

Richard G Gardner

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,712
citations

279798

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265206

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46
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docs citations

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times ranked

2724
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Acute ethanol stress induces sumoylation of conserved chromatin structural proteins in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2021, 32, 1121-1133. | 2.1 | 5 |
| 2 | The San1 Ubiquitin Ligase Avidly Recognizes Misfolded Proteins through Multiple Substrate Binding Sites. <i>Biomolecules</i> , 2021, 11, 1619. | 4.0 | 5 |
| 3 | The extent of Ssa1/Ssa2 Hsp70 chaperone involvement in nuclear protein quality control degradation varies with the substrate. <i>Molecular Biology of the Cell</i> , 2020, 31, 221-233. | 2.1 | 18 |
| 4 | Osmolyte accumulation regulates the SUMOylation and inclusion dynamics of the prionogenic Cyc8-Tup1 transcription corepressor. <i>PLoS Genetics</i> , 2019, 15, e1008115. | 3.5 | 11 |
| 5 | Sex-dependent behavioral impairments in the HdhQ350/+ mouse line. <i>Behavioural Brain Research</i> , 2018, 337, 34-45. | 2.2 | 10 |
| 6 | Integrated Proteogenomic Approach for Identifying Degradation Motifs in Eukaryotic Cells. <i>Methods in Molecular Biology</i> , 2018, 1844, 121-136. | 0.9 | 1 |
| 7 | Protein Quality Control Degradation in the Nucleus. <i>Annual Review of Biochemistry</i> , 2018, 87, 725-749. | 11.1 | 60 |
| 8 | From Precise Slicing to General SHREDDing: The Ubiquitin Ligase Ubr1 Roqs as a Multipurpose Protein Terminator. <i>Molecular Cell</i> , 2018, 70, 989-990. | 9.7 | 1 |
| 9 | Structure of the Shroom-Rho Kinase Complex Reveals a Binding Interface with Monomeric Shroom That Regulates Cell Morphology and Stimulates Kinase Activity. <i>Journal of Biological Chemistry</i> , 2016, 291, 25364-25374. | 3.4 | 19 |
| 10 | The San1 Ubiquitin Ligase Functions Preferentially with Ubiquitin-conjugating Enzyme Ubc1 during Protein Quality Control. <i>Journal of Biological Chemistry</i> , 2016, 291, 18778-18790. | 3.4 | 13 |
| 11 | Mapping the Landscape of a Eukaryotic Degronome. <i>Molecular Cell</i> , 2016, 63, 1055-1065. | 9.7 | 51 |
| 12 | Protein quality control in the nucleus. <i>Current Opinion in Cell Biology</i> , 2016, 40, 81-89. | 5.4 | 30 |
| 13 | Dynamic Sumoylation of a Conserved Transcription Corepressor Prevents Persistent Inclusion Formation during Hyperosmotic Stress. <i>PLoS Genetics</i> , 2016, 12, e1005809. | 3.5 | 17 |
| 14 | Rewiring MAP kinases in <i>Saccharomyces cerevisiae</i> to regulate novel targets through ubiquitination. <i>ELife</i> , 2016, 5, . | 6.0 | 11 |
| 15 | Digging for Buried Amino Acids Unearths New Protein Quality Control Treasure. <i>Structure</i> , 2015, 23, 1151-1152. | 3.3 | 0 |
| 16 | A Conserved Deubiquitinating Enzyme Uses Intrinsically Disordered Regions to Scaffold Multiple Protein Interaction Sites. <i>Journal of Biological Chemistry</i> , 2015, 290, 20601-20612. | 3.4 | 22 |
| 17 | Requirement for Cdc48/p97 in nuclear protein quality control degradation varies with the substrate and correlates with substrate insolubility. <i>Journal of Cell Science</i> , 2014, 127, 1980-91. | 2.0 | 46 |
| 18 | Cellular maintenance of nuclear protein homeostasis. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1865-1879. | 5.4 | 26 |

