

# Antonella Roetto

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95  
papers

5,010  
citations

33  
h-index

70  
g-index

99  
ext. papers

5,519  
ext. citations

5.8  
avg, IF

4.61  
L-index

#	Paper	IF	Citations
95	Iron supplementation is sufficient to rescue skeletal muscle mass and function in cancer cachexia.. <i>EMBO Reports</i> , <b>2022</b> , e53746	6.5	2
94	Iron Overload, Oxidative Stress, and Ferroptosis in the Failing Heart and Liver.. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	6
93	Post-translational down-regulation of Nrf2 and YAP proteins, by targeting deubiquitinases, reduces growth and chemoresistance in pancreatic cancer cells. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 174, 202-210	7.8	6
92	Iron: An Essential Element of Cancer Metabolism. <i>Cells</i> , <b>2020</b> , 9,	7.9	10
91	Ailanthone increases oxidative stress in CDDP-resistant ovarian and bladder cancer cells by inhibiting of Nrf2 and YAP expression through a post-translational mechanism. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 150, 125-135	7.8	23
90	Comprehensive analysis of mitochondrial and nuclear DNA variations in patients affected by hemoglobinopathies: A pilot study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240632	3.7	1
89	Post-translational inhibition of YAP oncogene expression by 4-hydroxynonenal in bladder cancer cells. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 141, 205-219	7.8	8
88	Transferrin receptor 2 controls bone mass and pathological bone formation via BMP and Wnt signaling. <i>Nature Metabolism</i> , <b>2019</b> , 1, 111-124	14.6	36
87	Crosstalk between Nrf2 and YAP contributes to maintaining the antioxidant potential and chemoresistance in bladder cancer. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 115, 447-457	7.8	45
86	The Functional Versatility of Transferrin Receptor 2 and Its Therapeutic Value. <i>Pharmaceuticals</i> , <b>2018</b> , 11,	5.2	9
85	Identification of new BMP6 pro-peptide mutations in patients with iron overload. <i>American Journal of Hematology</i> , <b>2017</b> , 92, 562-568	7.1	25
84	Altered Erythropoiesis in Mouse Models of Type 3 Hemochromatosis. <i>BioMed Research International</i> , <b>2017</b> , 2017, 2408941	3	6
83	Detection of a rare mutation in the ferroportin gene through targeted next generation sequencing. <i>Blood Transfusion</i> , <b>2016</b> , 14, 531-534	3.6	7
82	The Molecular Spectrum of $\beta$ and $\beta$ Thalassemia Mutations in Non-Endemic Umbria, Central Italy. <i>Hemoglobin</i> , <b>2016</b> , 40, 371-376	0.6	6
81	Transferrin Receptor 2 Dependent Alterations of Brain Iron Metabolism Affect Anxiety Circuits in the Mouse. <i>Scientific Reports</i> , <b>2016</b> , 6, 30725	4.9	13
80	Wnt5a is a key target for the pro-osteogenic effects of iron chelation on osteoblast progenitors. <i>Haematologica</i> , <b>2016</b> , 101, 1499-1507	6.6	35
79	Development of cellular and humoral response against WT1 protein vaccination in mice. <i>American Journal of Hematology</i> , <b>2015</b> , 90, E193-4	7.1	

