

Gustavo J Gutierrez

List of Publications by Year in descending order

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26
papers

826
citations

567281

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580821

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27
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docs citations

27
times ranked

1470
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Probing the lithium-response pathway in hiPSCs implicates the phosphoregulatory set-point for a cytoskeletal modulator in bipolar pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4462-E4471. | 7.1 | 129 |
| 2 | Identification and Initial Characterization of Three Novel Cyclin-related Proteins of the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 39839-39850. | 3.4 | 69 |
| 3 | Par-1 regulates stability of the posterior determinant Oskar by phosphorylation. <i>Nature Cell Biology</i> , 2002, 4, 337-342. | 10.3 | 66 |
| 4 | JNK-mediated Phosphorylation of Cdc25C Regulates Cell Cycle Entry and G2/M DNA Damage Checkpoint. <i>Journal of Biological Chemistry</i> , 2010, 285, 14217-14228. | 3.4 | 65 |
| 5 | Ubiquitin-recognition protein Ufd1 couples the endoplasmic reticulum (ER) stress response to cell cycle control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9119-9124. | 7.1 | 62 |
| 6 | Degradation of Newly Synthesized Polypeptides by Ribosome-Associated RACK1/c-Jun N-Terminal Kinase/Eukaryotic Elongation Factor 1A2 Complex. <i>Molecular and Cellular Biology</i> , 2013, 33, 2510-2526. | 2.3 | 58 |
| 7 | Ubiquitin and SUMO systems in the regulation of mitotic checkpoints. <i>Trends in Biochemical Sciences</i> , 2006, 31, 324-332. | 7.5 | 54 |
| 8 | Interplay between Cdh1 and JNK activity during the cell cycle. <i>Nature Cell Biology</i> , 2010, 12, 686-695. | 10.3 | 50 |
| 9 | Meiotic regulation of the CDK activator RINGO/Speedy by ubiquitin-proteasome-mediated processing and degradation. <i>Nature Cell Biology</i> , 2006, 8, 1084-1094. | 10.3 | 46 |
| 10 | Control of p53 multimerization by Ubc13 is JNK-regulated. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12676-12681. | 7.1 | 44 |
| 11 | Quantitative Analysis of Human Pluripotency and Neural Specification by In-Depth (Phospho)Proteomic Profiling. <i>Stem Cell Reports</i> , 2016, 7, 527-542. | 4.8 | 31 |
| 12 | Histone H3 phosphorylation during <i>Xenopus</i> oocyte maturation: regulation by the MAP kinase/p90Rsk pathway and uncoupling from DNA condensation. <i>FEBS Letters</i> , 2002, 518, 23-28. | 2.8 | 25 |
| 13 | The C Terminus of the Metabotropic Glutamate Receptor Subtypes 2 and 7 Specifies the Receptor Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2001, 276, 45800-45805. | 3.4 | 22 |
| 14 | Multiple phosphorylation events control mitotic degradation of the muscle transcription factor Myf5. <i>BMC Biochemistry</i> , 2005, 6, 27. | 4.4 | 20 |
| 15 | USP13 controls the stability of Aurora B impacting progression through the cell cycle. <i>Oncogene</i> , 2020, 39, 6009-6023. | 5.9 | 18 |
| 16 | Autophosphorylation Properties of Inactive and Active JNK2. <i>Cell Cycle</i> , 2007, 6, 1762-1771. | 2.6 | 15 |
| 17 | Targeting USP13-mediated drug tolerance increases the efficacy of EGFR inhibition of mutant EGFR in non-small cell lung cancer. <i>International Journal of Cancer</i> , 2021, 148, 2579-2593. | 5.1 | 15 |
| 18 | Phosphorylation of the acyl-CoA binding pocket of the FadR transcription regulator in <i>Sulfolobus acidocaldarius</i> . <i>Biochimie</i> , 2020, 175, 120-124. | 2.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The Anaphase-Promoting Complex or Cyclosome Supports Cell Survival in Response to Endoplasmic Reticulum Stress. PLoS ONE, 2012, 7, e35520. | 2.5 | 7 |
| 20 | Polycomb group RING finger protein 5 influences several developmental signaling pathways during the in vitro differentiation of mouse embryonic stem cells. Development Growth and Differentiation, 2020, 62, 232-242. | 1.5 | 5 |
| 21 | Detection and Analysis of Cell Cycle-Associated APC/C-Mediated Cellular Ubiquitylation In Vitro and In Vivo. Methods in Molecular Biology, 2016, 1449, 251-265. | 0.9 | 4 |
| 22 | UnCHKed DNA replication. Cell Cycle, 2012, 11, 3917-3918. | 2.6 | 3 |
| 23 | Structure-Activity Relationship (SAR) Study of Spautin-1 to Entail the Discovery of Novel NEK4 Inhibitors. International Journal of Molecular Sciences, 2021, 22, 635. | 4.1 | 3 |
| 24 | USP13 modulates the stability of the APC/C adaptor CDH1. Molecular Biology Reports, 2022, 49, 4079-4087. | 2.3 | 3 |
| 25 | The EGFR-STYK1-FGF1 axis sustains functional drug tolerance to EGFR inhibitors in EGFR-mutant non-small cell lung cancer. Cell Death and Disease, 2022, 13, . | 6.3 | 3 |
| 26 | Detection and Analysis of SUMOylation Substrates In Vitro and In Vivo. Methods in Molecular Biology, 2016, 1449, 267-278. | 0.9 | 0 |