Steven R Ellis

List of Publications by Year
in descending order

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55 papers	4,043 citations	218677 26 h-index	206112 48 g-index
56 all docs	56 docs citations	56 times ranked	4695 citing authors

#	Article	IF	Citations
1	Identification of RPS14 as a 5q- syndrome gene by RNA interference screen. Nature, 2008, 451, 335-339.	27.8	850
2	A new system for naming ribosomal proteins. Current Opinion in Structural Biology, 2014, 24, 165-169.	5.7	481
3	Ribosome Levels Selectively Regulate Translation and Lineage Commitment in Human Hematopoiesis. Cell, 2018, 173, 90-103.e19.	28.9	296
4	Abnormalities of the large ribosomal subunit protein, Rpl35a, in Diamond-Blackfan anemia. Blood, 2008, 112, 1582-1592.	1.4	208
5	The ribosomal basis of diamond-blackfan anemia: mutation and database update. Human Mutation, 2010, 31, 1269-1279.	2.5	202
6	Ribosomal Protein SA Haploinsufficiency in Humans with Isolated Congenital Asplenia. Science, 2013, 340, 976-978.	12.6	176
7	Human RPS19, the gene mutated in Diamond-Blackfan anemia, encodes a ribosomal protein required for the maturation of 40S ribosomal subunits. Blood, 2007, 109, 980-986.	1.4	174
8	Diamond-Blackfan Anemia: Diagnosis, Treatment, and Molecular Pathogenesis. Hematology/Oncology Clinics of North America, 2009, 23, 261-282.	2.2	174
9	Ribosomes and marrow failure: coincidental association or molecular paradigm?. Blood, 2006, 107, 4583-4588.	1.4	130
10	Mice with ribosomal protein S19 deficiency develop bone marrow failure and symptoms like patients with Diamond-Blackfan anemia. Blood, 2011, 118, 6087-6096.	1.4	121
11	Ribosomal protein gene deletions in Diamond-Blackfan anemia. Blood, 2011, 118, 6943-6951.	1.4	121
12	Deletion of ribosomal protein genes is a common vulnerability in human cancer, especially in concert with <scp>TP</scp> 53 mutations. EMBO Molecular Medicine, 2017, 9, 498-507.	6.9	86
13	Rare ribosomopathies: insights into mechanisms of cancer. Nature Reviews Cancer, 2019, 19, 228-238.	28.4	83
14	Whole-exome sequencing and functional studies identify RPS29 as a novel gene mutated in multicase Diamond-Blackfan anemia families. Blood, 2014, 124, 24-32.	1.4	79
15	Loss of GATAâ€1 full length as a cause of Diamondâ€“Blackfan anemia phenotype. Pediatric Blood and Cancer, 2014, 61, 1319-1321.	1.5	74
16	Novel and known ribosomal causes of Diamond-Blackfan anaemia identified through comprehensive genomic characterisation. Journal of Medical Genetics, 2017, 54, 417-425.	3.2	71
17	Diamond Blackfan Anemia: Ribosomal Proteins Going Rogue. Seminars in Hematology, 2011, 48, 89-96.	3.4	62
18	Chapter 8 Diamond Blackfan Anemia: A Disorder of Red Blood Cell Development. Current Topics in Developmental Biology, 2008, 82, 217-241.	2.2	58

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19	Yeast Proteins Related to the p40/Laminin Receptor Precursor Are Essential Components of the 40 S Ribosomal Subunit. Journal of Biological Chemistry, 1996, 271, 11383-11391.	3.4	57
20	Nucleolar stress in Diamond Blackfan anemia pathophysiology. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 765-768.	3.8	55
21	Exploiting preâ€rRNA processing in <scp>D</scp>iamond <scp>B</scp>lackfan anemia gene discovery and diagnosis. American Journal of Hematology, 2014, 89, 985-991.	4.1	53
22	Dissecting the transcriptional phenotype of ribosomal protein deficiency: implications for Diamond-Blackfan Anemia. Gene, 2014, 545, 282-289.	2.2	44
23	Diamond Blackfan anemia: A paradigm for a ribosome-based disease. Medical Hypotheses, 2006, 66, 643-648.	1.5	36
24	Ribosomal proteins Rps0 and Rps21 of Saccharomyces cerevisiae have overlapping functions in the maturation of the 3' end of 18S rRNA. Nucleic Acids Research, 2003, 31, 6798-6805.	14.5	35
25	Distinct ribosome maturation defects in yeast models of Diamond-Blackfan anemia and Shwachman-Diamond syndrome. Haematologica, 2010, 95, 57-64.	3.5	35
26	p53-Independent Cell Cycle and Erythroid Differentiation Defects in Murine Embryonic Stem Cells Haploinsufficient for Diamond Blackfan Anemia-Proteins: RPS19 versus RPL5. PLoS ONE, 2014, 9, e89098.	2.5	33
27	Increased Prevalence of Congenital Heart Disease in Children With Diamond Blackfan Anemia Suggests Unrecognized Diamond Blackfan Anemia as a Cause of Congenital Heart Disease in the General Population. Circulation Genomic and Precision Medicine, 2018, 11, e002044.	3.6	32
28	Molecular convergence in ex vivo models of Diamond-Blackfan anemia. Blood, 2017, 129, 3111-3120.	1.4	30
29	Bmi1 Promotes Erythroid Development Through Regulating Ribosome Biogenesis. Stem Cells, 2015, 33, 925-938.	3.2	27
30	Rpm2, the Protein Subunit of Mitochondrial RNase P in Saccharomyces cerevisiae, Also Has a Role in the Translation of Mitochondrially Encoded Subunits of Cytochrome c Oxidase. Genetics, 2001, 158, 573-585.	2.9	21
31	Lymphoblastoid cell lines from Diamond Blackfan anaemia patients exhibit a full ribosomal stress phenotype that is rescued by gene therapy. Scientific Reports, 2017, 7, 12010.	3.3	19
32	Identification of RPS14 as the 5q-Syndrome Gene by RNA Interference Screen.. Blood, 2007, 110, 1-1.	1.4	16
33	Rpm2p: separate domains promote tRNA and Rpm1r maturation in Saccharomyces cerevisiae mitochondria. Nucleic Acids Research, 2001, 29, 3631-3637.	14.5	13
34	Genes Encoding Ribosomal Proteins Rps0A/B of Saccharomyces cerevisiae Interact With TOM1 Mutants Defective in Ribosome Synthesis. Genetics, 2001, 157, 1107-1116.	2.9	13
35	Proteasome Mutants, pre4-2 and ump1-2, Suppress the Essential Function but Not the Mitochondrial RNase P Function of the Saccharomyces cerevisiae Gene RPM2. Genetics, 2000, 154, 1013-1023.	2.9	11
36	Early Onset Colorectal Cancer: An Emerging Cancer Risk in Patients with Diamond Blackfan Anemia. Genes, 2022, 13, 56.	2.4	11