78	A comparative study of myocardial molecular phenotypes of two Tfr2 <sup>fl/fl</sup> mice: role in ischemia/reperfusion. <i>BioFactors</i> , <b>2015</b> , 41, 360-71	6.1	10
77	The erythroid function of transferrin receptor 2 revealed by Tmprss6 inactivation in different models of transferrin receptor 2 knockout mice. <i>Haematologica</i> , <b>2014</b> , 99, 1016-21	6.6	29
76	A novel mutation in the CUB sequence of matriptase-2 (TMPRSS6) is implicated in iron-resistant iron deficiency anaemia -- response to Jaspers et al. <i>British Journal of Haematology</i> , <b>2013</b> , 160, 566-7	4.5	1
75	Two novel mutations in the tmprss6 gene associated with iron-refractory iron-deficiency anaemia (irida) and partial expression in the heterozygous form. <i>British Journal of Haematology</i> , <b>2012</b> , 158, 668-72	4.5	18
74	A child with hyperferritinemia: case report. <i>Italian Journal of Pediatrics</i> , <b>2011</b> , 37, 20	3.2	5
73	Deferasirox is a powerful NF-kappaB inhibitor in myelodysplastic cells and in leukemia cell lines acting independently from cell iron deprivation by chelation and reactive oxygen species scavenging. <i>Haematologica</i> , <b>2010</b> , 95, 1308-16	6.6	103
72	Comparison of 3 Tfr2-deficient murine models suggests distinct functions for Tfr2-alpha and Tfr2-beta isoforms in different tissues. <i>Blood</i> , <b>2010</b> , 115, 3382-9	2.2	53
71	Transferrin receptor 2 is a component of the erythropoietin receptor complex and is required for efficient erythropoiesis. <i>Blood</i> , <b>2010</b> , 116, 5357-67	2.2	91
70	Transferrin receptor 2 and HFE regulate furin expression via mitogen-activated protein kinase/extracellular signal-regulated kinase (MAPK/Erk) signaling. Implications for transferrin-dependent hepcidin regulation. <i>Haematologica</i> , <b>2010</b> , 95, 1832-40	6.6	63
69	Identification of a novel mutation in the L ferritin iron-responsive element causing hereditary hyperferritinemia-cataract syndrome. <i>Acta Haematologica</i> , <b>2009</b> , 122, 223-5	2.7	4
68	Deferasirox treatment improved the hemoglobin level and decreased transfusion requirements in four patients with the myelodysplastic syndrome and primary myelofibrosis. <i>Acta Haematologica</i> , <b>2008</b> , 120, 70-4	2.7	87
67	Detection of humoral immune responses against WT1 antigen in patients affected by different hematological malignancies. <i>Acta Haematologica</i> , <b>2008</b> , 120, 47-50	2.7	2
66	Deferasirox Is the Only Iron Chelator Acting as a Potent NF-KB Inhibitor in Myelodysplastic Syndromes. <i>Blood</i> , <b>2008</b> , 112, 2671-2671	2.2	3
65	Liver expression of hepcidin and other iron genes in two mouse models of beta-thalassemia. <i>Haematologica</i> , <b>2006</b> , 91, 1336-42	6.6	45
64	Juvenile hemochromatosis due to G320V/Q116X compound heterozygosity of hemojuvelin in an Irish patient. <i>Blood Cells, Molecules, and Diseases</i> , <b>2005</b> , 35, 174-6	2.1	21
63	New insights into iron homeostasis through the study of non-HFE hereditary haemochromatosis. <i>Best Practice and Research in Clinical Haematology</i> , <b>2005</b> , 18, 235-50	4.2	35
62	Hepcidin is decreased in TFR2 hemochromatosis. <i>Blood</i> , <b>2005</b> , 105, 1803-6	2.2	333
61	A Portuguese patient homozygous for the -25G>A mutation of the HAMP promoter shows evidence of steady-state transcription but fails to up-regulate hepcidin levels by iron. <i>Blood</i> , <b>2005</b> , 106, 2922-3	2.2	26

60	Heterozygous beta-thalassemia and homozygous H63D hemochromatosis in a child: an 18-year follow-up. <i>Pediatric Hematology and Oncology</i> , <b>2005</b> , 22, 163-6	1.7	3
59	Hepatic expression of hemochromatosis genes in two mouse strains after phlebotomy and iron overload. <i>Haematologica</i> , <b>2005</b> , 90, 1161-7	6.6	25
58	Growth hormone (GH)-induced reconstitution of CD8+ CD28+ T lymphocytes in a rare case of severe lymphopenia associated with Juvenile Haemochromatosis and TurnerQ syndrome. <i>Clinical Endocrinology</i> , <b>2004</b> , 61, 437-40	3.4	3
57	Screening hepcidin for mutations in juvenile hemochromatosis: identification of a new mutation (C70R). <i>Blood</i> , <b>2004</b> , 103, 2407-9	2.2	68
56	Juvenile hemochromatosis HJV-related revealed by cardiogenic shock. <i>Blood Cells, Molecules, and Diseases</i> , <b>2004</b> , 33, 120-4	2.1	23
55	Identification of new mutations of hepcidin and hemojuvelin in patients with HFE C282Y allele. <i>Blood Cells, Molecules, and Diseases</i> , <b>2004</b> , 33, 338-43	2.1	48
54	Spectrum of hemojuvelin gene mutations in 1q-linked juvenile hemochromatosis. <i>Blood</i> , <b>2004</b> , 103, 4317-21	2.1	150
53	Homozygosity for transferrin receptor-2 Y250X mutation induces early iron overload. <i>Haematologica</i> , <b>2004</b> , 89, 359-60	6.6	29
52	Juvenile hemochromatosis locus maps to chromosome 1q in a French Canadian population. <i>European Journal of Human Genetics</i> , <b>2003</b> , 11, 585-9	5.3	27
51	Mutant antimicrobial peptide hepcidin is associated with severe juvenile hemochromatosis. <i>Nature Genetics</i> , <b>2003</b> , 33, 21-2	36.3	710
50	Natural history of juvenile haemochromatosis. <i>British Journal of Haematology</i> , <b>2002</b> , 117, 973-9	4.5	121
49	Anemia and iron overload due to compound heterozygosity for novel ceruloplasmin mutations. <i>Blood</i> , <b>2002</b> , 100, 2246-8	2.2	51
48	A valine deletion of ferroportin 1: a common mutation in hemochromatosis type 4. <i>Blood</i> , <b>2002</b> , 100, 733-4	2.2	98
47	Commentary: Juvenile hemochromatosis in a Spanish family (by Montes-Cano et al.). <i>Blood Cells, Molecules, and Diseases</i> , <b>2002</b> , 29, 83-4; author reply 85	2.1	
46	Hemochromatosis due to mutations in transferrin receptor 2. <i>Blood Cells, Molecules, and Diseases</i> , <b>2002</b> , 29, 465-70	2.1	40
45	Pathogenesis of hyperferritinemia cataract syndrome. <i>Blood Cells, Molecules, and Diseases</i> , <b>2002</b> , 29, 532-5	2.1	22
44	Genetic haemochromatosis: genes and mutations associated with iron loading. <i>Best Practice and Research in Clinical Haematology</i> , <b>2002</b> , 15, 261-276	4.2	10
43	Clinical and pathologic findings in hemochromatosis type 3 due to a novel mutation in transferrin receptor 2 gene. <i>Gastroenterology</i> , <b>2002</b> , 122, 1295-302	13.3	116

