

# Brigitte Pertschy

## List of Publications by Year in descending order

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27  
papers

1,267  
citations

394286

19  
h-index

526166

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1089  
citing authors

#	ARTICLE	IF	CITATIONS
1	The C-terminal tail of ribosomal protein Rps15 is engaged in cytoplasmic pre-40S maturation. RNA Biology, 2022, 19, 560-574.	1.5	2
2	RNA folding and functions of RNA helicases in ribosome biogenesis. RNA Biology, 2022, 19, 781-810.	1.5	19
3	Effects of Ribosomal Protein S10 Flexible Loop Mutations on Tetracycline and Tigecycline Susceptibility of Escherichia coli. Frontiers in Microbiology, 2021, 12, 663835.	1.5	3
4	Global analysis of protein arginine methylation. Cell Reports Methods, 2021, 1, 100016.	1.4	27
5	Conformational proofreading of distant 40S ribosomal subunit maturation events by a long-range communication mechanism. Nature Communications, 2019, 10, 2754.	5.8	40
6	Inhibiting eukaryotic ribosome biogenesis. BMC Biology, 2019, 17, 46.	1.7	39
7	Tsr4 and Nap1, two novel members of the ribosomal protein chaperOME. Nucleic Acids Research, 2019, 47, 6984-7002.	6.5	28
8	Viewing pre-60S maturation at a minute's timescale. Nucleic Acids Research, 2018, 46, 3140-3151.	6.5	18
9	Influence of eukaryotic translation initiation factor 6 on non-small cell lung cancer development and progression. European Journal of Cancer, 2018, 101, 165-180.	1.3	28
10	A conserved inter-domain communication mechanism regulates the ATPase activity of the AAA-protein Drg1. Scientific Reports, 2017, 7, 44751.	1.6	4
11	Hold on to your friends: Dedicated chaperones of ribosomal proteins. BioEssays, 2017, 39, 1-12.	1.2	54
12	Fic Proteins of Campylobacter fetus subsp. venerealis Form a Network of Functional Toxin-Antitoxin Systems. Frontiers in Microbiology, 2017, 8, 1965.	1.5	13
13	When a ribosomal protein grows up - the ribosome assembly path of Rps3. Microbial Cell, 2017, 4, 140-143.	1.4	4
14	Separation of low and high grade colon and rectum carcinoma by eukaryotic translation initiation factors 1, 5 and 6. Oncotarget, 2017, 8, 101224-101243.	0.8	34
15	Sequential domain assembly of ribosomal protein S3 drives 40S subunit maturation. Nature Communications, 2016, 7, 10336.	5.8	55
16	Nuclear import of dimerized ribosomal protein Rps3 in complex with its chaperone Yar1. Scientific Reports, 2016, 6, 36714.	1.6	26
17	The Drug Diazaborine Blocks Ribosome Biogenesis by Inhibiting the AAA-ATPase Drg1. Journal of Biological Chemistry, 2014, 289, 3913-3922.	1.6	48
18	Ribosomal protein S3 interacts with the NF- $\kappa$ B inhibitor I $\kappa$ B $\beta$ . FEBS Letters, 2014, 588, 659-664.	1.3	19

#	ARTICLE	IF	CITATIONS
19	Resistance patterns of Escherichia coli isolated from sewage sludge in comparison with those isolated from human patients in 2000 and 2009. <i>Journal of Water and Health</i> , 2013, 11, 13-20.	1.1	56
20	Rlp24 activates the AAA-ATPase Drg1 to initiate cytoplasmic pre-60S maturation. <i>Journal of Cell Biology</i> , 2012, 199, 771-782.	2.3	67
21	Yar1 Protects the Ribosomal Protein Rps3 from Aggregation. <i>Journal of Biological Chemistry</i> , 2012, 287, 21806-21815.	1.6	58
22	The AAA-ATPase Rea1 Drives Removal of Biogenesis Factors during Multiple Stages of 60S Ribosome Assembly. <i>Molecular Cell</i> , 2010, 38, 712-721.	4.5	114
23	RNA Helicase Prp43 and Its Co-factor Pfa1 Promote 20 to 18 S rRNA Processing Catalyzed by the Endonuclease Nob1. <i>Journal of Biological Chemistry</i> , 2009, 284, 35079-35091.	1.6	166
24	Mechanochemical Removal of Ribosome Biogenesis Factors from Nascent 60S Ribosomal Subunits. <i>Cell</i> , 2009, 138, 911-922.	13.5	141
25	The AAA ATPase Rix7 powers progression of ribosome biogenesis by stripping Nsa1 from pre-60S particles. <i>Journal of Cell Biology</i> , 2008, 181, 935-944.	2.3	78
26	Cytoplasmic Recycling of 60S Preribosomal Factors Depends on the AAA Protein Drg1. <i>Molecular and Cellular Biology</i> , 2007, 27, 6581-6592.	1.1	91
27	Diazaborine Treatment of Yeast Cells Inhibits Maturation of the 60S Ribosomal Subunit. <i>Molecular and Cellular Biology</i> , 2004, 24, 6476-6487.	1.1	35