Alessia Pepe

List of Publications by Citations

86 papers	1,941 citations	23 h-index	41 g-index
95 ext. papers	2,429 ext. citations	4.4 avg, IF	3.98 L-index

#	Paper	IF	Citations
86	Multislice multiecho T2* cardiovascular magnetic resonance for detection of the heterogeneous distribution of myocardial iron overload. *Journal of Magnetic Resonance Imaging*, **2006**, 23, 662-8	5.6	138
85	Cardiac and hepatic iron and ejection fraction in thalassemia major: multicentre prospective comparison of combined deferiprone and deferoxamine therapy against deferiprone or deferoxamine monotherapy. *Journal of Cardiovascular Magnetic Resonance*, **2013**, 15, 1	6.9	111
84	Deferasirox, deferiprone and desferrioxamine treatment in thalassemia major patients: cardiac iron and function comparison determined by quantitative magnetic resonance imaging. *Haematologica*, **2011**, 96, 41-7	6.6	105
83	Evaluation of the efficacy of oral deferiprone in beta-thalassemia major by multislice multiecho T2*. *European Journal of Haematology*, **2006**, 76, 183-92	3.8	101
82	Improved T2* assessment in liver iron overload by magnetic resonance imaging. *Magnetic Resonance Imaging*, **2009**, 27, 188-97	3.3	94
81	Standardized T2* map of normal human heart in vivo to correct T2* segmental artefacts. *NMR in Biomedicine*, **2007**, 20, 578-90	4.4	88
80	Multicenter validation of the magnetic resonance T2* technique for segmental and global quantification of myocardial iron. *Journal of Magnetic Resonance Imaging*, **2009**, 30, 62-8	5.6	82
79	Cardiac iron and cardiac disease in males and females with transfusion-dependent thalassemia major: a T2* magnetic resonance imaging study. *Haematologica*, **2011**, 96, 515-20	6.6	80
78	Guideline recommendations for heart complications in thalassemia major. *Journal of Cardiovascular Medicine*, **2008**, 9, 515-25	1.9	66
77	Reference values of cardiac volumes, dimensions, and new functional parameters by MR: A multicenter, multivendor study. *Journal of Magnetic Resonance Imaging*, **2017**, 45, 1055-1067	5.6	62
76	Multimodality Imaging in Restrictive Cardiomyopathies: An EACVI expert consensus document In collaboration with the "Working Group on myocardial and pericardial diseases" of the European Society of Cardiology Endorsed by The Indian Academy of Echocardiography. *European Heart Journal Cardiovascular Imaging*, **2017**, 18, 1090-1121	4.1	58
75	Multiparametric Cardiac Magnetic Resonance Survey in Children With Thalassemia Major: A Multicenter Study. *Circulation: Cardiovascular Imaging*, **2015**, 8, e003230	3.9	51
74	The use of appropriate calibration curves corrects for systematic differences in liver R2* values measured using different software packages. *British Journal of Haematology*, **2013**, 161, 888-91	4.5	49
73	Single region of interest versus multislice T2* MRI approach for the quantification of hepatic iron overload. *Journal of Magnetic Resonance Imaging*, **2011**, 33, 348-55	5.6	45
72	Prediction of cardiac complications for thalassemia major in the widespread cardiac magnetic resonance era: a prospective multicentre study by a multi-parametric approach. *European Heart Journal Cardiovascular Imaging*, **2018**, 19, 299-309	4.1	43
71	Myocardial iron overload in thalassaemia major. How early to check?. *British Journal of Haematology* , **2014**, 164, 579-85	4.5	39
70	Multislice multiecho T2* cardiac magnetic resonance for the detection of heterogeneous myocardial iron distribution in thalassaemia patients. *NMR in Biomedicine*, **2009**, 22, 707-15	4.4	39