42	Juvenile hemochromatosis. <i>Seminars in Hematology</i> , <b>2002</b> , 39, 242-8	4	76
41	Genetic haemochromatosis: genes and mutations associated with iron loading. <i>Best Practice and Research in Clinical Haematology</i> , <b>2002</b> , 15, 261-76	4.2	22
40	New mutations inactivating transferrin receptor 2 in hemochromatosis type 3. <i>Blood</i> , <b>2001</b> , 97, 2555-60	2.2	202
39	Linkage to chromosome 1q in Greek families with juvenile hemochromatosis. <i>Blood Cells, Molecules, and Diseases</i> , <b>2001</b> , 27, 744-9	2.1	26
38	A new mutation (G51C) in the iron-responsive element (IRE) of L-ferritin associated with hyperferritinaemia-cataract syndrome decreases the binding affinity of the mutated IRE for iron-regulatory proteins. <i>British Journal of Haematology</i> , <b>2000</b> , 108, 480-2	4.5	32
37	The gene TFR2 is mutated in a new type of haemochromatosis mapping to 7q22. <i>Nature Genetics</i> , <b>2000</b> , 25, 14-5	36.3	649
36	Hereditary hemochromatosis: progress and perspectives. <i>Reviews in Clinical and Experimental Hematology</i> , <b>2000</b> , 4, 302-321		17
35	A pilot C282Y hemochromatosis screening in Italian newborns by TaqMan technology. <i>Genetic Testing and Molecular Biomarkers</i> , <b>2000</b> , 4, 177-81		19
34	Exclusion of ZIRT1 as candidate gene of juvenile hemochromatosis and refinement of the critical interval on 1q21. <i>Blood Cells, Molecules, and Diseases</i> , <b>2000</b> , 26, 205-10	2.1	16
33	Polymorphism in intron 4 of HFE does not compromise haemochromatosis mutation results. The European Haemochromatosis Consortium. <i>Nature Genetics</i> , <b>1999</b> , 23, 271	36.3	34
32	Inherited HFE-unrelated hemochromatosis in Italian families. <i>Hepatology</i> , <b>1999</b> , 29, 1563-4	11.2	50
31	Juvenile hemochromatosis locus maps to chromosome 1q. <i>American Journal of Human Genetics</i> , <b>1999</b> , 64, 1388-93	11	209
30	Juvenile Hemochromatosis <b>1999</b> , 371-373		
29	Recurrent mutations in the iron regulatory element of L-ferritin in hereditary hyperferritinemia-cataract syndrome. <i>Haematologica</i> , <b>1999</b> , 84, 489-92	6.6	29
28	Generation of a transcription map of a 1 Mbase region containing the HFE gene (6p22). <i>European Journal of Human Genetics</i> , <b>1998</b> , 6, 105-13	5.3	2
27	Heterogeneity of hemochromatosis in Italy. <i>Gastroenterology</i> , <b>1998</b> , 114, 996-1002	13.3	201
26	GABA (gamma-amino-butyric acid) neurotransmission: identification and fine mapping of the human GABAB receptor gene. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 250, 240-5	3.4	31
25	Cloning of a new gene (FB19) within HLA class I region. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 250, 555-7	3.4	7

