

# Irene M Lang

## List of Publications by Citations

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383  
papers

28,205  
citations

67  
h-index

163  
g-index

421  
ext. papers

34,788  
ext. citations

6.7  
avg, IF

6.71  
L-index

#	Paper	IF	Citations
383	2015 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension: The Joint Task Force for the Diagnosis and Treatment of Pulmonary Hypertension of the European Society of Cardiology (ESC) and the European Respiratory Society (ERS): Endorsed by: Association for European Paediatric and Congenital Cardiology (AEPC), International Society for Heart and Lung	9.5	3455
382	Guidelines on the diagnosis and management of acute pulmonary embolism: the Task Force for the Diagnosis and Management of Acute Pulmonary Embolism of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , <b>2008</b> , 29, 2276-315	9.5	2125
381	2014 ESC guidelines on the diagnosis and management of acute pulmonary embolism. <i>European Heart Journal</i> , <b>2014</b> , 35, 3033-69, 3069a-3069k	9.5	1974
380	2015 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension: The Joint Task Force for the Diagnosis and Treatment of Pulmonary Hypertension of the European Society of Cardiology (ESC) and the European Respiratory Society (ERS): Endorsed by: Association for European Paediatric and Congenital Cardiology (AEPC), International Society for Heart and Lung	13.6	1672
379	Cellular and molecular pathobiology of pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 13S-24S	15.1	1097
378	Predictors of outcome in severe, asymptomatic aortic stenosis. <i>New England Journal of Medicine</i> , <b>2000</b> , 343, 611-7	59.2	954
377	Fibrinolysis for patients with intermediate-risk pulmonary embolism. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1402-11	59.2	852
376	Chronic thromboembolic pulmonary hypertension (CTEPH): results from an international prospective registry. <i>Circulation</i> , <b>2011</b> , 124, 1973-81	16.7	630
375	Selexipag for the Treatment of Pulmonary Arterial Hypertension. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 2522-33	59.2	521
374	Surgical management and outcome of patients with chronic thromboembolic pulmonary hypertension: results from an international prospective registry. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 141, 702-10	1.5	454
373	2015 ESC Guidelines for the management of patients with ventricular arrhythmias and the prevention of sudden cardiac death: The Task Force for the Management of Patients with Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death of the European Society of Cardiology (ESC) Endorsed by the Association for European Paediatric and Congenital Cardiology	3.9	426
372	Bosentan for treatment of inoperable chronic thromboembolic pulmonary hypertension: BENEFIT (Bosentan Effects in iNoperable Forms of chronic Thromboembolic pulmonary hypertension), a randomized, placebo-controlled trial. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 2127-34	15.1	409
371	Chronic thromboembolic pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, D92-9	15.1	404
370	Long-Term Outcome of Patients With Chronic Thromboembolic Pulmonary Hypertension: Results From an International Prospective Registry. <i>Circulation</i> , <b>2016</b> , 133, 859-71	16.7	331
369	2020 ESC Guidelines for the management of adult congenital heart disease. <i>European Heart Journal</i> , <b>2021</b> , 42, 563-645	9.5	290
368	Diagnosis, assessment, and treatment of non-pulmonary arterial hypertension pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, S85-S96	15.1	284
367	Coronary neutrophil extracellular trap burden and deoxyribonuclease activity in ST-elevation acute coronary syndrome are predictors of ST-segment resolution and infarct size. <i>Circulation Research</i> , <b>2015</b> , 116, 1182-92	15.7	269