69	Preferential patterns of myocardial iron overload by multislice multiecho T*2 CMR in thalassemia major patients. *Magnetic Resonance in Medicine*, **2010**, 64, 211-9	4.4	39
68	Cardiac complications and diabetes in thalassaemia major: a large historical multicentre study. *British Journal of Haematology*, **2013**, 163, 520-7	4.5	38
67	Increased survival and reversion of iron-induced cardiac disease in patients with thalassemia major receiving intensive combined chelation therapy as compared to desferoxamine alone. *Blood Cells, Molecules, and Diseases*, **2010**, 45, 136-9	2.1	38
66	Different patterns of myocardial iron distribution by whole-heart T2* magnetic resonance as risk markers for heart complications in thalassemia major. *International Journal of Cardiology*, **2014**, 177, 1012-9	3.2	29
65	Diabetes and Glucose Metabolism in Thalassemia Major: An Update. *Expert Review of Hematology*, **2016**, 9, 401-8	2.8	25
64	Influence of myocardial fibrosis and blood oxygenation on heart T2* values in thalassemia patients. *Journal of Magnetic Resonance Imaging*, **2009**, 29, 832-7	5.6	24
63	Improvement of heart iron with preserved patterns of iron store by CMR-guided chelation therapy. *European Heart Journal Cardiovascular Imaging*, **2015**, 16, 325-34	4.1	21
62	Regional and global pancreatic T*2 MRI for iron overload assessment in a large cohort of healthy subjects: normal values and correlation with age and gender. *Magnetic Resonance in Medicine*, **2011**, 65, 764-9	4.4	21
61	Safety of cardiovascular magnetic resonance gadolinium chelates contrast agents in patients with hemoglobinopathies. *Haematologica*, **2009**, 94, 1625-7	6.6	21
60	Pattern of complications and burden of disease in patients affected by beta thalassemia major. *Current Medical Research and Opinion*, **2017**, 33, 1525-1533	2.5	20
59	Standardized T2* map of a normal human heart to correct T2* segmental artefacts; myocardial iron overload and fibrosis in thalassemia intermedia versus thalassemia major patients and electrocardiogram changes in thalassemia major patients. *Hemoglobin*, **2008**, 32, 97-107	0.6	20
58	Pancreatic iron overload by T2* MRI in a large cohort of well treated thalassemia major patients: can it tell us heart iron distribution and function?. *American Journal of Hematology*, **2015**, 90, E189-90	7.1	19
57	Extramedullary hematopoiesis is associated with lower cardiac iron loading in chronically transfused thalassemia patients. *American Journal of Hematology*, **2015**, 90, 1008-12	7.1	19
56	Myocardial fibrosis by late gadolinium enhancement cardiac magnetic resonance and hepatitis C virus infection in thalassemia major patients. *Journal of Cardiovascular Medicine*, **2015**, 16, 689-95	1.9	17
55	Cardiac magnetic resonance predicts ventricular arrhythmias in scleroderma: the Scleroderma Arrhythmia Clinical Utility Study (SAnCtUS). *Rheumatology*, **2020**, 59, 1938-1948	3.9	16
54	MRI multicentre prospective survey in thalassaemia major patients treated with deferasirox versus deferiprone and desferrioxamine. *British Journal of Haematology*, **2018**, 183, 783-795	4.5	16
53	Detection of myocardial iron overload by two-dimensional speckle tracking in patients with beta-thalassaemia major: a combined echocardiographic and T2* segmental CMR study. *International Journal of Cardiovascular Imaging*, **2018**, 34, 263-271	2.5	15
52	Clinical recommendations of cardiac magnetic resonance, Part II: inflammatory and congenital heart disease, cardiomyopathies and cardiac tumors: a position paper of the working group Applicazioni della Risonanza Magnetica of the Italian Society of Cardiology. *Journal of Cardiovascular Medicine*, **2017**, 18, 209-222	1.9	14

