

Daniele Guardavaccaro

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

6,562
citations

172457

29
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

9980
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Lgr5 homologues associate with Wnt receptors and mediate R-spondin signalling. <i>Nature</i> , 2011, 476, 293-297. | 27.8 | 1,096 |
| 2 | S6K1- and $\hat{\text{A}}\text{TRCP}$ -Mediated Degradation of PDCD4 Promotes Protein Translation and Cell Growth. <i>Science</i> , 2006, 314, 467-471. | 12.6 | 637 |
| 3 | Control of the SCFSkp2 $\hat{\text{A}}$ Cks1 ubiquitin ligase by the APC/CCdh1 ubiquitin ligase. <i>Nature</i> , 2004, 428, 190-193. | 27.8 | 457 |
| 4 | Degradation of Cdc25A by $\hat{\text{I}}^2\text{-TrCP}$ during S phase and in response to DNA damage. <i>Nature</i> , 2003, 426, 87-91. | 27.8 | 418 |
| 5 | The Cdc14B-Cdh1-Plk1 Axis Controls the G2 DNA-Damage-Response Checkpoint. <i>Cell</i> , 2008, 134, 256-267. | 28.9 | 365 |
| 6 | Control of Meiotic and Mitotic Progression by the F Box Protein $\hat{\text{I}}^2\text{-Trcp1}$ In Vivo. <i>Developmental Cell</i> , 2003, 4, 799-812. | 7.0 | 346 |
| 7 | Degradation of Id2 by the anaphase-promoting complex couples cell cycle exit and axonal growth. <i>Nature</i> , 2006, 442, 471-474. | 27.8 | 270 |
| 8 | SCF $\hat{\text{I}}^2\text{TrCP}$ -Mediated Degradation of Claspin Regulates Recovery from the DNA Replication Checkpoint Response. <i>Molecular Cell</i> , 2006, 23, 319-329. | 9.7 | 264 |
| 9 | JHDM1B/FBXL10 is a nucleolar protein that represses transcription of ribosomal RNA genes. <i>Nature</i> , 2007, 450, 309-313. | 27.8 | 259 |
| 10 | The HECT-domain ubiquitin ligase Huwe1 controls neural differentiation and proliferation by destabilizing the N-Myc oncoprotein. <i>Nature Cell Biology</i> , 2008, 10, 643-653. | 10.3 | 234 |
| 11 | Arrest of G ₁ -S Progression by the p53-Inducible Gene <i>PC3</i> Is Rb Dependent and Relies on the Inhibition of Cyclin D1 Transcription. <i>Molecular and Cellular Biology</i> , 2000, 20, 1797-1815. | 2.3 | 206 |
| 12 | APC/CCdc20 Controls the Ubiquitin-Mediated Degradation of p21 in Prometaphase. <i>Molecular Cell</i> , 2007, 27, 462-473. | 9.7 | 181 |
| 13 | Control of chromosome stability by the $\hat{\text{I}}^2\text{-TrCP}$ $\hat{\text{A}}$ REST $\hat{\text{A}}$ Mad2 axis. <i>Nature</i> , 2008, 452, 365-369. | 27.8 | 181 |
| 14 | Human Papillomavirus (HPV) Upregulates the Cellular Deubiquitinase UCHL1 to Suppress the Keratinocyte's Innate Immune Response. <i>PLoS Pathogens</i> , 2013, 9, e1003384. | 4.7 | 164 |
| 15 | $\hat{\text{I}}^2\text{TrCP}$ - and Rsk1/2-Mediated Degradation of BimEL Inhibits Apoptosis. <i>Molecular Cell</i> , 2009, 33, 109-116. | 9.7 | 157 |
| 16 | Rac1 accumulates in the nucleus during the G2 phase of the cell cycle and promotes cell division. <i>Journal of Cell Biology</i> , 2008, 181, 485-496. | 5.2 | 153 |
| 17 | KDM2A represses transcription of centromeric satellite repeats and maintains the heterochromatic state. <i>Cell Cycle</i> , 2008, 7, 3539-3547. | 2.6 | 125 |
| 18 | Stabilizers and Destabilizers Controlling Cell Cycle Oscillators. <i>Molecular Cell</i> , 2006, 22, 1-4. | 9.7 | 112 |