366	Diastolic pulmonary vascular pressure gradient: a predictor of prognosis in "out-of-proportion" pulmonary hypertension. <i>Chest</i> , <b>2013</b> , 143, 758-766	5.3	266
365	Risk factors and basic mechanisms of chronic thromboembolic pulmonary hypertension: a current understanding. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 462-8	13.6	258
364	Effects of pantoprazole and esomeprazole on platelet inhibition by clopidogrel. <i>American Heart Journal</i> , <b>2009</b> , 157, 148.e1-5	4.9	248
363	Mechanisms underlying aortic dilatation in congenital aortic valve malformation. <i>Circulation</i> , <b>1999</b> , 99, 2138-43	16.7	245
362	Predictors of outcome in chronic thromboembolic pulmonary hypertension. <i>Circulation</i> , <b>2007</b> , 115, 2153-8	16.7	225
361	Calcium-channel blockers reduce the antiplatelet effect of clopidogrel. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 1557-63	15.1	219
360	Pulmonary hypertension due to left heart disease. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	209
359	Selexipag: an oral, selective prostacyclin receptor agonist for the treatment of pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2012</b> , 40, 874-80	13.6	203
358	Medical conditions increasing the risk of chronic thromboembolic pulmonary hypertension. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 93, 512-6	7	201
357	Update on chronic thromboembolic pulmonary hypertension. <i>Circulation</i> , <b>2014</b> , 130, 508-18	16.7	194
356	Interventional and surgical modalities of treatment in pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, S67-S77	15.1	191
355	Impact of Thrombolytic Therapy on the Long-Term Outcome of Intermediate-Risk Pulmonary Embolism. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 1536-1544	15.1	176
354	Efficacy of long-term subcutaneous treprostinil sodium therapy in pulmonary hypertension. <i>Chest</i> , <b>2006</b> , 129, 1636-43	5.3	170
353	High prevalence of elevated clotting factor VIII in chronic thromboembolic pulmonary hypertension. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 90, 372-6	7	168
352	Chronic thromboembolic pulmonary hypertension—not so rare after all. <i>New England Journal of Medicine</i> , <b>2004</b> , 350, 2236-8	59.2	168
351	A transcatheter intracardiac shunt device for heart failure with preserved ejection fraction (REDUCE LAP-HF): a multicentre, open-label, single-arm, phase 1 trial. <i>Lancet, The</i> , <b>2016</b> , 387, 1298-304	4.0	166
350	Rapid endovascular catheter core cooling combined with cold saline as an adjunct to percutaneous coronary intervention for the treatment of acute myocardial infarction. The CHILL-MI trial: a randomized controlled study of the use of central venous catheter core cooling combined with cold saline as an adjunct to percutaneous coronary intervention for the treatment of acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 1536-1544	15.1	164
349	Acute hemodynamic effects of riociguat in patients with pulmonary hypertension associated with diastolic heart failure (DILATE-1): a randomized, double-blind, placebo-controlled, single-dose study. <i>Chest</i> , <b>2014</b> , 146, 1274-1285	5.3	162

348	X-sizer for thrombectomy in acute myocardial infarction improves ST-segment resolution: results of the X-sizer in AMI for negligible embolization and optimal ST resolution (X AMINE ST) trial. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 246-52	15.1	158
347	Refining the prognostic impact of functional mitral regurgitation in chronic heart failure. <i>European Heart Journal</i> , <b>2018</b> , 39, 39-46	9.5	156
346	Pulmonary Hypertension in Heart Failure. Epidemiology, Right Ventricular Function, and Survival. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 192, 1234-46	10.2	148
345	Intracoronary thrombectomy with the X-sizer catheter system improves epicardial flow and accelerates ST-segment resolution in patients with acute coronary syndrome: a prospective, randomized, controlled study. <i>Circulation</i> , <b>2002</b> , 105, 2355-60	16.7	143
344	Interventional and surgical modalities of treatment for pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 735-80S	15.1	138
343	Guía ESC/ERS 2015 sobre diagnóstico y tratamiento de la hipertensión pulmonar. <i>Revista Española De Cardiología</i> , <b>2016</b> , 69, 177.e1-177.e62	1.5	137
342	Macitentan for the treatment of inoperable chronic thromboembolic pulmonary hypertension (MERIT-1): results from the multicentre, phase 2, randomised, double-blind, placebo-controlled study. <i>Lancet Respiratory Medicine</i> , <b>2017</b> , 5, 785-794	35.1	133
341	Balloon pulmonary angioplasty in chronic thromboembolic pulmonary hypertension. <i>European Respiratory Review</i> , <b>2017</b> , 26,	9.8	130
340	T1 Mapping by CMR Imaging: From Histological Validation to Clinical Implication. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 14-23	8.4	124
339	Effects of sex and age on growth hormone response to growth hormone-releasing hormone in healthy individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1987</b> , 65, 535-40	5.6	124
338	Cardiac magnetic resonance postcontrast T1 time is associated with outcome in patients with heart failure and preserved ejection fraction. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 1056-65	3.9	123
337	Coronary no-reflow is caused by shedding of active tissue factor from dissected atherosclerotic plaque. <i>Blood</i> , <b>2002</b> , 99, 2794-800	2.2	117
336	Bosentan therapy for inoperable chronic thromboembolic pulmonary hypertension. <i>Chest</i> , <b>2005</b> , 128, 2599-603	5.3	110
335	Combined delivery approach of bone marrow mononuclear stem cells early and late after myocardial infarction: the MYSTAR prospective, randomized study. <i>Nature Clinical Practice Cardiovascular Medicine</i> , <b>2009</b> , 6, 70-81		98
334	Chronic heart failure leads to an expanded plasma volume and pseudoanaemia, but does not lead to a reduction in the body's red cell volume. <i>European Heart Journal</i> , <b>2008</b> , 29, 2343-50	9.5	98
333	Left ventricular diastolic dysfunction in patients with COPD in the presence and absence of elevated pulmonary arterial pressure. <i>Chest</i> , <b>2008</b> , 133, 1354-1359	5.3	88
332	Local complement activation triggers neutrophil recruitment to the site of thrombus formation in acute myocardial infarction. <i>Thrombosis and Haemostasis</i> , <b>2009</b> , 102, 564-72	7	87
331	Asymmetric dimethylarginine is increased in chronic thromboembolic pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 1154-60	10.2	86