24	Hereditary hemochromatosis: a HpaI polymorphism within the HLA-H gene. <i>Molecular and Cellular Probes</i> , <b>1997</b> , 11, 229-30	3.3	13
23	A frequent polymorphism in the 5Qregion of the BCMA gene. <i>Molecular and Cellular Probes</i> , <b>1997</b> , 11, 311-2	3.3	3
22	Different hematological phenotypes caused by the interaction of triplicated alpha-globin genes and heterozygous beta-thalassemia. <i>American Journal of Hematology</i> , <b>1997</b> , 55, 83-8	7.1	41
21	Juvenile and Adult Hemochromatosis Are Distinct Genetic Disorders. <i>European Journal of Human Genetics</i> , <b>1997</b> , 5, 371-375	5.3	74
20	Mutation analysis of the HLA-H gene in Italian hemochromatosis patients. <i>American Journal of Human Genetics</i> , <b>1997</b> , 60, 828-32	11	200
19	Feasibility of molecular diagnosis of alpha-thalassemia in the evaluation of microcytosis. <i>Haematologica</i> , <b>1997</b> , 82, 592-3	6.6	6
18	Juvenile and adult hemochromatosis are distinct genetic disorders. <i>European Journal of Human Genetics</i> , <b>1997</b> , 5, 371-5	5.3	10
17	Hereditary hemochromatosis: generation of a transcription map within a refined and extended map of the HLA class I region. <i>Genomics</i> , <b>1996</b> , 31, 319-26	4.3	21
16	Construction of a YAC contig covering human chromosome 6p22. <i>Genomics</i> , <b>1996</b> , 36, 399-407	4.3	18
15	Two polymorphic repeats in the candidate region for the haemochromatosis gene. <i>Molecular and Cellular Probes</i> , <b>1996</b> , 10, 469-70	3.3	
14	Allelic association of microsatellites of 6p in Italian hemochromatosis patients. <i>Human Genetics</i> , <b>1996</b> , 97, 476-81	6.3	19
13	The ancestral hemochromatosis haplotype is associated with a severe phenotype expression in Italian patients. <i>Hepatology</i> , <b>1996</b> , 24, 43-46	11.2	77
12	Analysis of microsatellite instability in chronic lymphoproliferative disorders. <i>Annals of Hematology</i> , <b>1996</b> , 72, 67-71	3	29
11	Allelic association of microsatellites of 6p in Italian hemochromatosis patients. <i>Human Genetics</i> , <b>1996</b> , 97, 476-481	6.3	1
10	The ancestral hemochromatosis haplotype is associated with a severe phenotype expression in Italian patients. <i>Hepatology</i> , <b>1996</b> , 24, 43-6	11.2	18
9	Analysis of microsatellite instability in chronic lymphoproliferative disorders <b>1996</b> , 72, 67		2
8	Molecular Pathogenesis of Hemochromatosis <b>1996</b> , 667-670		
7	Serum erythropoietin and circulating transferrin receptor in thalassemia intermedia patients with heterogeneous genotypes. <i>Haematologica</i> , <b>1996</b> , 81, 397-403	6.6	15

6	New polymorphisms and markers in the HLA class I region: relevance to hereditary hemochromatosis (HFE). <i>Human Genetics</i> , <b>1995</b> , 95, 429-34	6.3	15
5	Genetic interactions in thalassemia intermedia: analysis of beta-mutations, alpha-genotype, gamma-promoters, and beta-LCR hypersensitive sites 2 and 4 in Italian patients. <i>American Journal of Hematology</i> , <b>1995</b> , 48, 82-7	7.1	69
4	Beta-myosin mutations in hypertrophic cardiomyopathies. <i>Annals of the New York Academy of Sciences</i> , <b>1995</b> , 752, 227-9	6.5	
3	A new complex polymorphic repeat close to the HLA-A and HLA-E loci. <i>Human Genetics</i> , <b>1994</b> , 94, 578	6.3	2
2	Construction of a genetic map telomeric to HLA-A by microsatellite analysis. <i>Molecular and Cellular Probes</i> , <b>1993</b> , 7, 411-4	3.3	7
1	Linkage analysis of 6p21 polymorphic markers and the hereditary hemochromatosis: localization of the gene centromeric to HLA-F. <i>Human Molecular Genetics</i> , <b>1993</b> , 2, 571-6	5.6	37