

David F Bishop

List of Publications by Year in descending order

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21
papers

935
citations

516710

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752698

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docs citations

21
times ranked

758
citing authors

#	ARTICLE	IF	CITATIONS
1	Human aminolevulinate synthase structure reveals a eukaryotic-specific autoinhibitory loop regulating substrate binding and product release. <i>Nature Communications</i> , 2020, 11, 2813.	12.8	25
2	Molecular expression, characterization and mechanism of ALAS2 gain-of-function mutants. <i>Molecular Medicine</i> , 2019, 25, 4.	4.4	18
3	Design and validation of an open-source modular Microplate Photoirradiation System for high-throughput photobiology experiments. <i>PLoS ONE</i> , 2018, 13, e0203597.	2.5	5
4	X-linked macrocytic dyserythropoietic anemia in females with an ALAS2 mutation. <i>Journal of Clinical Investigation</i> , 2015, 125, 1665-1669.	8.2	43
5	Loss-of-Function Ferrochelatase and Gain-of-Function Erythroid-Specific 5-Aminolevulinate Synthase Mutations Causing Erythropoietic Protoporphyrria and X-Linked Protoporphyrria in North American Patients Reveal Novel Mutations and a High Prevalence of X-Linked Protoporphyrria. <i>Molecular Medicine</i> , 2013, 19, 26-29.	4.4	74
6	Molecular Expression and Characterization of Erythroid-Specific 5-Aminolevulinate Synthase Gain-of-Function Mutations Causing X-Linked Protoporphyrria. <i>Molecular Medicine</i> , 2013, 19, 18-25.	4.4	33
7	X-linked Sideroblastic Anemia Due to Carboxyl-terminal ALAS2 Mutations That Cause Loss of Binding to the $\hat{\Gamma}^2$ -Subunit of Succinyl-CoA Synthetase (SUCLA2). <i>Journal of Biological Chemistry</i> , 2012, 287, 28943-28955.	3.4	40
8	Congenital Erythropoietic Porphyria: Characterization of Murine Models of the Severe Common (C73R/C73R) and Later-Onset Genotypes. <i>Molecular Medicine</i> , 2011, 17, 748-756.	4.4	10
9	Congenital erythropoietic porphyria: a novel uroporphyrinogen III synthase branchpoint mutation reveals underlying wild-type alternatively spliced transcripts. <i>Blood</i> , 2010, 115, 1062-1069.	1.4	15
10	Feline acute intermittent porphyria: a phenocopy masquerading as an erythropoietic porphyria due to dominant and recessive hydroxymethylbilane synthase mutations. <i>Human Molecular Genetics</i> , 2010, 19, 584-596.	2.9	32
11	Identification and Characterization of Feline Acute Intermittent Porphyria: The First Naturally-Occurring Animal Model.. <i>Blood</i> , 2009, 114, 3014-3014.	1.4	0
12	Uroporphyrinogen III Synthase Knock-In Mice Have the Human Congenital Erythropoietic Porphyria Phenotype, Including the Characteristic Light-Induced Cutaneous Lesions. <i>American Journal of Human Genetics</i> , 2006, 78, 645-658.	6.2	26
13	Absent phenotypic expression of X-linked sideroblastic anemia in one of 2 brothers with a novel ALAS2 mutation. <i>Blood</i> , 2002, 100, 4236-4238.	1.4	23
14	Familial-skewed X-chromosome inactivation as a predisposing factor for late-onset X-linked sideroblastic anemia in carrier females. <i>Blood</i> , 2000, 96, 4363-4365.	1.4	86
15	Four New Mutations in the Erythroid-Specific 5-Aminolevulinate Synthase (ALAS2) Gene Causing X-Linked Sideroblastic Anemia: Increased Pyridoxine Responsiveness After Removal of Iron Overload by Phlebotomy and Coinheritance of Hereditary Hemochromatosis. <i>Blood</i> , 1999, 93, 1757-1769.	1.4	100
16	Molecular defects of erythroid 5-aminolevulinate synthase in X-linked sideroblastic anemia. <i>Journal of Bioenergetics and Biomembranes</i> , 1995, 27, 161-168.	2.3	84
17	Human $\hat{\Gamma}$ -aminolevulinate synthase: Assignment of the housekeeping gene to 3p21 and the erythroid-specific gene to the X chromosome. <i>Genomics</i> , 1990, 7, 207-214.	2.9	160
18	Coupled-enzyme and direct assays for uroporphyrinogen III synthase activity in human erythrocytes and cultured lymphoblasts. <i>Analytical Biochemistry</i> , 1987, 166, 120-133.	2.4	48

#	ARTICLE	IF	CITATIONS
19	Hepatic heme synthesis in a new model of experimental hemochromatosis: Studies in rats fed finely divided elemental iron. <i>Hepatology</i> , 1987, 7, 1195-1203.	7.3	31
20	Evidence for erythroid and nonerythroid forms of δ -aminolevulinic acid synthetase. <i>Archives of Biochemistry and Biophysics</i> , 1981, 206, 380-391.	3.0	58
21	Pilot scale purification of β -galactosidase A from Cohn Fraction IV-1 of human plasma. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 524, 109-120.	2.6	24