330	Role for staphylococci in misguided thrombus resolution of chronic thromboembolic pulmonary hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 678-84	9.4	85
329	The Pathobiology of Chronic Thromboembolic Pulmonary Hypertension. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13 Suppl 3, S215-21	4.7	83
328	Circulating microparticles carry oxidation-specific epitopes and are recognized by natural IgM antibodies. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 440-8	6.3	80
327	Chronic thromboembolic pulmonary hypertension (CTEPH): updated Recommendations of the Cologne Consensus Conference 2011. <i>International Journal of Cardiology</i> , <b>2011</b> , 154 Suppl 1, S54-60	3.2	79
326	Vascular and right ventricular remodelling in chronic thromboembolic pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 224-32	13.6	78
325	Factors associated with diagnosis and operability of chronic thromboembolic pulmonary hypertension. A case-control study. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 110, 83-91	7	77
324	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Perioperative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , <b>2017</b> , 38, 2392-2407	9.5	75
323	Defective angiogenesis delays thrombus resolution: a potential pathogenetic mechanism underlying chronic thromboembolic pulmonary hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 810-819	9.4	74
322	Phenotyping vs. genotyping for prediction of clopidogrel efficacy and safety: the PEGASUS-PCI study. <i>Journal of Thrombosis and Haemostasis</i> , <b>2012</b> , 10, 529-42	15.4	73
321	Right ventricular load at exercise is a cause of persistent exercise limitation in patients with normal resting pulmonary vascular resistance after pulmonary endarterectomy. <i>Chest</i> , <b>2011</b> , 139, 122-7	5.3	73
320	Interleukin 8 (IL-8) - a universal biomarker?. <i>International Archive of Medicine</i> , <b>2010</b> , 3, 11		73
319	Comprehensive analysis of inflammatory markers in chronic thromboembolic pulmonary hypertension patients. <i>European Respiratory Journal</i> , <b>2014</b> , 44, 951-62	13.6	71
318	Prognostic value of plasma midregional pro-adrenomedullin and C-terminal-pro-endothelin-1 in chronic heart failure outpatients. <i>European Journal of Heart Failure</i> , <b>2009</b> , 11, 361-6	12.3	70
317	ERS statement on chronic thromboembolic pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	70
316	The Impact of Post-Procedural Asymmetry, Expansion, and Eccentricity of Bioresorbable Everolimus-Eluting Scaffold and Metallic Everolimus-Eluting Stent on Clinical Outcomes in the ABSORB II Trial. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 1231-1242	5	65
315	Pulmonary hypertension in heart failure with preserved ejection fraction: a plea for proper phenotyping and further research. <i>European Heart Journal</i> , <b>2017</b> , 38, 2869-2873	9.5	64
314	Chronic thromboembolic pulmonary hypertension: a distinct disease entity. <i>European Respiratory Review</i> , <b>2015</b> , 24, 246-52	9.8	62
313	Prognostic factors associated with increased survival in patients with pulmonary arterial hypertension treated with subcutaneous treprostinil in randomized, placebo-controlled trials. <i>Journal of Heart and Lung Transplantation</i> , <b>2011</b> , 30, 982-9	5.8	61