51	Comparison of biventricular dimensions and function between pediatric sickle-cell disease and thalassemia major patients without cardiac iron. *American Journal of Hematology*, **2013**, 88, 213-8	7.1	14
50	Fast generation of T2* maps in the entire range of clinical interest: application to thalassemia major patients. *Computers in Biology and Medicine*, **2015**, 56, 200-10	7	13
49	Gender differences in the development of cardiac complications: a multicentre study in a large cohort of thalassaemia major patients to optimize the timing of cardiac follow-up. *British Journal of Haematology*, **2018**, 180, 879-888	4.5	12
48	The Close Link of Pancreatic Iron With Glucose Metabolism and With Cardiac Complications in Thalassemia Major: A Large, Multicenter Observational Study. *Diabetes Care*, **2020**, 43, 2830-2839	14.6	11
47	Cardiovascular imaging in the diagnosis and monitoring of cardiotoxicity: cardiovascular magnetic resonance and nuclear cardiology. *Journal of Cardiovascular Medicine*, **2016**, 17 Suppl 1, S45-54	1.9	11
46	Accurate estimate of pancreatic T2* values: how to deal with fat infiltration. *Abdominal Imaging*, **2015**, 40, 3129-36		10
45	Multicenter validation of the magnetic resonance T2* technique for quantification of pancreatic iron. *European Radiology*, **2019**, 29, 2246-2252	8	10
44	Cost-Utility Analysis of Three Iron Chelators Used in Monotherapy for the Treatment of Chronic Iron Overload in Thalassaemia Major Patients: An Italian Perspective. *Clinical Drug Investigation*, **2017**, 37, 453-464	3.2	9
43	CMR for myocardial iron overload quantification: calibration curve from the MIOT Network. *European Radiology*, **2020**, 30, 3217-3225	8	9
42	The impact of liver steatosis on the ability of serum ferritin levels to be predictive of liver iron concentration in non-transfusion-dependent thalassaemia patients. *British Journal of Haematology*, **2018**, 180, 721-726	4.5	9
41	Nontraditional Cardiovascular Biomarkers and Risk Factors: Rationale and Future Perspectives. *Biomolecules*, **2018**, 8,	5.9	9
40	Soluble form of transferrin receptor-1 level is associated with the age at first diagnosis and the risk of therapeutic intervention and iron overloading in patients with non-transfusion-dependent thalassemia. *Annals of Hematology*, **2017**, 96, 1541-1546	3	9
39	Soluble form of transferrin receptor as a biomarker of overall morbidity in patients with non-transfusion-dependent thalassaemia: a cross-sectional study. *Blood Transfusion*, **2016**, 14, 538-540	3.6	9
38	A critical review of non invasive procedures for the evaluation of body iron burden in thalassemia major patients. *Pediatric Endocrinology Reviews*, **2008**, 6 Suppl 1, 193-203	1.1	9
37	Left ventricle remodeling in patients with Thalassemia major. An emerging differential diagnosis with left ventricle noncompaction disease. *Clinical Imaging*, **2017**, 45, 58-64	2.7	8
36	The Italian multiregional thalassemia registry: Centers characteristics, services, and patientsR population. *Hematology*, **2016**, 21, 415-24	2.2	7
35	Quantitative T2* magnetic resonance imaging for renal iron overload assessment: normal values by age and sex. *Abdominal Imaging*, **2015**, 40, 1700-4		7
34	Cardiac R2* values are independent of the image analysis approach employed. *Magnetic Resonance in Medicine*, **2014**, 72, 485-91	4.4	7

33	Left Ventricular Volumes, Mass and Function normalized to the body surface area, age and gender from CMR in a large cohort of well-treated Thalassemia Major patients without myocardial iron overload. *Journal of Cardiovascular Magnetic Resonance*, **2011**, 13,	6.9	7
32	Extramedullary haematopoiesis correlates with genotype and absence of cardiac iron overload in polytransfused adults with thalassaemia. *Blood Transfusion*, **2014**, 12 Suppl 1, s124-30	3.6	7
31	Cardiac involvement by CMR in different genotypic groups of thalassemia major patients. *Blood Cells, Molecules, and Diseases*, **2019**, 77, 1-7	2.1	5
30	Non-compact myocardium assessment by cardiac magnetic resonance: dependence on image analysis method. *International Journal of Cardiovascular Imaging*, **2018**, 34, 1227-1238	2.5	5
29	Longitudinal follow-up of patients with thalassaemia intermedia who started transfusion therapy in adulthood: a cohort study. *British Journal of Haematology*, **2020**, 191, 107-114	4.5	5
28	Biventricular Reference Values by Body Surface Area, Age, and Gender in a Large Cohort of Well-Treated Thalassemia Major Patients Without Heart Damage Using a Multiparametric CMR Approach. *Journal of Magnetic Resonance Imaging*, **2021**, 53, 61-70	5.6	5
27	Expert opinion on managing chronic HCV in patients with cardiovascular disease. *Antiviral Therapy*, **2018**, 23, 35-46	1.6	5
26	Serum Organ-Specific Anti-Heart and Anti-Intercalated Disk Autoantibodies as New Autoimmune Markers of Cardiac Involvement in Systemic Sclerosis: Frequency, Clinical and Prognostic Correlates. *Diagnostics*, **2021**, 11,	3.8	4
25	Cardiovascular magnetic resonance in women with cardiovascular disease: position statement from the Society for Cardiovascular Magnetic Resonance (SCMR). *Journal of Cardiovascular Magnetic Resonance*, **2021**, 23, 52	6.9	4
24	Estimation of pancreatic R2* for iron overload assessment in the presence of fat: a comparison of different approaches. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2018**, 31, 757-769	2.8	4
23	Prospective CMR Survey in Children With Thalassemia Major: Insights From a National Network. *JACC: Cardiovascular Imaging*, **2020**, 13, 1284-1286	8.4	3
22	The prognostic role of CMR using global planimetric criteria in patients with excessive left ventricular trabeculation. *European Radiology*, **2021**, 31, 7553-7565	8	3
21	Survival and causes of death in 2,033 patients with non-transfusion-dependent thalassemia. *Haematologica*, **2021**, 106, 2489-2492	6.6	3
20	Myocardial iron overload by cardiovascular magnetic resonance native segmental T1 mapping: a sensitive approach that correlates with cardiac complications. *Journal of Cardiovascular Magnetic Resonance*, **2021**, 23, 70	6.9	3
19	National networking in rare diseases and reduction of cardiac burden in thalassemia major.. *European Heart Journal*, **2021**,	9.5	3
18	Prevalence of extramedullary hematopoiesis, renal cysts, splenic and hepatic lesions, and vertebral hemangiomas among thalassemic patients: a retrospective study from the Myocardial Iron Overload in Thalassemia (MIOT) network. *Annals of Hematology*, **2019**, 98, 1333-1339	3	2
17	The planimetric Grothoff's criteria by cardiac magnetic resonance can improve the specificity of left ventricular non-compaction diagnosis in thalassemia intermedia. *International Journal of Cardiovascular Imaging*, **2020**, 36, 1105-1112	2.5	2
16	Is there a difference in phenotype between males and females with non-transfusion-dependent thalassemia? A cross-sectional evaluation. *Hematology*, **2018**, 23, 522-525	2.2	2

