

# Francesca Vinchi

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,231  
citations

471371

17  
h-index

552653

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Toxicity and Chelation Therapy in Hematopoietic Stem Cell Transplant. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 371-379.	0.6	16
2	Vasculotoxic and proinflammatory action of unbound haemoglobin, haem and iron in transfusion-dependent patients with haemolytic anaemias. <i>British Journal of Haematology</i> , 2021, 193, 637-658.	1.2	22
3	Screening out the Exposome to Improve Transfusion Quality. <i>HemaSphere</i> , 2021, 5, e605.	1.2	0
4	Non-Transferrin-Bound Iron in the Spotlight: Novel Mechanistic Insights into the Vasculotoxic and Atherosclerotic Effect of Iron. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 387-414.	2.5	18
5	Reshaping Erythrophagocytosis and Iron Recycling by Reticuloendothelial Macrophages. <i>HemaSphere</i> , 2021, 5, e525.	1.2	1
6	Atherosclerosis is aggravated by iron overload and ameliorated by dietary and pharmacological iron restriction. <i>European Heart Journal</i> , 2020, 41, 2681-2695.	1.0	162
7	Controversies on the Consequences of Iron Overload and Chelation in MDS. <i>HemaSphere</i> , 2020, 4, e357.	1.2	19
8	Erythroid Differentiation: A Matter of Proteome Remodeling. <i>HemaSphere</i> , 2018, 2, e26.	1.2	2
9	Heme accumulation in endothelial cells impairs angiogenesis by triggering paraptosis. <i>Cell Death and Differentiation</i> , 2018, 25, 573-588.	5.0	78
10	Scavenging Reactive Oxygen Species Production Normalizes Ferroportin Expression and Ameliorates Cellular and Systemic Iron Disbalances in Hemolytic Mouse Model. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 484-499.	2.5	21
11	TET2 deficiency leads to stem cell factor-dependent clonal expansion of dysfunctional erythroid progenitors. <i>Blood</i> , 2018, 132, 2406-2417.	0.6	47
12	Shaping Macrophage Plasticity with Iron Towards a New Therapeutic Approach. <i>European Oncology and Haematology</i> , 2018, 14, 76.	0.0	1
13	Hemopexin counteracts systolic dysfunction induced by heme-driven oxidative stress. <i>Free Radical Biology and Medicine</i> , 2017, 108, 452-464.	1.3	38
14	Data demonstrating the anti-oxidant role of hemopexin in the heart. <i>Data in Brief</i> , 2017, 13, 69-76.	0.5	13
15	Iron Induces Anti-tumor Activity in Tumor-Associated Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 1479.	2.2	121
16	Hemopexin therapy reverts heme-induced proinflammatory phenotypic switching of macrophages in a mouse model of sickle cell disease. <i>Blood</i> , 2016, 127, 473-486.	0.6	213
17	Low-Iron Diet and Chelation Therapy Rescue Severe Atherosclerosis Associated with High Circulating Iron Levels. <i>Blood</i> , 2016, 128, 199-199.	0.6	2
18	The Heme Scavenger Hemopexin Reverts Heme-Driven Pro-Inflammatory Phenotypic Switching of Macrophages in Sickle Cell Disease. <i>Blood</i> , 2015, 126, 2205-2205.	0.6	0

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19	Atherogenesis and iron: from epidemiology to cellular level. <i>Frontiers in Pharmacology</i> , 2014, 5, 94.	1.6	121
20	Haptoglobin, hemopexin, and related defense pathways—basic science, clinical perspectives, and drug development. <i>Frontiers in Physiology</i> , 2014, 5, 415.	1.3	204
21	Heme Exporter FLVCR1a Regulates Heme Synthesis and Degradation and Controls Activity of Cytochromes P450. <i>Gastroenterology</i> , 2014, 146, 1325-1338.	0.6	59
22	Heme in pathophysiology: a matter of scavenging, metabolism and trafficking across cell membranes. <i>Frontiers in Pharmacology</i> , 2014, 5, 61.	1.6	305
23	Hemopexin Therapy Improves Cardiovascular Function by Preventing Heme-Induced Endothelial Toxicity in Mouse Models of Hemolytic Diseases. <i>Circulation</i> , 2013, 127, 1317-1329.	1.6	197
24	Therapeutic Approaches to Limit Hemolysis-Driven Endothelial Dysfunction: Scavenging Free Heme to Preserve Vasculature Homeostasis. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-11.	1.9	38
25	The mitochondrial heme exporter FLVCR1b mediates erythroid differentiation. <i>Journal of Clinical Investigation</i> , 2012, 122, 4569-4579.	3.9	153
26	Inhibition of Neutrophil Migration by Hemopexin Leads to Increased Mortality Due to Sepsis in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 922-931.	2.5	40
27	Heme Scavenging and the Other Facets of Hemopexin. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 305-320.	2.5	220
28	Hemopexin Prevents Endothelial Damage and Liver Congestion in a Mouse Model of Heme Overload. <i>American Journal of Pathology</i> , 2008, 173, 289-299.	1.9	113
29	Haptoglobin and Hemopexin in Heme Detoxification and Iron Recycling. , 0, , .		7