

Susan Baserga

List of Publications by Year in descending order

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52
papers

2,795
citations

236612

25
h-index

214527

47
g-index

58
all docs

58
docs citations

58
times ranked

3328
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosome Biogenesis in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2013, 195, 643-681.	1.2	639
2	RNA polymerase I transcription and pre-rRNA processing are linked by specific SSU processome components. <i>Genes and Development</i> , 2004, 18, 2506-2517.	2.7	214
3	Ribosome biogenesis: of knobs and RNA processing. <i>Experimental Cell Research</i> , 2004, 296, 43-50.	1.2	205
4	Ribosomopathies: Old Concepts, New Controversies. <i>Trends in Genetics</i> , 2019, 35, 754-767.	2.9	141
5	Ribosome Biogenesis Is Sensed at the Start Cell Cycle Checkpoint. <i>Molecular Biology of the Cell</i> , 2007, 18, 953-964.	0.9	116
6	Mysterious Ribosomopathies. <i>Science</i> , 2013, 341, 849-850.	6.0	102
7	Diverse Regulators of Human Ribosome Biogenesis Discovered by Changes in Nucleolar Number. <i>Cell Reports</i> , 2018, 22, 1923-1934.	2.9	92
8	NOL11, Implicated in the Pathogenesis of North American Indian Childhood Cirrhosis, Is Required for Pre-rRNA Transcription and Processing. <i>PLoS Genetics</i> , 2012, 8, e1002892.	1.5	88
9	An intact Box C sequence in the U3 snRNA is required for binding of fibrillarin, the protein common to the major family of nucleolar snRNPs. <i>EMBO Journal</i> , 1991, 10, 2645-51.	3.5	88
10	Determinants of mammalian nucleolar architecture. <i>Chromosoma</i> , 2015, 124, 323-331.	1.0	80
11	Crosstalk between the nucleolus and the DNA damage response. <i>Molecular BioSystems</i> , 2017, 13, 443-455.	2.9	69
12	A Ribosomopathy Reveals Decoding Defective Ribosomes Driving Human Dysmorphisms. <i>American Journal of Human Genetics</i> , 2017, 100, 506-522.	2.6	69
13	Mutations in KDSR Cause Recessive Progressive Symmetric Erythrokeratoderma. <i>American Journal of Human Genetics</i> , 2017, 100, 978-984.	2.6	67
14	The C-terminus of Utp4, mutated in childhood cirrhosis, is essential for ribosome biogenesis. <i>Nucleic Acids Research</i> , 2010, 38, 4798-4806.	6.5	63
15	Human Nop5/Nop58 is a component common to the box C/D small nucleolar ribonucleoproteins. <i>Rna</i> , 1999, 5, 1597-1604.	1.6	62
16	M Phase Phosphoprotein 10 Is a Human U3 Small Nucleolar Ribonucleoprotein Component. <i>Molecular Biology of the Cell</i> , 1998, 9, 437-449.	0.9	55
17	Distinct molecular signals for nuclear import of the nucleolar snRNA, U3.. <i>Genes and Development</i> , 1992, 6, 1120-1130.	2.7	53
18	A divergent Pumilio repeat protein family for pre-rRNA processing and mRNA localization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18554-18559.	3.3	48