15	Diagnostic Accuracy of CT Texture Analysis in Adrenal Masses: A Systematic Review.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
14	LIVER PANCREAS HEART TRIANGLE AND HCV IN THALASSEMIA: EXPANDING THE HORIZON THROUGH BIOMARKER NETWORKS. *International Journal of Hematology & Therapy*, **2017**, 3, 1-6		2
13	Myocardial T1 Values at 1.5 T: Normal Values for General Electric Scanners and Sex-Related Differences. *Journal of Magnetic Resonance Imaging*, **2021**, 54, 1486-1500	5.6	2
12	A complication risk score to evaluate clinical severity of thalassaemia syndromes. *British Journal of Haematology*, **2021**, 192, 626-633	4.5	2
11	Red blood cell consumption in a large cohort of patients with thalassaemia: a retrospective analysis of main predictors. *Annals of Hematology*, **2020**, 99, 1209-1215	3	1
10	Absence of T1 Hyperintensity in the Brain of High-risk Patients After Multiple Administrations of High-dose Gadobutrol for Cardiac Magnetic Resonance. *Clinical Neuroradiology*, **2021**, 31, 347-355	2.7	1
9	Relationship between uric acid levels and cardiometabolic findings in a large cohort of thalassemia major patients. *Biomarkers in Medicine*, **2018**, 12, 341-348	2.3	1
8	Myocardial T2 values at 1.5 T by a segmental approach with healthy aging and gender.. *European Radiology*, **2022**, 1	8	1
7	Direct Cost Analysis About The Three Chelators For The Treatment Of Thalassemia Patients With Chronic Iron Overload: An Italian Perspective From The MIOT Network. *Blood*, **2013**, 122, 5605-5605	2.2	1
6	Genotypic groups as risk factors for cardiac magnetic resonance abnormalities and complications in thalassemia major: a large, multicentre study. *Blood Transfusion*, **2021**, 19, 168-176	3.6	1
5	The Link of Pancreatic Iron with Glucose Metabolism and Cardiac Iron in Thalassemia Intermedia: A Large, Multicenter Observational Study. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
4	Prospective cardiac magnetic resonance imaging survey in myelodysplastic syndrome patients: insights from an Italian network. *Annals of Hematology*, **2021**, 100, 1139-1147	3	1
3	The effect of desferrioxamine chelation versus no therapy in patients with non transfusion-dependent thalassaemia: a multicenter prospective comparison from the MIOT network. *Annals of Hematology*, **2018**, 97, 1925-1932	3	1
2	The use of hydroxyurea in the real life of MIOT network: an observational study.. *Expert Opinion on Drug Safety*, **2022**, 1-8	4.1	0
1	Pressure-volume relationship by pharmacological stress cardiovascular magnetic resonance. *International Journal of Cardiovascular Imaging*, **2021**, 1	2.5	