the p38 β Kinase. <i>Journal of Oncology</i> , 2012, 2012, 1-7. | 1.3 | 6 |
| 61 | A rare MSH2 mutation causes defective binding to hMSH6, normal hMSH2 staining, and loss of hMSH6 at advanced cancer stage. <i>Human Pathology</i> , 2014, 45, 2162-2167. | 2.0 | 6 |
| 62 | Characterization of a rare variant (c.2635-2A>G) of the <i>MSH2</i> gene in a family with Lynch syndrome. <i>International Journal of Biological Markers</i> , 2018, 33, 534-539. | 1.8 | 6 |
| 63 | Identifying novel SMYD3 interactors on the trail of cancer hallmarks. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1860-1875. | 4.1 | 6 |
| 64 | Chapter 15 Signal-Dependent Control of Autophagy-Related Gene Expression. <i>Methods in Enzymology</i> , 2009, 453, 305-324. | 1.0 | 4 |
| 65 | A novel STK11 gene mutation (c.388dupG, p.Glu130Glyfs*33) in a Peutz-Jeghers family and evidence of higher gastric cancer susceptibility associated with alterations in STK11 region aa 107-170. <i>Genes and Diseases</i> , 2022, 9, 288-291. | 3.4 | 4 |
| 66 | Spectrum of Germline Pathogenic Variants in BRCA1/2 Genes in the Apulian Southern Italy Population: Geographic Distribution and Evidence for Targeted Genetic Testing. <i>Cancers</i> , 2021, 13, 4714. | 3.7 | 3 |
| 67 | APC Splicing Mutations Leading to In-Frame Exon 12 or Exon 13 Skipping Are Rare Events in FAP Pathogenesis and Define the Clinical Outcome. <i>Genes</i> , 2021, 12, 353. | 2.4 | 2 |
| 68 | Functional evidence of <i>mTOR1</i> splice variant involvement in the pathogenesis of congenital heart defects. <i>Clinical Genetics</i> , 2021, 99, 425-429. | 2.0 | 1 |
| 69 | Correspondence on "Clinical spectrum of MTOR-related hypomelanosis of Ito with neurodevelopmental abnormalities," by Carmignac et al.. <i>Genetics in Medicine</i> , 2021, 23, 2223-2224. | 2.4 | 1 |
| 70 | Targeting SMYD3 to Sensitize Homologous Recombination-Proficient Tumors to PARP-Mediated Synthetic Lethality. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 71 | Identification and Somatic Characterization of the Germline PTEN Promoter Variant rs34149102 in a Family with Gastrointestinal and Breast Tumors. <i>Genes</i> , 2022, 13, 644. | 2.4 | 0 |