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|----|--|------|-----------|
| 19 | The Recruitment of the <i>Saccharomyces cerevisiae</i> Paf1 Complex to Active Genes Requires a Domain of Rtf1 That Directly Interacts with the Spt4-Spt5 Complex. <i>Molecular and Cellular Biology</i> , 2013, 33, 3259-3273. | 2.3 | 53 |
| 20 | Means of self-preservation: how an intrinsically disordered ubiquitin-protein ligase averts self-destruction. <i>Molecular Biology of the Cell</i> , 2013, 24, 1041-1052. | 2.1 | 25 |
| 21 | Substrate Recognition in Nuclear Protein Quality Control Degradation Is Governed by Exposed Hydrophobicity That Correlates with Aggregation and Insolubility. <i>Journal of Biological Chemistry</i> , 2013, 288, 6130-6139. | 3.4 | 46 |
| 22 | Physical and Genetic Associations of the Irc20 Ubiquitin Ligase with Cdc48 and SUMO. <i>PLoS ONE</i> , 2013, 8, e76424. | 2.5 | 7 |
| 23 | Cdc73 Subunit of Paf1 Complex Contains C-terminal Ras-like Domain That Promotes Association of Paf1 Complex with Chromatin. <i>Journal of Biological Chemistry</i> , 2012, 287, 10863-10875. | 3.4 | 50 |
| 24 | A Conserved Deubiquitinating Enzyme Controls Cell Growth by Regulating RNA Polymerase I Stability. <i>Cell Reports</i> , 2012, 2, 372-385. | 6.4 | 57 |
| 25 | Selective destruction of abnormal proteins by ubiquitin-mediated protein quality control degradation. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 530-537. | 5.0 | 57 |
| 26 | A yeast model for polyalanine-expansion aggregation and toxicity. <i>Molecular Biology of the Cell</i> , 2011, 22, 1971-1984. | 2.1 | 10 |
| 27 | Disorder Targets Misorder in Nuclear Quality Control Degradation: A Disordered Ubiquitin Ligase Directly Recognizes Its Misfolded Substrates. <i>Molecular Cell</i> , 2011, 41, 93-106. | 9.7 | 172 |
| 28 | How a disordered ubiquitin ligase maintains order in nuclear protein homeostasis. <i>Nucleus</i> , 2011, 2, 264-270. | 2.2 | 24 |
| 29 | Exposed hydrophobicity is a key determinant of nuclear quality control degradation. <i>Molecular Biology of the Cell</i> , 2011, 22, 2384-2395. | 2.1 | 86 |
| 30 | Cotrafficking of SV2 and Synaptotagmin at the Synapse. <i>Journal of Neuroscience</i> , 2010, 30, 5569-5578. | 3.6 | 145 |
| 31 | Î±-Dystrobrevin-1 recruits Î±-catulin to the Î± _{1D} -adrenergic receptor/dystrophin-associated protein complex signalosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21854-21859. | 7.1 | 33 |
| 32 | Ubp10/Dot4p Regulates the Persistence of Ubiquitinated Histone H2B: Distinct Roles in Telomeric Silencing and General Chromatin. <i>Molecular and Cellular Biology</i> , 2005, 25, 6123-6139. | 2.3 | 143 |
| 33 | Degradation-Mediated Protein Quality Control in the Nucleus. <i>Cell</i> , 2005, 120, 803-815. | 28.9 | 248 |
| 34 | Hrd1p/Der3p is a membrane-anchored ubiquitin ligase required for ER-associated degradation. <i>Nature Cell Biology</i> , 2001, 3, 24-29. | 10.3 | 427 |
| 35 | An Oxysterol-derived Positive Signal for 3-Hydroxy-3-methylglutaryl-CoA Reductase Degradation in Yeast. <i>Journal of Biological Chemistry</i> , 2001, 276, 8681-8694. | 3.4 | 48 |
| 36 | In Vivo Action of the HRD Ubiquitin Ligase Complex: Mechanisms of Endoplasmic Reticulum Quality Control and Sterol Regulation. <i>Molecular and Cellular Biology</i> , 2001, 21, 4276-4291. | 2.3 | 113 |

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|----|---|-----|-----------|
| 37 | Endoplasmic Reticulum Degradation Requires Lumen to Cytosol Signaling. <i>Journal of Cell Biology</i> , 2000, 151, 69-82. | 5.2 | 277 |
| 38 | HRD Gene Dependence of Endoplasmic Reticulum-associated Degradation. <i>Molecular Biology of the Cell</i> , 2000, 11, 1697-1708. | 2.1 | 100 |
| 39 | A Highly Conserved Signal Controls Degradation of 3-Hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA) Reductase in Eukaryotes. <i>Journal of Biological Chemistry</i> , 1999, 274, 31671-31678. | 3.4 | 128 |
| 40 | Sequence Determinants for Regulated Degradation of Yeast 3-Hydroxy-3-Methylglutaryl-CoA Reductase, an Integral Endoplasmic Reticulum Membrane Protein. <i>Molecular Biology of the Cell</i> , 1998, 9, 2611-2626. | 2.1 | 72 |
| 41 | A <i>Prevotella ruminicola</i> B 1 4 Operon Encoding Extracellular Polysaccharide Hydrolases. <i>Current Microbiology</i> , 1997, 35, 274-277. | 2.2 | 23 |
| 42 | The effect of carbohydrates on the expression of the <i>Prevotella ruminicola</i> 1,4- α -D-endoglucanase. <i>FEMS Microbiology Letters</i> , 1995, 125, 305-310. | 1.8 | 17 |