# Eitan Fibach

List of Publications by Year
in descending order

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| 99 | 3,815 | 126907 | 133252 |
|---|---|---|---|
| papers | citations | 33 h-index | 59 g-index |

| 99 | 99 | 99 | 4615 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Editorial: Membrane Processes in Erythroid Development and Red Cell Life Time. Frontiers in Physiology, 2021, 12, 655117. | 2.8 | 0 |
| 2 | The Redox Balance and Membrane Shedding in RBC Production, Maturation, and Senescence. Frontiers in Physiology, 2021, 12, 604738. | 2.8 | 8 |
| 3 | Vasculoâ€toxic and proâ€inflammatory action of unbound haemoglobin, haem and iron in transfusionâ€dependent patients with haemolytic anaemias. British Journal of Haematology, 2021, 193, 637-658. | 2.5 | 22 |
| 4 | Red Blood Cells as Redox Modulators in Hemolytic Anemia. , 2019, , . | | 2 |
| 5 | Erythropoiesis In Vitroâ€"A Research and Therapeutic Tool in Thalassemia. Journal of Clinical Medicine, 2019, 8, 2124. | 2.4 | 8 |
| 6 | Oxidative Stress in Î²-Thalassemia. Molecular Diagnosis and Therapy, 2019, 23, 245-261. | 3.8 | 37 |
| 7 | Detection of Fetomaternal Hemorrhage and ABO incompatibility. Cytometry Part B - Clinical Cytometry, 2018, 94, 564-564. | 1.5 | 2 |
| 8 | Fetal Hemoglobin in the Maternal Circulation â€“ Contribution of Fetal Red Blood Cells. Hemoglobin, 2018, 42, 138-140. | 0.8 | 3 |
| 9 | The JAK2V617F mutation in normal individuals takes place in differentiating cells. Blood Cells, Molecules, and Diseases, 2017, 63, 45-51. | 1.4 | 2 |
| 10 | Toxicity of iron overload and iron overload reduction in the setting of hematopoietic stem cell transplantation for hematologic malignancies. Critical Reviews in Oncology/Hematology, 2017, 113, 156-170. | 4.4 | 33 |
| 11 | Angiomodulators in cancer therapy: New perspectives. Biomedicine and Pharmacotherapy, 2017, 89, 578-590. | 5.6 | 13 |
| 12 | Elevated systemic heme and iron levels as risk factor for vascular dysfunction and atherosclerosis: Evidence from a beta-thalassemia cohort study. Atherosclerosis, 2017, 263, e107-e108. | 0.8 | 3 |
| 13 | New Insights on Î²-Thalassemia in the Palestinian Population of Gaza: High Frequency and Milder Phenotype Among Homozygous IVS-I-1 (HBB: c.92+1G>A) Patients with High Levels of Hb F. Hemoglobin, 2017, 41, 144-146. | 0.8 | 5 |
| 14 | Iron overload in hematological disorders. Presse Medicale, 2017, 46, e296-e305. | 1.9 | 50 |
| 15 | Pathophysiology and treatment of patients with beta-thalassemia â€“ an update. F1000Research, 2017, 6, 2156. | 1.6 | 54 |
| 16 | The Effect of Fermented Papaya Preparation on Radioactive Exposure. Radiation Research, 2015, 184, 304-313. | 1.5 | 7 |
| 17 | A mouse model to study thrombotic complications of thalassemia. Thrombosis Research, 2015, 135, 521-525. | 1.7 | 10 |
| 18 | Erythroid differentiation ability of butyric acid analogues: Identification of basal chemical structures of new inducers of foetal haemoglobin. European Journal of Pharmacology, 2015, 752, 84-91. | 3.5 | 6 |

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|---|---|---|---|
| 19 | Oxidative stress in paroxysmal nocturnal hemoglobinuria and other conditions of complement-mediated hemolysis. Free Radical Biology and Medicine, 2015, 88, 63-69. | 2.9 | 15 |
| 20 | Does Erythropoietin Have a Role in the Treatment of Î²-Hemoglobinopathies?. Hematology/Oncology Clinics of North America, 2014, 28, 249-263. | 2.2 | 10 |