312	Chronic thromboembolic pulmonary hypertension (CTEPH): Updated Recommendations from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , <b>2018</b> , 272S, 69-78	3.2	61
311	Selexipag for the treatment of connective tissue disease-associated pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	58
310	Pulmonary vascular reactivity and prognosis in patients with chronic thromboembolic pulmonary hypertension: a pilot study. <i>Circulation</i> , <b>2009</b> , 119, 298-305	16.7	58
309	Role of adult bone marrow stem cells in the repair of ischemic myocardium: current state of the art. <i>Experimental Hematology</i> , <b>2008</b> , 36, 672-80	3.1	58
308	Imaging in pulmonary hypertension. <i>JACC: Cardiovascular Imaging</i> , <b>2010</b> , 3, 1287-95	8.4	56
307	Systematic primary aspiration in acute myocardial percutaneous intervention: a multicentre randomised controlled trial of the export aspiration catheter. <i>EuroIntervention</i> , <b>2008</b> , 4, 222-8	3.1	55
306	Lung transplantation for idiopathic pulmonary arterial hypertension on intraoperative and postoperatively prolonged extracorporeal membrane oxygenation provides optimally controlled reperfusion and excellent outcome. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 178-185	3	54
305	Chronic thromboembolic pulmonary hypertension: an updated review. <i>Current Opinion in Cardiology</i> , <b>2008</b> , 23, 555-9	2.1	54
304	A Decrease in Plasminogen Activator Inhibitor-1 Activity after Successful Percutaneous Transluminal Coronary Angioplasty Is Associated with a Significantly Reduced Risk for Coronary Restenosis. <i>Thrombosis and Haemostasis</i> , <b>1992</b> , 67, 209-213	7	54
303	Subcutaneous treprostinil for the treatment of severe non-operable chronic thromboembolic pulmonary hypertension (CTREPH): a double-blind, phase 3, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , <b>2019</b> , 7, 239-248	35.1	54
302	Hemodynamic Phenotyping of Pulmonary Hypertension in Left Heart Failure. <i>Circulation: Heart Failure</i> , <b>2017</b> , 10,	7.6	53
301	Loss of high-molecular-weight von Willebrand factor multimers mainly affects platelet aggregation in patients with aortic stenosis. <i>Thrombosis and Haemostasis</i> , <b>2010</b> , 103, 408-14	7	52
300	Recent advances in targeting the prostacyclin pathway in pulmonary arterial hypertension. <i>European Respiratory Review</i> , <b>2015</b> , 24, 630-41	9.8	51
299	Quantitative assessment of human serum high-abundance protein depletion. <i>Electrophoresis</i> , <b>2008</b> , 29, 4316-23	3.6	51
298	Frequency, risk factors, and impact on mortality of arterial thromboembolism in patients with cancer. <i>Haematologica</i> , <b>2018</b> , 103, 1549-1556	6.6	51
297	Pulmonary Arterial Hypertension-Related Morbidity Is Prognostic for Mortality. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 752-763	15.1	50
296	Association of PCSK9 with platelet reactivity in patients with acute coronary syndrome treated with prasugrel or ticagrelor: The PCSK9-REACT study. <i>International Journal of Cardiology</i> , <b>2017</b> , 227, 644-649	3.2	50
295	Risk factors for chronic thromboembolic pulmonary hypertension. <i>Proceedings of the American Thoracic Society</i> , <b>2006</b> , 3, 568-70		50

