

# Sandro Altamura

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

3,226  
citations

201385

27  
h-index

155451

55  
g-index

72  
all docs

72  
docs citations

72  
times ranked

5477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Toxicity in Diseases of Aging: Alzheimer's Disease, Parkinson's Disease and Atherosclerosis. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 879-895.	1.2	349
2	Vitamin A-Retinoic Acid Signaling Regulates Hematopoietic Stem Cell Dormancy. <i>Cell</i> , 2017, 169, 807-823.e19.	13.5	339
3	The liver-specific microRNA miR-122 controls systemic iron homeostasis in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1386-1396.	3.9	221
4	Myc Depletion Induces a Pluripotent Dormant State Mimicking Diapause. <i>Cell</i> , 2016, 164, 668-680.	13.5	209
5	Nuclear phosphoproteins HMGA and their relationship with chromatin structure and cancer. <i>FEBS Letters</i> , 2004, 574, 1-8.	1.3	206
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	A novel inflammatory pathway mediating rapid hepcidin-independent hypoferremia. <i>Blood</i> , 2015, 125, 2265-2275.	0.6	144
8	Transcriptional Activation of the Cyclin A Gene by the Architectural Transcription Factor HMGA2. <i>Molecular and Cellular Biology</i> , 2003, 23, 9104-9116.	1.1	140
9	Bone morphogenetic protein (BMP)-responsive elements located in the proximal and distal hepcidin promoter are critical for its response to HJV/BMP/SMAD. <i>Journal of Molecular Medicine</i> , 2009, 87, 471-480.	1.7	139
10	Resistance of Ferroportin to Hepcidin Binding causes Exocrine Pancreatic Failure and Fatal Iron Overload. <i>Cell Metabolism</i> , 2014, 20, 359-367.	7.2	98
11	HMGA1 Inhibits the Function of p53 Family Members in Thyroid Cancer Cells. <i>Cancer Research</i> , 2006, 66, 2980-2989.	0.4	87
12	The AT-hook of the Chromatin Architectural Transcription Factor High Mobility Group A1a Is Arginine-methylated by Protein Arginine Methyltransferase 6. <i>Journal of Biological Chemistry</i> , 2006, 281, 3764-3772.	1.6	85
13	Dietary stearic acid regulates mitochondria in vivo in humans. <i>Nature Communications</i> , 2018, 9, 3129.	5.8	80
14	Transferrin receptor 2 controls bone mass and pathological bone formation via BMP and Wnt signalling. <i>Nature Metabolism</i> , 2019, 1, 111-124.	5.1	59
15	Hypoferremia is Associated With Increased Hospitalization and Oxygen Demand in COVID-19 Patients. <i>HemaSphere</i> , 2020, 4, e492.	1.2	58
16	Pegylated interferon- $\alpha$ induced hypoferremia is associated with the immediate response to treatment in hepatitis C. <i>Hepatology</i> , 2012, 56, 492-500.	3.6	48
17	The second AT-hook of the architectural transcription factor HMGA2 is determinant for nuclear localization and function. <i>Nucleic Acids Research</i> , 2007, 35, 1751-1760.	6.5	46
18	Iron aggravates hepatic insulin resistance in the absence of inflammation in a novel db/db mouse model with iron overload. <i>Molecular Metabolism</i> , 2021, 51, 101235.	3.0	46

