

Cristina Zuccato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3056111/publications.pdf>

Version: 2024-02-01

44
papers

936
citations

471061

17
h-index

476904

29
g-index

45
all docs

45
docs citations

45
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of rapamycin on accumulation of α -, β - and γ -globin mRNAs in erythroid precursor cells from β -thalassaemia patients. <i>European Journal of Haematology</i> , 2006, 77, 437-441.	1.1	83
2	Expression of miR-210 during erythroid differentiation and induction of $\hat{\beta}$ -globin gene expression. <i>BMB Reports</i> , 2009, 42, 493-499.	1.1	82
3	Recent trends in the gene therapy of α -thalassaemia. <i>Journal of Blood Medicine</i> , 2015, 6, 69.	0.7	76
4	Fetal Hemoglobin Inducers from the Natural World: A Novel Approach for Identification of Drugs for the Treatment of $\hat{\beta}$ -Thalassemia and Sickle-Cell Anemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2009, 6, 141-151.	0.5	59
5	Involvement of miRNA in erythroid differentiation. <i>Epigenomics</i> , 2012, 4, 51-65.	1.0	54
6	Everolimus Is a Potent Inducer of Erythroid Differentiation and $\hat{\beta}$ -Globin Gene Expression in Human Erythroid Cells. <i>Acta Haematologica</i> , 2007, 117, 168-176.	0.7	41
7	Induction of $\hat{\beta}$ -globin mRNA, erythroid differentiation and apoptosis in UVA-irradiated human erythroid cells in the presence of furocoumarin derivatives. <i>Biochemical Pharmacology</i> , 2008, 75, 810-825.	2.0	39
8	Resveratrol: Antioxidant activity and induction of fetal hemoglobin in erythroid cells from normal donors and $\hat{\beta}$ -thalassaemia patients. <i>International Journal of Molecular Medicine</i> , 2012, 29, 974-82.	1.8	39
9	BCL11A mRNA Targeting by miR-210: A Possible Network Regulating $\hat{\beta}$ -Globin Gene Expression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2530.	1.8	36
10	Production of $\hat{\beta}$ -globin and adult hemoglobin following G418 treatment of erythroid precursor cells from homozygous $\hat{\beta}$ -thalassaemia patients. <i>American Journal of Hematology</i> , 2009, 84, 720-728.	2.0	30
11	Bergamot (<i>Citrus bergamia</i> Risso) Fruit Extracts as $\hat{\beta}$ -Globin Gene Expression Inducers: Phytochemical and Functional Perspectives. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4103-4111.	2.4	28
12	Increase of microRNA-210, Decrease of Raptor Gene Expression and Alteration of Mammalian Target of Rapamycin Regulated Proteins following Mithramycin Treatment of Human Erythroid Cells. <i>PLoS ONE</i> , 2015, 10, e0121567.	1.1	28
13	Efficient CRISPR-Cas9-based genome editing of $\hat{\beta}$ -globin gene on erythroid cells from homozygous $\hat{\beta}$ -thalassaemia patients. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 507-523.	1.8	28
14	Increase in $\hat{\beta}$ -globin mRNA content in human erythroid cells treated with angelicin analogs. <i>International Journal of Hematology</i> , 2009, 90, 318-327.	0.7	26
15	Structure and Biological Activity of Furocoumarins. , 2007, , 265-276.		25
16	A validated cellular biobank for $\hat{\beta}$ -thalassaemia. <i>Journal of Translational Medicine</i> , 2016, 14, 255.	1.8	25
17	A combined approach for $\hat{\beta}$ -thalassaemia based on gene therapy-mediated adult hemoglobin (HbA) production and fetal hemoglobin (HbF) induction. <i>Annals of Hematology</i> , 2012, 91, 1201-1213.	0.8	21
18	Differentiation and Apoptosis in UVA-irradiated Cells Treated with Furocoumarin Derivatives. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 334-344.	1.8	17