| 21 | Involvement of Oxidative Stress in Hemolytic Anemia. , 2014, , 2499-2516. | | 2 |
| 22 | Heterogeneity of F cells in Î²â€thalassemia. Transfusion, 2013, 53, 499-504. | 1.6 | 12 |
| 23 | Splicing Factor 3b Subunit 1 (SF3B1) mediates Mitochondrial Iron Overload In Myelodysplastic Syndromes With Ring Sideroblasts By Alternative Splicing Of Mitoferrin-1 (SLC25A37). Blood, 2013, 122, 1555-1555. | 1.4 | 1 |
| 24 | Hemin Augments Growth and Hemoglobinization of Erythroid Precursors from Patients with Diamond-Blackfan Anemia. Anemia, 2012, 2012, 1-4. | 1.7 | 1 |
| 25 | Thalassemic DNA-Containing Red Blood Cells Are under Oxidative Stress. Anemia, 2012, 2012, 1-5. | 1.7 | 2 |
| 26 | Resveratrol: Antioxidant activity and induction of fetal hemoglobin in erythroid cells from normal donors and Î²-thalassemia patients. International Journal of Molecular Medicine, 2012, 29, 974-82. | 4.0 | 39 |
| 27 | Physiologically aged red blood cells undergo erythrophagocytosis in vivo but not in vitro. Haematologica, 2012, 97, 994-1002. | 3.5 | 90 |
| 28 | Peroxiredoxin II is essential for preventing hemolytic anemia from oxidative stress through maintaining hemoglobin stability. Biochemical and Biophysical Research Communications, 2012, 426, 427-432. | 2.1 | 58 |
| 29 | Shedding of Phosphatidylserine from Developing Erythroid Cells Involves Microtubule Depolymerization and Affects Membrane Lipid Composition. Journal of Membrane Biology, 2012, 245, 779-787. | 2.1 | 7 |
| 30 | Nicotinamide, a SIRT1 inhibitor, inhibits differentiation and facilitates expansion of hematopoietic progenitor cells with enhanced bone marrowÂhoming and engraftment. Experimental Hematology, 2012, 40, 342-355.e1. | 0.4 | 168 |
| 31 | Evidence for tissue iron overload in longâ€term hemodialysis patients and the impact of withdrawing parenteral iron. European Journal of Haematology, 2012, 89, 87-93. | 2.2 | 91 |
| 32 | Therapeutic Hemoglobin Levels after Gene Transfer in Î²-Thalassemia Mice and in Hematopoietic Cells of Î²-Thalassemia and Sickle Cells Disease Patients. PLoS ONE, 2012, 7, e32345. | 2.5 | 78 |
| 33 | Distribution and shedding of the membrane phosphatidylserine during maturation and aging of erythroid cells. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2773-2780. | 2.6 | 23 |
| 34 | Involvement of Phosphatases in Proliferation, Maturation, and Hemoglobinization of Developing Erythroid Cells. Journal of Signal Transduction, 2011, 2011, 1-7. | 2.0 | 7 |
| 35 | Increased serum hepcidin levels during treatment with deferasirox in ironâ€overloaded patients with myelodysplastic syndrome. British Journal of Haematology, 2011, 153, 118-120. | 2.5 | 32 |
| 36 | Oxidative stress contributes to hemolysis in patients with hereditary spherocytosis and can be ameliorated by fermented papaya preparation. Annals of Hematology, 2011, 90, 509-513. | 1.8 | 21 |

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|---|---|---|---|
| 37 | Oxidative Stress-Induced Membrane Shedding from RBCs is Ca Flux-Mediated and Affects Membrane Lipid Composition. Journal of Membrane Biology, 2011, 240, 73-82. | 2.1 | 33 |
| 38 | Uptake of Non-Transferrin Iron by Erythroid Cells. Anemia, 2011, 2011, 1-8. | 1.7 | 33 |
| 39 | The Human Ankyrin Insulator Supports Production of Therapeutic Levels of Adult Hemoglobin Following Î²-Globin Gene Transfer in Hematopoietic Cells Derived From Thalassemic and Sickle Cell Patients. Blood, 2011, 118, 2055-2055. | 1.4 | 6 |