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37	Proapoptotic Requirement of Ribosomal Protein L11 in Ribosomal Stress-Challenged Cortical Neurons. Molecular Neurobiology, 2018, 55, 538-553.	4.0	10
38	A functional assay for the clinical annotation of genetic variants of uncertain significance in Diamond-Blackfan anemia. Human Mutation, 2018, 39, 1102-1111.	2.5	9
39	Incorporation of the yeast mitochondrial ribosomal protein Mrp2 into ribosomal subunits requires the mitochondrially encoded Var1 protein. Molecular Genetics and Genomics, 1995, 247, 379-386.	2.4	8
40	Depletion of the Shwachman-Diamond Syndrome Protein in Hematopoietic Progenitor Cells Impairs Growth, Colony Formation, and Ribosome Function.. Blood, 2008, 112, 2046-2046.	1.4	6
41	Pathogenic germline IKZF1 variant alters hematopoietic gene expression profiles. Journal of Physical Education and Sports Management, 2021, 7, a006015.	1.2	5
42	5q- Syndrome In a Child: Is This Acquired Diamond Blackfan Anemia (DBA)?. Blood, 2010, 116, 4430-4430.	1.4	4
43	SNP Array Genotyping Reveals Constitutional and Mosaic Losses of Ribosomal Protein Gene Regions In Patients with Diamond Blackfan Anemia without Ribosomal Protein Gene Mutations.. Blood, 2010, 116, 1168-1168.	1.4	3
44	Diamond Blackfan Anemia Defects In Rps19-Mutant Embryonic Stem Cells: Rescue by Gene Replacement but Not Glucocorticoid Treatment. Blood, 2010, 116, 2237-2237.	1.4	3
45	Ribosomopathies Through a Diamond Lens. Pediatric Oncology, 2018, , 99-110.	0.5	2
46	5q- Myelodysplastic Syndrome, In One of 23 Children Lacking a Known Ribosomal Gene Mutation, Masquerading as Diamond Blackfan Anemia (DBA) and Responding to Lenalidomide. Blood, 2010, 116, LBA-2-LBA-2.	1.4	2
47	Translation Initiation Defect and Gene Profiles Linked to Depletion of Shwachman-Diamond Syndrome Gene Product.. Blood, 2005, 106, 3072-3072.	1.4	1
48	Creation of a Ribosomal Protein Sa/LAMR1 Heterozygous Mouse.. Blood, 2005, 106, 3551-3551.	1.4	0
49	Creation of a laminin receptor I/ribosomal protein Sa deficient mouse. FASEB Journal, 2006, 20, A499.	0.5	0
50	Defective Ribosomal RNA Maturation in Patients with Diamond Blackfan Anemia.. Blood, 2006, 108, 4172-4172.	1.4	0
51	Combined Disruptions of the Ribosomal Protein s19 and Pim1 Kinase Genes Are Associated with Increased Myeloid/Erythroid Cellularity and Reduced Apoptosis. Blood, 2008, 112, 3097-3097.	1.4	0
52	Depletion of the Shwachman-Diamond Syndrome Gene Product, SBDS, Leads to Growth Inhibition and Increased Expression of OPG and VEGFA.. Blood, 2008, 112, 2045-2045.	1.4	0
53	Embryoid Body Defect in Mouse Rps19-Haploinsufficient Embryonic Stem Cell Model of Diamond Blackfan Anemia. Blood, 2008, 112, 3093-3093.	1.4	0
54	Specific Hematopoietic and Erythroid Differentiation Defects in Mouse Embryonic Stem (ES) Cells with Abortive Ribosome Assembly.. Blood, 2009, 114, 1088-1088.	1.4	0

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55	Mitochondrial Dysfunction As a Potential Source of Reactive Oxygen Species in Cellular Models of Shwachman-Diamond Syndrome. Blood, 2011, 118, 1343-1343.	1.4	0