

Sabine Rospert

List of Publications by Year in descending order

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37
papers

2,389
citations

257450

24
h-index

315739

38
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all docs

41
docs citations

41
times ranked

2599
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyamines and eIF5A Hypusination Modulate Mitochondrial Respiration and Macrophage Activation. <i>Cell Metabolism</i> , 2019, 30, 352-363.e8.	16.2	223
2	The Yeast N ¹⁵ -Acetyltransferase NatA Is Quantitatively Anchored to the Ribosome and Interacts with Nascent Polypeptides. <i>Molecular and Cellular Biology</i> , 2003, 23, 7403-7414.	2.3	201
3	A functional chaperone triad on the yeast ribosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4209-4214.	7.1	149
4	Nascent Polypeptide-associated Complex Stimulates Protein Import into Yeast Mitochondria. <i>Molecular Biology of the Cell</i> , 1999, 10, 3289-3299.	2.1	145
5	Transcriptional activation of polycomb-repressed genes by ZRF1. <i>Nature</i> , 2010, 468, 1124-1128.	27.8	127
6	The chaperones MPP11 and Hsp70L1 form the mammalian ribosome-associated complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10064-10069.	7.1	121
7	Association of Protein Biogenesis Factors at the Yeast Ribosomal Tunnel Exit Is Affected by the Translational Status and Nascent Polypeptide Sequence*. <i>Journal of Biological Chemistry</i> , 2007, 282, 7809-7816.	3.4	116
8	A signal-anchor sequence stimulates signal recognition particle binding to ribosomes from inside the exit tunnel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1398-1403.	7.1	113
9	The Hsp70 Ssz1 modulates the function of the ribosome-associated J-protein Zuo1. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 497-504.	8.2	112
10	The Ribosome-Bound Chaperones RAC and Ssb1/2p Are Required for Accurate Translation in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2004, 24, 9186-9197.	2.3	87
11	Ribosome-associated Complex Binds to Ribosomes in Close Proximity of Rpl31 at the Exit of the Polypeptide Tunnel in Yeast. <i>Molecular Biology of the Cell</i> , 2008, 19, 5279-5288.	2.1	78
12	The Chaperone Network Connected to Human Ribosome-Associated Complex. <i>Molecular and Cellular Biology</i> , 2011, 31, 1160-1173.	2.3	77
13	Inefficient SRP Interaction with a Nascent Chain Triggers a mRNA Quality Control Pathway. <i>Cell</i> , 2014, 156, 146-157.	28.9	77
14	The ribosome-bound Hsp70 homolog Ssb of <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 662-672.	4.1	57
15	NAC functions as a modulator of SRP during the early steps of protein targeting to the endoplasmic reticulum. <i>Molecular Biology of the Cell</i> , 2012, 23, 3027-3040.	2.1	57
16	Two chaperones locked in an embrace: structure and function of the ribosome-associated complex RAC. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 611-619.	8.2	50
17	Interaction of the cotranslational Hsp70 Ssb with ribosomal proteins and rRNA depends on its lid domain. <i>Nature Communications</i> , 2016, 7, 13563.	12.8	49
18	Ribosome-Associated Complex and Ssb Are Required for Translational Repression Induced by Polylysine Segments within Nascent Chains. <i>Molecular and Cellular Biology</i> , 2012, 32, 4769-4779.	2.3	40

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19	Release Factor eRF3 Mediates Premature Translation Termination on Polylysine-Stalled Ribosomes in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2014, 34, 4062-4076.	2.3	40
20	Functional Characterization of the Atypical Hsp70 Subunit of Yeast Ribosome-associated Complex. <i>Journal of Biological Chemistry</i> , 2007, 282, 33977-33984.	3.4	38
21	The Hsp70 homolog Ssb is essential for glucose sensing via the SNF1 kinase network. <i>Genes and Development</i> , 2009, 23, 2102-2115.	5.9	36
22	Interaction of Nascent Chains with the Ribosomal Tunnel Proteins Rpl4, Rpl17, and Rpl39 of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 33697-33707.	3.4	35
23	A Targeted Analysis of Cellular Chaperones Reveals Contrasting Roles for Heat Shock Protein 70 in Flock House Virus RNA Replication. <i>Journal of Virology</i> , 2010, 84, 330-339.	3.4	30
24	Elongation Factor 1A Is the Target of Growth Inhibition in Yeast Caused by <i>Legionella pneumophila</i> Glucosyltransferase Lgt1. <i>Journal of Biological Chemistry</i> , 2012, 287, 26029-26037.	3.4	28
25	The Hsp70 homolog Ssb and the 14-3-3 protein Bmh1 jointly regulate transcription of glucose repressed genes in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2016, 44, 5629-5645.	14.5	25
26	Ribosome Function: Governing the Fate of a Nascent Polypeptide. <i>Current Biology</i> , 2004, 14, R386-R388.	3.9	24
27	The Hsp70 homolog Ssb affects ribosome biogenesis via the TORC1-Sch9 signaling pathway. <i>Nature Communications</i> , 2017, 8, 937.	12.8	22
28	The ribosome-associated complex RAC serves in a relay that directs nascent chains to Ssb. <i>Nature Communications</i> , 2020, 11, 1504.	12.8	21
29	Cotranslational Intersection between the SRP and GET Targeting Pathways to the Endoplasmic Reticulum of <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2016, 36, 2374-2383.	2.3	15
30	Ribosome-bound Get4/5 facilitates the capture of tail-anchored proteins by Sgt2 in yeast. <i>Nature Communications</i> , 2021, 12, 782.	12.8	14
31	Protein glutamylation is a yeast-specific posttranslational modification of elongation factor 1A. <i>Journal of Biological Chemistry</i> , 2017, 292, 16014-16023.	3.4	13
32	A dual role of the ribosome-bound chaperones RAC/Ssb in maintaining the fidelity of translation termination. <i>Nucleic Acids Research</i> , 2019, 47, 7018-7034.	14.5	12
33	Ribosomal Protein Rps26 Influences 80S Ribosome Assembly in <i>Saccharomyces cerevisiae</i> . <i>MSphere</i> , 2016, 1, .	2.9	11
34	The yeast Hsp70 homolog Ssb: a chaperone for general de novo protein folding and a nanny for specific intrinsically disordered protein domains. <i>Current Genetics</i> , 2017, 63, 9-13.	1.7	9
35	Distinct yet linked: chaperone networks in the eukaryotic cytosol. <i>Genome Biology</i> , 2006, 7, 208.	9.6	7
36	Quantitative proteomics identifies the universally conserved ATPase Ola1p as a positive regulator of heat shock response in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2021, 297, 101050.	3.4	6

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37	Molecular chaperones and intracellular protein transport. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 639-640.	4.1	1