| 40 | Transferrin-iron routing to the cytosol and mitochondria as studied by live and real-time fluorescence. Biochemical Journal, 2010, 429, 185-193. | 3.7 | 34 |
| 41 | Decreased hemolysis following administration of antioxidantâ€"fermented papaya preparation (FPP) to a patient with PNH. Annals of Hematology, 2010, 89, 429-430. | 1.8 | 16 |
| 42 | Amelioration of oxidative stress in red blood cells from patients with Î²â€thalassemia major and intermedia and Eâ€Î²â€thalassemia following administration of a fermented papaya preparation. Phytotherapy Research, 2010, 24, 1334-1338. | 5.8 | 33 |
| 43 | Apheresis Induces Oxidative Stress in Blood Cells. Therapeutic Apheresis and Dialysis, 2010, 14, 166-171. | 0.9 | 9 |
| 44 | The role of antioxidants and iron chelators in the treatment of oxidative stress in thalassemia. Annals of the New York Academy of Sciences, 2010, 1202, 10-16. | 3.8 | 65 |
| 45 | A preclinical approach for gene therapy of Î²â€thalassemia. Annals of the New York Academy of Sciences, 2010, 1202, 134-140. | 3.8 | 21 |
| 46 | The Antioxidant Effect of Erythropoietin on Thalassemic Blood Cells. Anemia, 2010, 2010, 1-11. | 1.7 | 24 |
| 47 | Changes in parameters of oxidative stress and free iron biomarkers during treatment with deferasirox in iron-overloaded patients with myelodysplastic syndromes. Haematologica, 2010, 95, 1433-1434. | 3.5 | 74 |
| 48 | Effect of Iron Chelators on Labile Iron and Oxidative Status of Thalassaemic Erythroid Cells. Acta Haematologica, 2010, 123, 14-20. | 1.4 | 33 |
| 49 | A flow cytometry approach for quantitative analysis of cellular phosphatidylserine distribution and shedding. Analytical Biochemistry, 2009, 393, 111-116. | 2.4 | 18 |
| 50 | Fermented papaya preparation as redox regulator in blood cells of Î²â€thalassemic mice and patients. Phytotherapy Research, 2008, 22, 820-828. | 5.8 | 43 |
| 51 | Flow cytometry measurement of the labile iron pool in human hematopoietic cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 22-27. | 1.5 | 108 |
| 52 | Macrophages function as a ferritin iron source for cultured human erythroid precursors. Journal of Cellular Biochemistry, 2008, 103, 1211-1218. | 2.6 | 113 |
| 53 | The labile iron pool in human erythroid cells. British Journal of Haematology, 2008, 142, 301-307. | 2.5 | 45 |
| 54 | Hypoxia alters progression of the erythroid program. Experimental Hematology, 2008, 36, 17-27. | 0.4 | 73 |

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|---|---|---|---|
| 55 | Oxidative status of red blood cells, neutrophils, and platelets in paroxysmal nocturnal hemoglobinuria. Experimental Hematology, 2008, 36, 369-377. | 0.4 | 42 |
| 56 | Ironâ€“chelator complexes as iron sources for early developing human erythroid precursors. Translational Research, 2008, 151, 88-96. | 5.0 | 11 |
| 57 | N-acetylcysteine amide (AD4) attenuates oxidative stress in beta-thalassemia blood cells. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 249-255. | 2.4 | 69 |
| 58 | Oxidative stress causes membrane phospholipid rearrangement and shedding from RBC membranesâ€”An NMR study. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2388-2394. | 2.6 | 46 |
| 59 | The Role of Oxidative Stress in Hemolytic Anemia. Current Molecular Medicine, 2008, 8, 609-619. | 1.3 | 228 |
| 60 | Improvement of Oxidative Stress Parameters in MDS Patients with Iron Overload Treated with Deferasirox. Blood, 2008, 112, 2675-2675. | 1.4 | 14 |
