

# Deborah Chiabrandò

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6687196/publications.pdf>

Version: 2024-02-01

23  
papers

1,201  
citations

471477

17  
h-index

642715

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heme in pathophysiology: a matter of scavenging, metabolism and trafficking across cell membranes. <i>Frontiers in Pharmacology</i> , 2014, 5, 61.	3.5	305
2	The mitochondrial heme exporter FLVCR1b mediates erythroid differentiation. <i>Journal of Clinical Investigation</i> , 2012, 122, 4569-4579.	8.2	153
3	Heme and erythropoiesis: more than a structural role. <i>Haematologica</i> , 2014, 99, 973-983.	3.5	139
4	The Multifaceted Role of Heme in Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1540.	2.8	80
5	Heme accumulation in endothelial cells impairs angiogenesis by triggering paraptosis. <i>Cell Death and Differentiation</i> , 2018, 25, 573-588.	11.2	78
6	Heme Exporter FLVCR1a Regulates Heme Synthesis and Degradation and Controls Activity of Cytochromes P450. <i>Gastroenterology</i> , 2014, 146, 1325-1338.	1.3	59
7	The heme exporter Flvcr1 regulates expansion and differentiation of committed erythroid progenitors by controlling intracellular heme accumulation. <i>Haematologica</i> , 2015, 100, 720-729.	3.5	54
8	Mutations in the Heme Exporter FLVCR1 Cause Sensory Neurodegeneration with Loss of Pain Perception. <i>PLoS Genetics</i> , 2016, 12, e1006461.	3.5	43
9	Unraveling the Role of Heme in Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2018, 12, 712.	2.8	42
10	Lack of Haptoglobin Affects Iron Transport Across Duodenum by Modulating Ferroportin Expression. <i>Gastroenterology</i> , 2007, 133, 1261-1271.e3.	1.3	31
11	The heme synthesis-export system regulates the tricarboxylic acid cycle flux and oxidative phosphorylation. <i>Cell Reports</i> , 2021, 35, 109252.	6.4	29
12	Fyn kinase is a novel modulator of erythropoietin signaling and stress erythropoiesis. <i>American Journal of Hematology</i> , 2019, 94, 10-20.	4.1	28
13	Mitochondrial Targeting in Neurodegeneration: A Heme Perspective. <i>Pharmaceuticals</i> , 2018, 11, 87.	3.8	26
14	Diamond Blackfan Anemia at the Crossroad between Ribosome Biogenesis and Heme Metabolism. <i>Advances in Hematology</i> , 2010, 2010, 1-8.	1.0	22
15	Cell-specific regulation of Ferroportin transcription following experimentally-induced acute anemia in mice. <i>Blood Cells, Molecules, and Diseases</i> , 2013, 50, 25-30.	1.4	21
16	Alteration of heme metabolism in a cellular model of Diamond-Blackfan anemia. <i>European Journal of Haematology</i> , 2016, 96, 367-374.	2.2	21
17	Posterior column ataxia with retinitis pigmentosa coexisting with sensory autonomic neuropathy and leukemia due to the homozygous p.Pro221Ser <i>FLVCR1</i> mutation. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 732-739.	1.7	21
18	Heme and sensory neuropathy: insights from novel mutations in the heme exporter feline leukemia virus subgroup C receptor 1. <i>Pain</i> , 2019, 160, 2766-2775.	4.2	16

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19	Hereditary Ataxia: A Focus on Heme Metabolism and Fe-S Cluster Biogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3760.	4.1	14
20	HEME: a neglected player in nociception?. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 124-136.	6.1	8
21	Endothelial Heme Dynamics Drive Cancer Cell Metabolism by Shaping the Tumor Microenvironment. <i>Biomedicines</i> , 2021, 9, 1557.	3.2	5
22	Inhibition of Heme Export and/or Heme Synthesis Potentiates Metformin Anti-Proliferative Effect on Cancer Cell Lines. <i>Cancers</i> , 2022, 14, 1230.	3.7	5
23	Expression and purification of the heme exporter FLVCR1a. <i>Protein Expression and Purification</i> , 2020, 172, 105637.	1.3	1