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19	Disruption of the Hepcidin/Ferroportin Regulatory System Causes Pulmonary Iron Overload and Restrictive Lung Disease. <i>EBioMedicine</i> , 2017, 20, 230-239.	2.7	45
20	Growth differentiation factor 15 in patients with congenital dyserythropoietic anaemia (CDA) type II. <i>Journal of Molecular Medicine</i> , 2011, 89, 811-816.	1.7	42
21	Glutathione peroxidase 4 and vitamin E control reticulocyte maturation, stress erythropoiesis and iron homeostasis. <i>Haematologica</i> , 2020, 105, 937-950.	1.7	42
22	CD40 Stimulation Induces Pax5/BSAP and EBF Activation through a APE/Ref-1-dependent Redox Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 1777-1786.	1.6	41
23	Human L-ferritin deficiency is characterized by idiopathic generalized seizures and atypical restless leg syndrome. <i>Journal of Experimental Medicine</i> , 2013, 210, 1779-1791.	4.2	39
24	A novel TMPRSS6 mutation that prevents protease auto-activation causes IRIDA. <i>Biochemical Journal</i> , 2010, 431, 363-371.	1.7	38
25	Uncoupled iron homeostasis in type 2 diabetes mellitus. <i>Journal of Molecular Medicine</i> , 2017, 95, 1387-1398.	1.7	35
26	Mice with hepcidin-resistant ferroportin accumulate iron in the retina. <i>FASEB Journal</i> , 2016, 30, 813-823.	0.2	32
27	Differential Alternative Polyadenylation Landscapes Mediate Hematopoietic Stem Cell Activation and Regulate Glutamine Metabolism. <i>Cell Stem Cell</i> , 2020, 26, 722-738.e7.	5.2	32
28	Efficacy and safety of deferasirox in non-thalassemic patients with elevated ferritin levels after allogeneic hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2016, 51, 89-95.	1.3	30
29	Transforming Growth Factor $\beta$ 1 (TGF- $\beta$ 1) Activates Hepcidin mRNA Expression in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2016, 291, 13160-13174.	1.6	29
30	Transferrin receptor 2 is a potential novel therapeutic target for $\beta$ -thalassemia: evidence from a murine model. <i>Blood</i> , 2018, 132, 2286-2297.	0.6	28
31	Mouse multipotent progenitor 5 cells are located at the interphase between hematopoietic stem and progenitor cells. <i>Blood</i> , 2021, 137, 3218-3224.	0.6	27
32	Cdk6 contributes to cytoskeletal stability in erythroid cells. <i>Haematologica</i> , 2017, 102, 995-1005.	1.7	24
33	SELDI-TOF MS detection of urinary hepcidin. <i>Biochimie</i> , 2009, 91, 1335-1338.	1.3	23
34	Elevated hepcidin serum level in response to inflammatory and iron signals in exercising athletes is independent of moderate supplementation with vitamin C and E. <i>Physiological Reports</i> , 2015, 3, e12475.	0.7	19
35	SLN124, a GalNAc-siRNA Conjugate Targeting TMPRSS6, Efficiently Prevents Iron Overload in Hereditary Haemochromatosis Type 1. <i>HemaSphere</i> , 2019, 3, e301.	1.2	18
36	Administration of recombinant erythropoietin alone does not improve the phenotype in iron refractory iron deficiency anemia patients. <i>Annals of Hematology</i> , 2013, 92, 387-394.	0.8	17

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37	Regulation of iron homeostasis: Lessons from mouse models. <i>Molecular Aspects of Medicine</i> , 2020, 75, 100872.	2.7	16
38	20 years of Heparin: How far we have come. <i>Seminars in Hematology</i> , 2021, 58, 132-144.	1.8	16
39	Increased hepcidin levels in high-altitude pulmonary edema. <i>Journal of Applied Physiology</i> , 2015, 118, 292-298.	1.2	13
40	Liver Sinusoidal Endothelial Cells Suppress Bone Morphogenetic Protein 2 Production in Response to TGF $\beta$ Pathway Activation. <i>Hepatology</i> , 2021, 74, 2186-2200.	3.6	13
41	Modulation of glutathione peroxidase activity by age-dependent carbonylation in glomeruli of diabetic mice. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 130-138.	1.2	11
42	Disruption of the hepcidin/ferroportin regulatory circuitry causes low axial bone mass in mice. <i>Bone</i> , 2020, 137, 115400.	1.4	11
43	Identification and Characterization of New Molecular Partners for the Protein Arginine Methyltransferase 6 (PRMT6). <i>PLoS ONE</i> , 2013, 8, e53750.	1.1	9
44	SLN124, a Galnac-siRNA Conjugate Targeting TMPRSS6, for the Treatment of Iron Overload and Ineffective Erythropoiesis Such As in Beta-Thalassemia. <i>Blood</i> , 2018, 132, 2340-2340.	0.6	9
45	Hemochromatosis proteins are dispensable for the acute hepcidin response to BMP2. <i>Haematologica</i> , 2020, 105, e493.	1.7	8
46	Constitutional PIGA mutations cause a novel subtype of hemochromatosis in patients with neurologic dysfunction. <i>Blood</i> , 2022, 139, 1418-1422.	0.6	8
47	Airâ€“blood barrier thickening and alterations of alveolar epithelial type 2 cells in mouse lungs with disrupted hepcidin/ferroportin regulatory system. <i>Histochemistry and Cell Biology</i> , 2019, 151, 217-228.	0.8	5
48	Identification and developmental expression of <i>Xenopus hmga2</i> $\beta$ . <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 392-397.	1.0	4
49	Iron Regulation in Elderly Asian Elephants ( <i>Elephas maximus</i> ) Chronically Infected With <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Veterinary Science</i> , 2020, 7, 596379.	0.9	4
50	Hypoferremia Predicts Hospitalization and Oxygen Demand in COVID-19 Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
51	Iron- and erythropoietin-resistant anemia in a spontaneous breast cancer mouse model. <i>Haematologica</i> , 2022, 107, 2454-2465.	1.7	3
52	Hfe Is Highly Expressed in Liver Sinusoidal Endothelial Cells But Is Not Needed to Maintain Systemic Iron Homeostasis In Vivo. <i>HemaSphere</i> , 2022, 6, e667.	1.2	3
53	Radical sensing keeps noxious iron at bay. <i>Nature Metabolism</i> , 2019, 1, 501-502.	5.1	2
54	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