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|----|--|------|-----------|
| 19 | Role of F-Box Protein \hat{I}^2 Trcp1 in Mammary Gland Development and Tumorigenesis. <i>Molecular and Cellular Biology</i> , 2004, 24, 8184-8194. | 2.3 | 81 |
| 20 | Coupled Activation and Degradation of eEF2K Regulates Protein Synthesis in Response to Genotoxic Stress. <i>Science Signaling</i> , 2012, 5, ra40. | 3.6 | 76 |
| 21 | Oncogenic aberrations of cullin-dependent ubiquitin ligases. <i>Oncogene</i> , 2004, 23, 2037-2049. | 5.9 | 75 |
| 22 | DRE-1: An Evolutionarily Conserved F Box Protein that Regulates <i>C. elegans</i> Developmental Age. <i>Developmental Cell</i> , 2007, 12, 443-455. | 7.0 | 61 |
| 23 | Wnt/ \hat{I}^2 -Catenin and MAPK Signaling: Allies and Enemies in Different Battlefields. <i>Science Signaling</i> , 2012, 5, pe15. | 3.6 | 58 |
| 24 | Itch/ \hat{I}^2 -arrestin2-dependent non-proteolytic ubiquitylation of SuFu controls Hedgehog signalling and medulloblastoma tumorigenesis. <i>Nature Communications</i> , 2018, 9, 976. | 12.8 | 53 |
| 25 | A systems-wide screen identifies substrates of the SCF \hat{I}^2 TrCP ubiquitin ligase. <i>Science Signaling</i> , 2014, 7, rs8. | 3.6 | 49 |
| 26 | PC3 potentiates NGF-induced differentiation and protects neurons from apoptosis. <i>NeuroReport</i> , 2002, 13, 417-422. | 1.2 | 47 |
| 27 | Cyclin F-dependent degradation of E2F7 is critical for DNA repair and G2 phase progression. <i>EMBO Journal</i> , 2019, 38, e101430. | 7.8 | 38 |
| 28 | \hat{I}^2 -TrCP- and Casein Kinase II-Mediated Degradation of Cyclin F Controls Timely Mitotic Progression. <i>Cell Reports</i> , 2018, 24, 3404-3412. | 6.4 | 37 |
| 29 | ERAP1 promotes Hedgehog-dependent tumorigenesis by controlling USP47-mediated degradation of \hat{I}^2 TrCP. <i>Nature Communications</i> , 2019, 10, 3304. | 12.8 | 35 |
| 30 | Skp2 Contains a Novel Cyclin A Binding Domain That Directly Protects Cyclin A from Inhibition by p27Kip1. <i>Journal of Biological Chemistry</i> , 2006, 281, 24058-24069. | 3.4 | 32 |
| 31 | Cloning of the Human Interferon-Related Developmental Regulator (IFRD1) Gene Coding for the PC4 Protein, a Member of a Novel Family of Developmentally Regulated Genes. <i>Genomics</i> , 1998, 51, 233-242. | 2.9 | 30 |
| 32 | Control of Epithelial Cell Migration and Invasion by the IKK \hat{I}^2 - and CK1 \hat{I}^2 -Mediated Degradation of RAPGEF2. <i>Developmental Cell</i> , 2013, 27, 574-585. | 7.0 | 30 |
| 33 | USP17- and SCF \hat{I}^2 TrCP-Regulated Degradation of DEC1 Controls the DNA Damage Response. <i>Molecular and Cellular Biology</i> , 2014, 34, 4177-4185. | 2.3 | 30 |
| 34 | APC/C \hat{I}^2 controls the proteasome-mediated degradation of E2F3 during cell cycle exit. <i>Cell Cycle</i> , 2012, 11, 1999-2005. | 2.6 | 27 |
| 35 | Proteasome-dependent Degradation of Transcription Factor Activating Enhancer-binding Protein 4 (TFAP4) Controls Mitotic Division. <i>Journal of Biological Chemistry</i> , 2014, 289, 7730-7737. | 3.4 | 25 |
| 36 | Unraveling the ubiquitin-regulated signaling networks by mass spectrometry-based proteomics. <i>Proteomics</i> , 2013, 13, 526-537. | 2.2 | 24 |

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|----|---|------|-----------|
| 37 | KCTD15 inhibits the Hedgehog pathway in Medulloblastoma cells by increasing protein levels of the oncosuppressor KCASH2. <i>Oncogenesis</i> , 2019, 8, 64. | 4.9 | 21 |
| 38 | Nodal Signaling Range Is Regulated by Proprotein Convertase-Mediated Maturation. <i>Developmental Cell</i> , 2015, 32, 631-639. | 7.0 | 17 |
| 39 | Essential Role for the d-Asb11 cul5 Box Domain for Proper Notch Signaling and Neural Cell Fate Decisions In Vivo. <i>PLoS ONE</i> , 2010, 5, e14023. | 2.5 | 16 |
| 40 | <i>asb11</i> Is a Regulator of Embryonic and Adult Regenerative Myogenesis. <i>Stem Cells and Development</i> , 2012, 21, 3091-3103. | 2.1 | 14 |
| 41 | Degradation of Tiam1 by Casein Kinase 1 and the SCF ^{Î²} TrCP Ubiquitin Ligase Controls the Duration of mTOR-S6K Signaling. <i>Journal of Biological Chemistry</i> , 2014, 289, 27400-27409. | 3.4 | 14 |
| 42 | Inheritance of the Golgi Apparatus and Cytokinesis Are Controlled by Degradation of GBF1. <i>Cell Reports</i> , 2018, 23, 3381-3391.e4. | 6.4 | 13 |
| 43 | Ubiquitylation of the ER-Shaping Protein Lunapark via the CRL3KLHL12 Ubiquitin Ligase Complex. <i>Cell Reports</i> , 2020, 31, 107664. | 6.4 | 12 |
| 44 | Depletion of Trichoplein (TpMs) Causes Chromosome Mis-Segregation, DNA Damage and Chromosome Instability in Cancer Cells. <i>Cancers</i> , 2020, 12, 993. | 3.7 | 7 |
| 45 | Enantioselective Cytotoxicity of Chiral Diphosphine Ruthenium(II) Complexes Against Cancer Cells. <i>Chemistry - A European Journal</i> , 2022, , . | 3.3 | 7 |
| 46 | Phosphatidic acid-dependent localization and basal de-phosphorylation of RA-GEFs regulate lymphocyte trafficking. <i>BMC Biology</i> , 2020, 18, 75. | 3.8 | 6 |
| 47 | Two paths to let the replisome go. <i>Cell Death and Differentiation</i> , 2017, 24, 1140-1141. | 11.2 | 2 |
| 48 | Datasets from an interaction proteomics screen for substrates of the SCF ^{Î²} TrCP ubiquitin ligase. <i>Data in Brief</i> , 2015, 4, 229-234. | 1.0 | 0 |
| 49 | -TrCP and Casein Kinase III Mediated Degradation of Cyclin F Controls Timely Mitotic Entry. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |