Hossein Ardehali

List of Publications by Year
in descending order

36 papers	2,581 citations	279798 23 h-index	345221 36 g-index
94 all docs	94 docs citations	94 times ranked	3865 citing authors

#	Article	IF	Citations
1	Cardiotoxicity of doxorubicin is mediated through mitochondrial iron accumulation. Journal of Clinical Investigation, 2014, 124, 617-630.	8.2	659
2	The molecular and metabolic landscape of iron and ferroptosis in cardiovascular disease. Nature Reviews Cardiology, 2023, 20, 7-23.	13.7	230
3	Iron status in patients with chronic heart failure. European Heart Journal, 2013, 34, 827-834.	2.2	212
4	mTOR Regulates Cellular Iron Homeostasis through Tristetraprolin. Cell Metabolism, 2012, 16, 645-657.	16.2	148
5	Targeting myocardial substrate metabolism in heart failure: potential for new therapies. European Journal of Heart Failure, 2012, 14, 120-129.	7.1	130
6	Disruption of ATP-binding cassette B8 in mice leads to cardiomyopathy through a decrease in mitochondrial iron export. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4152-4157.	7.1	124
7	Reduction in mitochondrial iron alleviates cardiac damage during injury. EMBO Molecular Medicine, 2016, 8, 247-267.	6.9	110
8	Cardiovascular complications of COVID-19. JCI Insight, 2021, 6, .	5.0	88
9	Preventing and Treating Anthracycline Cardiotoxicity: New Insights. Annual Review of Pharmacology and Toxicology, 2021, 61, 309-332.	9.4	74
10	Hexokinase II knockdown results in exaggerated cardiac hypertrophy via increased ROS production. EMBO Molecular Medicine, 2012, 4, 633-646.	6.9	73
11	mRNA-binding protein tristetraprolin is essential for cardiac response to iron deficiency by regulating mitochondrial function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6291-E6300.	7.1	57
12	Iron and HeartÂFailure. JACC Basic To Translational Science, 2020, 5, 300-313.	4.1	56
13	Ironing out mechanisms of iron homeostasis and disorders of iron deficiency. Journal of Clinical Investigation, 2021, 131, .	8.2	54
14	ATP-Binding Cassette B10 Regulates Early Steps of Heme Synthesis. Circulation Research, 2013, 113, 279-287.	4.5	50
15	â€œTargeting the Heartâ€•in Heart Failure. JACC: Heart Failure, 2015, 3, 661-669.	4.1	50
16	Cardioprotective Role of the Mitochondrial ATP-Binding Cassette Protein 1. Circulation Research, 2005, 97, 740-742.	4.5	49
17	Molecular and Cellular Basis of Viable Dysfunctional Myocardium. Circulation: Heart Failure, 2014, 7, 680-691.	3.9	46
18	Increased Heme Levels in the Heart Lead to Exacerbated Ischemic Injury. Journal of the American Heart Association, 2015, 4, e002272.	3.7	45

#	Article	IF	Citations
19	Hexokinase 1 cellular localization regulates the metabolic fate of glucose. Molecular Cell, 2022, 82, 1261-1277.e9.	9.7	42
20	Hepatic HKDC1 Expression Contributes to Liver Metabolism. Endocrinology, 2019, 160, 313-330.	2.8	40
21	Cardiomyocyte-Specific Ablation of Med1 Subunit of the Mediator Complex Causes Lethal Dilated Cardiomyopathy in Mice. PLoS ONE, 2016, 11, e0160755.	2.5	31
22	Aging is associated with increased brain iron through cortex-derived hepcidin expression. ELife, 2022, 11, .	6.0	27
23	When less is more: novel mechanisms of iron conservation. Trends in Endocrinology and Metabolism, 2013, 24, 569-577.	7.1	25
24	Hepatic tristetraprolin promotes insulin resistance through RNA destabilization of FGF21. JCI Insight, 2018, 3, .	5.0	25
25	Snf1-related kinase improves cardiac mitochondrial efficiency and decreases mitochondrial uncoupling. Nature Communications, 2017, 8, 14095.	12.8	18
26	How to Write a Successful Grant Application and Research Paper. Circulation Research, 2014, 114, 1231-1234.	4.5	13
27	Muscarinic receptor signaling contributes to atypical antipsychotic drug reversal of the phencyclidine-induced deficit in novel object recognition in rats. Journal of Psychopharmacology, 2017, 31, 1588-1604.	4.0	13
28	Intravenous iron therapy in heart failure: a different perspective. European Journal of Heart Failure, 2019, 21, 703-714.	7.1	13
29	Intravenous Iron Therapy in Heart Failure With Reduced Ejection Fraction: Tackling the Deficiency. Circulation, 2021, 144, 253-255.	1.6	13
30	Iron deficiency and supplementation in heart failure and chronic kidney disease. Molecular Aspects of Medicine, 2020, 75, 100873.	6.4	11
31	Augmenter of liver regeneration regulates cellular iron homeostasis by modulating mitochondrial transport of ATP-binding cassette B8. ELife, 2021, 10, .	6.0	9
32	ZFP36L2 suppresses mTORc1 through a P53-dependent pathway to prevent peripartum cardiomyopathy in mice. Journal of Clinical Investigation, 2022, 132, .	8.2	8
33	The Good Neighbor. Circulation Research, 2016, 118, 776-778.	4.5	7
34	Hippocampal GABA A antagonism reverses the novel object recognition deficit in sub-chronic phencyclidine-treated rats. Behavioural Brain Research, 2018, 342, 11-18.	2.2	5
35	Annals for Hospitalists Inpatient Notes - Intravenous Iron Supplementation for Patients With Heart Failureâ€"What Hospitalists Should Know. Annals of Internal Medicine, 2022, 175, HO2-HO3.	3.9	3
36	Metabolic Suppression of HIF-1Î± Contributes to Susceptibility of Ischemic Injury in Diabetic Hearts. JACC Basic To Translational Science, 2018, 3, 499-502.	4.1	2