#	ARTICLE	IF	CITATIONS
19	Structural and Functional Insights on an Uncharacterized $\hat{\alpha}^3$ -Globin-Gene Polymorphism Present in Four $\hat{\alpha}^0$ -Thalassemia Families with High Fetal Hemoglobin Levels. <i>Molecular Diagnosis and Therapy</i> , 2016, 20, 161-173.	1.6	17
20	Effects on erythroid differentiation of platinum(II) complexes of synthetic bile acid derivatives. <i>Biorganic and Medicinal Chemistry</i> , 2006, 14, 5204-5210.	1.4	16
21	An $\hat{\alpha}^3$ -globin G->A gene polymorphism associated with $\hat{\alpha}^0$ 39 thalassemia globin gene and high fetal hemoglobin production. <i>BMC Medical Genetics</i> , 2017, 18, 93.	2.1	16
22	Treatment of Erythroid Precursor Cells from $\hat{\alpha}^2$ -Thalassemia Patients with Cinchona Alkaloids: Induction of Fetal Hemoglobin Production. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13433.	1.8	16
23	Expression of $\hat{\alpha}^3$ -globin genes in $\hat{\alpha}^2$ -thalassemia patients treated with sirolimus: results from a pilot clinical trial (Sirthalaclin). <i>Therapeutic Advances in Hematology</i> , 2022, 13, 204062072211006.	1.1	16
24	Development of K562 cell clones expressing $\hat{\alpha}^2$ -globin mRNA carrying the $\hat{\alpha}^0$ 39 thalassaemia mutation for the screening of correctors of stop-codon mutations. <i>Biotechnology and Applied Biochemistry</i> , 2009, 54, 41-52.	1.4	15
25	Combining gene therapy and fetal hemoglobin induction for treatment of $\hat{\alpha}^2$ -thalassemia. <i>Expert Review of Hematology</i> , 2013, 6, 255-264.	1.0	15
26	Tobramycin is a suppressor of premature termination codons. <i>Journal of Cystic Fibrosis</i> , 2013, 12, 806-811.	0.3	14
27	Induction of erythroid differentiation and increased globin mRNA production with furocoumarins and their photoproducts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 121, 57-66.	1.7	10
28	Furocoumarins photolysis products induce differentiation of human erythroid cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 92, 24-28.	1.7	9
29	A Novel Frameshift Mutation (+A) at Codon 18 of the $\hat{\alpha}^2$ -Globin Gene Associated with High Persistence of Fetal Hemoglobin Phenotype and $\hat{\alpha}^2$ -Thalassemia. <i>Acta Haematologica</i> , 2008, 119, 28-37.	0.7	9
30	Erythroid Induction of Chronic Myelogenous Leukemia K562 Cells Following Treatment with a Photoproduct Derived from the UV-A Irradiation of 5-Methoxypsoralen. <i>ChemMedChem</i> , 2010, 5, 1506-1512.	1.6	6
31	Erythroid differentiation ability of butyric acid analogues: Identification of basal chemical structures of new inducers of foetal haemoglobin. <i>European Journal of Pharmacology</i> , 2015, 752, 84-91.	1.7	6
32	Synthesis and Cellular Pharmacology Studies of a Series of 2-amino-3-aryl-4-substituted Thiophene Derivatives. <i>Medicinal Chemistry</i> , 2010, 6, 329-343.	0.7	5
33	Sex-specific transcriptional profiles identified in $\hat{\alpha}^2$ -thalassemia patients. <i>Haematologica</i> , 2021, 106, 1207-1211.	1.7	5
34	Preparation and biological evaluation of some 1,2-O-isopropylidene-d-hexofuranose esters. <i>Carbohydrate Research</i> , 2006, 341, 538-544.	1.1	4
35	Bis-epoxyethyl derivatives of distamycin A modified on the amidino moiety: Induction of production of fetal hemoglobin in human erythroid precursor cells. <i>International Journal of Molecular Medicine</i> , 1998, 23, 105.	1.8	2
36	Generation and Characterization of a Transgenic Mouse Carrying a Functional Human $\hat{\alpha}^2$ -Globin Gene with the IVSI-6 Thalassemia Mutation. <i>BioMed Research International</i> , 2015, 2015, 1-20.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Orphan Drugs and Potential Novel Approaches for Therapies of β^2 -Thalassemia: Current Status and Future Expectations. <i>Expert Opinion on Orphan Drugs</i> , 2016, 4, 299-315.	0.5	2
38	Development and characterization of cellular biosensors for HTS of erythroid differentiation inducers targeting the transcriptional activity of β^3 -globin and β^2 -globin gene promoters. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7669-7680.	1.9	2
39	Bis-epoxyethyl derivatives of distamycin A modified on the amidino moiety: induction of production of fetal hemoglobin in human erythroid precursor cells. <i>International Journal of Molecular Medicine</i> , 2009, 23, 105-11.	1.8	2
40	Teaching during COVID-19 pandemic in practical laboratory classes of applied biochemistry and pharmacology: A validated fast and simple protocol for detection of SARS-CoV-2 Spike sequences. <i>PLoS ONE</i> , 2022, 17, e0266419.	1.1	2
41	A Rational Approach to Drug Repositioning in β^2 -thalassemia: Induction of Fetal Hemoglobin by Established Drugs. <i>Wellcome Open Research</i> , 0, 7, 150.	0.9	2
42	A Rational Approach to Drug Repositioning in β^2 -thalassemia: Induction of Fetal Hemoglobin by Established Drugs. <i>Wellcome Open Research</i> , 0, 7, 150.	0.9	2
43	Surface plasmon resonance based analysis of the binding of LYAR protein to the rs368698783 (G>A) polymorphic β^3 -globin gene sequences mutated in β^2 -thalassemia. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7699-7707.	1.9	1
44	Discovery of Novel Fetal Hemoglobin Inducers through Small Chemical Library Screening. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7426.	1.8	1