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19	Fanconi anemia protein FANCI functions in ribosome biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2561-2570.	3.3	44
20	Tissue Specific Roles for the Ribosome Biogenesis Factor Wdr43 in Zebrafish Development. <i>PLoS Genetics</i> , 2014, 10, e1004074.	1.5	41
21	A protein interaction map of the LSU processome. <i>Genes and Development</i> , 2015, 29, 862-875.	2.7	41
22	Human diseases of the SSU processome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 758-764.	1.8	39
23	The Ribosome Biogenesis Factor Nol11 Is Required for Optimal rDNA Transcription and Craniofacial Development in <i>Xenopus</i> . <i>PLoS Genetics</i> , 2015, 11, e1005018.	1.5	38
24	Probing the mechanisms underlying human diseases in making ribosomes. <i>Biochemical Society Transactions</i> , 2016, 44, 1035-1044.	1.6	36
25	Nop9 is a PUF-like protein that prevents premature cleavage to correctly process pre-18S rRNA. <i>Nature Communications</i> , 2016, 7, 13085.	5.8	34
26	Expression of ribosomopathy genes during <i>Xenopus tropicalis</i> embryogenesis. <i>BMC Developmental Biology</i> , 2016, 16, 38.	2.1	22
27	Ribosomal RNA Transcription Regulation in Breast Cancer. <i>Genes</i> , 2021, 12, 502.	1.0	22
28	Increased numbers of nucleoli in a genome-wide RNAi screen reveal proteins that link the cell cycle to RNA polymerase I transcription. <i>Molecular Biology of the Cell</i> , 2021, 32, 956-973.	0.9	22
29	An unexpected, conserved element of the U3 snoRNA is required for Mpp10p association. <i>Rna</i> , 2001, 7, 904-919.	1.6	21
30	The SSU processome interactome in <i>Saccharomyces cerevisiae</i> reveals novel protein subcomplexes. <i>Rna</i> , 2018, 24, 77-89.	1.6	18
31	MicroRNAs and long non-coding RNAs as novel regulators of ribosome biogenesis. <i>Biochemical Society Transactions</i> , 2020, 48, 595-612.	1.6	18
32	A high-throughput assay for directly monitoring nucleolar rRNA biogenesis. <i>Open Biology</i> , 2022, 12, 210305.	1.5	18
33	<i>RPSA</i> , a candidate gene for isolated congenital asplenia, is required for pre-rRNA processing and spleen formation in <i>Xenopus</i> . <i>Development (Cambridge)</i> , 2018, 145, .	1.2	16
34	Box C/D sRNA stem ends act as stabilizing anchors for box C/D di-sRNPs. <i>Nucleic Acids Research</i> , 2016, 44, 8976-8989.	6.5	15
35	Nascent alt-protein chemoproteomics reveals a pre-60S assembly checkpoint inhibitor. <i>Nature Chemical Biology</i> , 2022, 18, 643-651.	3.9	14
36	Biallelic splicing variants in the nucleolar 60S assembly factor RBM28 cause the ribosomopathy ANE syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12

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37	The molecular basis for ANE syndrome revealed by the large ribosomal subunit processome interactome. <i>ELife</i> , 2016, 5, .	2.8	11
38	Cryo-Electron Microscopic Study of the Enzymatic Mechanism of the RNA 2'-O-Methyltransferase Box CD sRNP. <i>Microscopy and Microanalysis</i> , 2014, 20, 1284-1285.	0.2	9
39	Paired Box 9 (PAX9), the RNA polymerase II transcription factor, regulates human ribosome biogenesis and craniofacial development. <i>PLoS Genetics</i> , 2020, 16, e1008967.	1.5	9
40	Emerging Roles for the Nucleolus 2017. <i>Molecular Biology of the Cell</i> , 2018, 29, 773-775.	0.9	8
41	Mpp10p, a new protein component of the U3 snoRNP required for processing of 18S rRNA precursors. <i>Nucleic Acids Symposium Series</i> , 1997, , 64-7.	0.3	8
42	U8 variants on the brain: a small nucleolar RNA and human disease. <i>RNA Biology</i> , 2022, 19, 412-418.	1.5	8
43	The Contributions of the Ribosome Biogenesis Protein Utp5/WDR43 to Craniofacial Development. <i>Journal of Dental Research</i> , 2016, 95, 1214-1220.	2.5	6
44	Emerging Roles for the Nucleolus 2019. <i>Journal of Biological Chemistry</i> , 2020, 295, 5535-5537.	1.6	4
45	Nop9 recognizes structured and single-stranded RNA elements of preribosomal RNA. <i>Rna</i> , 2020, 26, 1049-1059.	1.6	3
46	Ribosomes Need Straight Aâ€™s to Sleep. <i>Cell</i> , 2017, 169, 565-567.	13.5	2
47	Ella Clay Wakeman: Yale School of Medicine, 1921. <i>Yale Journal of Biology and Medicine</i> , 1995, 68, 171-90.	0.2	2
48	Autoantibody Recognition of Macromolecular Structures and Their Subunits. , 2006, , 379-417.		1
49	Electron microscopy reveals that archaeal box C/D sRNPs are diâ€™sRNPs. <i>FASEB Journal</i> , 2009, 23, 661.2.	0.2	0
50	The Box C/D sRNP dimeric architecture is conserved across Kingdom Archaea. <i>FASEB Journal</i> , 2012, 26, 773.2.	0.2	0
51	The novel zebrafish mutant fantome/wdr43 as a human craniofacial ribosomopathy model. <i>FASEB Journal</i> , 2013, 27, 319.1.	0.2	0
52	NOL11, implicated in the pathogenesis of North American Indian Childhood Cirrhosis, is required for preâ€™rRNA transcription and processing. <i>FASEB Journal</i> , 2013, 27, 552.1.	0.2	0