| 61 | Role of Oxidative Stress in _-Thalassemia and the Antioxidative Effect of Fermented Papaya Preparation. Oxidative Stress and Disease, 2008, , . | 0.3 | 0 |
| 62 | The JAK2V617F Mutation in Non-MPD Hematopoiesis Occurs at a Low Frequency and in Differentiating Erythroid Cells.. Blood, 2008, 112, 1344-1344. | 1.4 | 0 |
| 63 | Medicinal Chemistry of Fetal Hemoglobin Inducers for Treatment of β-Thalassemia. Current Medicinal Chemistry, 2007, 14, 199-212. | 2.4 | 103 |
| 64 | Hemoglobin Switch in the Newborn: A Flow Cytometry Analysis. Neonatology, 2007, 91, 61-68. | 2.0 | 10 |
| 65 | The Effect of the Copper Chelator Tetraethylenepentamine on Reactive Oxygen Species Generation by Human Hematopoietic Progenitor Cells. Stem Cells and Development, 2007, 16, 1053-1056. | 2.1 | 21 |
| 66 | Are postnatal hemangioblasts generated by dedifferentiation from committed hematopoietic stem cells?. Experimental Hematology, 2007, 35, 691-701. | 0.4 | 19 |
| 67 | Oxidative stress in red blood cells, platelets and polymorphonuclear leukocytes from patients with myelodysplastic syndrome. European Journal of Haematology, 2007, 79, 463-467. | 2.2 | 98 |
| 68 | The oxidative status of blood cells in a murine model of graft-versus-host disease. Annals of Hematology, 2007, 86, 753-758. | 1.8 | 29 |
| 69 | Anemia and Iron Deficiency in Strenuously Trained Adolescents.. Blood, 2007, 110, 961-961. | 1.4 | 0 |
| 70 | Vanadate elevates fetal hemoglobin in human erythroid precursors by inhibiting cell maturation. Experimental Biology and Medicine, 2007, 232, 654-61. | 2.4 | 2 |
| 71 | Oxidative status of valinomycin-resistant normal, Î²-thalassemia and sickle red blood cells. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 793-799. | 2.4 | 12 |
| 72 | Red blood cells, platelets and polymorphonuclear neutrophils of patients with sickle cell disease exhibit oxidative stress that can be ameliorated by antioxidants. British Journal of Haematology, 2006, 132, 108-113. | 2.5 | 177 |

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|---|---|---|---|
| 73 | Antagonists to Retinoid Receptors Down-Regulate CD38 Expression and Inhibit In Vitro Differentiation of Cord Blood Derived CD34+ Cells.. Blood, 2006, 108, 3652-3652. | 1.4 | 1 |
| 74 | Nicotinamide Modulates Ex-Vivo Expansion of Cord Blood Derived CD34+ Cells Cultured with Cytokines and Promotes Their Homing and Engraftment in SCID Mice.. Blood, 2006, 108, 725-725. | 1.4 | 7 |
| 75 | Chronic oxidative stress reduces the respiratory burst response of neutrophils from beta-thalassaemia patients. British Journal of Haematology, 2005, 129, 435-441. | 2.5 | 61 |
| 76 | N-acetylcysteine amide, a novel cell-permeating thiol, restores cellular glutathione and protects human red blood cells from oxidative stress. Free Radical Biology and Medicine, 2005, 38, 136-145. | 2.9 | 189 |
| 77 | Retinoic Acid Receptor Antagonist Inhibits CD38 Antigen Expression on Human Hematopoietic CellsIn Vitro. Leukemia and Lymphoma, 2004, 45, 1025-1035. | 1.3 | 7 |
| 78 | Linear polyamine copper chelator tetraethylenepentamine augments long-term ex vivo expansion of cord blood-derived CD34 + cells and increases their engraftment potential in NOD/SCID mice. Experimental Hematology, 2004, 32, 547-555. | 0.4 | 117 |
| 79 | Detection of significant fetomaternal hemorrhage by flow cytometry. American Journal of Obstetrics and Gynecology, 2004, 191, S145. | 1.3 | 1 |