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55	Low-iron diet and chelation therapy rescue severe atherosclerosis associated with high circulating iron levels. <i>Atherosclerosis</i> , 2017, 263, e15-e16.	0.4	1
56	ALTERNATIVE POLYADENYLATION REGULATES HEMATOPOIETIC STEM CELL METABOLISM. <i>Experimental Hematology</i> , 2019, 76, S86.	0.2	1
57	Transition out of HSC Dormancy By a Continuous Upregulation of Metabolism Is Controlled Via Dietary Vitamin A/ Retinoic Acid Signaling. <i>Blood</i> , 2016, 128, LBA-4-LBA-4.	0.6	1
58	Sensing of Liver Iron Content Requires Cell-Cell Communication between Hepatocytes and Liver Sinusoidal Endothelial Cells. <i>Blood</i> , 2019, 134, 432-432.	0.6	1
59	Reply. <i>Hepatology</i> , 2014, 59, 1648-1649.	3.6	0
60	Hematopoietic Stem Cells are Regulated by Alternative Polyadenylation. <i>Experimental Hematology</i> , 2018, 64, S41.	0.2	0
61	Mild Attenuation of the Pulmonary Inflammatory Response in a Mouse Model of Hereditary Hemochromatosis Type 4. <i>Frontiers in Physiology</i> , 2020, 11, 589351.	1.3	0
62	In Vivo Disruption Of The Hpcidin~Ferroportin Regulatory Circuitry Causes Fatal Systemic and Exocrine Pancreatic Iron Overload. <i>Blood</i> , 2013, 122, 175-175.	0.6	0
63	An Inflammatory Pathway Mediating Rapid Hpcidin-Independent Hypoferremia. <i>Blood</i> , 2014, 124, 214-214.	0.6	0
64	High Circulating Iron Levels Are a Risk Factor for Cardiovascular Disease: Clinical Implications for Iron-Overload Conditions. <i>Blood</i> , 2015, 126, 1040-1040.	0.6	0
65	Hepatocyte Iron Content Controls BMP6-Dependent Hpcidin Regulation. <i>Blood</i> , 2018, 132, 3626-3626.	0.6	0
66	Exploring the Mechanisms of Thalassemic Erythropoiesis Improvement Caused By Bone Marrow Tfr2 Deletion. <i>Blood</i> , 2018, 132, 3624-3624.	0.6	0
67	Hpcidin-Mediated Ferroportin Control in the Bone Marrow Is Dispensable. <i>Blood</i> , 2019, 134, 3531-3531.	0.6	0
68	2007 ~" DIFFERENTIAL ALTERNATIVE POLYADENYLATION LANDSCAPES MEDIATE HEMATOPOIETIC STEM CELL ACTIVATION AND REGULATE GLUTAMINE METABOLISM. <i>Experimental Hematology</i> , 2020, 88, S29-S30.	0.2	0
69	Macrophage-specific PLA2g6 deficiency exacerbates liver injury during bacterial sepsis via myelopoiesis activation in male mice. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, .	0.2	0