| 80 | Flow cytometric analysis of the oxidative status of normal and thalassemic red blood cells. Cytometry, 2004, 60A, 73-80. | 1.8 | 93 |
| 81 | The Effect of Tetraethylenepentamine, a Synthetic Copper Chelating Polyamine, on Expression of CD34 and CD38 Antigens on Normal and Leukemic Hematopoietic Cells. Leukemia and Lymphoma, 2004, 45, 583-589. | 1.3 | 9 |
| 82 | Oxidative status of platelets in normal and thalassemic blood. Thrombosis and Haemostasis, 2004, 92, 1052-1059. | 3.4 | 69 |
| 83 | Flow cytometric measurement of reactive oxygen species production by normal and thalassaemic red blood cells. European Journal of Haematology, 2003, 70, 84-90. | 2.2 | 128 |
| 84 | Flow Cytometric Analysis of Hydroxyurea Effects on Fetal Hemoglobin Production in Cultures of Î²â€Thalassemia Erythroid Precursors. Hemoglobin, 2003, 27, 77-87. | 0.8 | 14 |
| 85 | Retinoic Acid Induction of CD38 Antigen Expression on Normal and Leukemic Human Myeloid Cells: Relationship with Cell Differentiation. Leukemia and Lymphoma, 2003, 44, 691-698. | 1.3 | 18 |
| 86 | Cellular copper content modulates differentiation and self-renewal in cultures of cord blood-derived CD34+ cells. British Journal of Haematology, 2002, 116, 655-661. | 2.5 | 82 |
| 87 | Cell culture and animal models to screen for promising fetal hemoglobin-stimulating compounds. Seminars in Hematology, 2001, 38, 374-381. | 3.4 | 20 |
| 88 | Hydroxyurea and Hemin Affect Both the Transcriptional and Post-Transcriptional Mechanisms of Some Globin Genes in Human Adult Erythroid Cellsa. Annals of the New York Academy of Sciences, 1998, 850, 449-451. | 3.8 | 8 |
| 89 | Utilization of Intracellular Ferritin Iron for Hemoglobin Synthesis in Developing Human Erythroid Precursors. Blood, 1997, 90, 831-838. | 1.4 | 73 |
| 90 | Induction of Î³-Globin by Histone Deacetylase Inhibitors. Blood, 1997, 90, 2075-2083. | 1.4 | 132 |

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|---|---|---|---|
| 91 | Improved method for diagnosis of polycythemia vera based on flow cytometric analysis of autonomous growth of erythroid precursors in liquid culture. , 1997, 54, 47-52. | | 10 |
| 92 | Transcriptional upregulation of Î³-globin by phenylbutyrate and analogous aromatic fatty acids. Biochemical Pharmacology, 1996, 52, 1227-1233. | 4.4 | 15 |
| 93 | Monoclonal antibodyâ€based methods for quantitation of hemoglobins: application to evaluating patients with sickle cell anemia treated with hydroxyurea. European Journal of Haematology, 1996, 57, 17-24. | 2.2 | 15 |
| 94 | Reducing erythropoietin in cultures of human erythroid precursors elevates the proportion of fetal haemoglobin. British Journal of Haematology, 1994, 88, 39-45. | 2.5 | 19 |
| 95 | Acquired sideroblastic anaemia following progesterone therapy. British Journal of Haematology, 1994, 87, 859-862. | 2.5 | 12 |
| 96 | Quantitative flow cytometric analysis of ABO red cell antigens. Cytometry, 1991, 12, 545-549. | 1.8 | 42 |
| 97 | Proliferation and differentiation of erythroid progenitors in liquid culture: Analysis of progenitors derived from patients with polycythemia vera. American Journal of Hematology, 1990, 35, 151-156. | 4.1 | 13 |
| 98 | Erythropoietin activity in the serum of beta thalassemic patients. Scandinavian Journal of Haematology, 1986, 37, 221-228. | 0.0 | 30 |
| 99 | Self-renewal and commitment to differentiation of human leukemic promyelocytic cells (HL-60). Journal of Cellular Physiology, 1982, 113, 152-158. | 4.1 | 46 |