294	Citrullinated histone H3, a biomarker for neutrophil extracellular trap formation, predicts the risk of mortality in patients with cancer. <i>British Journal of Haematology</i> , <b>2019</b> , 186, 311-320	4.5	49
293	Effect of radio contrast media on residual renal function in peritoneal dialysis patients--a prospective study. <i>Nephrology Dialysis Transplantation</i> , <b>2006</b> , 21, 1334-9	4.3	48
292	Recombinant rabbit Fab with binding activity to type-1 plasminogen activator inhibitor derived from a phage-display library against human alpha-granules. <i>Gene</i> , <b>1996</b> , 172, 295-8	3.8	46
291	Splenectomy is modifying the vascular remodeling of thrombosis. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000772	6	44
290	The adult patient with Eisenmenger syndrome: a medical update after Dana Point part I: epidemiology, clinical aspects and diagnostic options. <i>Current Cardiology Reviews</i> , <b>2010</b> , 6, 343-55	2.4	44
289	Angiostatic factors in the pulmonary endarterectomy material from chronic thromboembolic pulmonary hypertension patients cause endothelial dysfunction. <i>PLoS ONE</i> , <b>2012</b> , 7, e43793	3.7	41
288	Design and rationale for the Myocardial Stem Cell Administration After Acute Myocardial Infarction (MYSTAR) Study: a multicenter, prospective, randomized, single-blind trial comparing early and late intracoronary or combined (percutaneous intramyocardial and intracoronary) administration of nonselected autologous bone marrow cells to patients after acute myocardial infarction. <i>American</i>	4.9	40
287	Pulmonary artery thromboendarterectomy: a comparison of two different postoperative treatment strategies. <i>Anesthesia and Analgesia</i> , <b>2000</b> , 90, 267-73	3.9	40
286	Combination Therapy with Oral Treprostinil for Pulmonary Arterial Hypertension. A Double-Blind Placebo-controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 707-717	10.2	40
285	Determinants of diagnostic delay in chronic thromboembolic pulmonary hypertension: results from the European CTEPH Registry. <i>European Respiratory Journal</i> , <b>2018</b> , 52,	13.6	40
284	Targeting the Prostacyclin Pathway with Selexipag in Patients with Pulmonary Arterial Hypertension Receiving Double Combination Therapy: Insights from the Randomized Controlled GRIPHON Study. <i>American Journal of Cardiovascular Drugs</i> , <b>2018</b> , 18, 37-47	4	39
283	Beneficial effects of levosimendan on survival in patients undergoing extracorporeal membrane oxygenation after cardiovascular surgery. <i>British Journal of Anaesthesia</i> , <b>2016</b> , 117, 52-8	5.4	39
282	Arterial Remodeling After Bioresorbable Scaffolds and Metallic Stents. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 60-74	15.1	39
281	The Adult Patient with Eisenmenger Syndrome: A Medical Update after Dana Point Part III: Specific Management and Surgical Aspects. <i>Current Cardiology Reviews</i> , <b>2010</b> , 6, 363-72	2.4	39
280	Therapeutic hypothermia for the treatment of acute myocardial infarction-combined analysis of the RAPID MI-ICE and the CHILL-MI trials. <i>Therapeutic Hypothermia and Temperature Management</i> , <b>2015</b> , 5, 77-84	1.3	38
279	Long-term treatment, tolerability, and survival with sub-cutaneous treprostinil for severe pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , <b>2012</b> , 31, 735-43	5.8	37
278	Expression of the angiogenic protein, platelet-derived endothelial cell growth factor, in coronary atherosclerotic plaques: In vivo correlation of lesional microvessel density and constrictive vascular remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1999</b> , 19, 2340-7	9.4	37
277	Liver function predicts survival in patients undergoing extracorporeal membrane oxygenation following cardiovascular surgery. <i>Critical Care</i> , <b>2016</b> , 20, 57	10.8	36

276	Neutrophil extracellular traps and fibrocytes in ST-segment elevation myocardial infarction. <i>Basic Research in Cardiology</i> , <b>2019</b> , 114, 33	11.8	36
275	Aerosolized iloprost therapy could not replace long-term IV epoprostenol (prostacyclin) administration in severe pulmonary hypertension. <i>Chest</i> , <b>2001</b> , 119, 296-300	5.3	36
274	Elevated expression of urokinase-like plasminogen activator and plasminogen activator inhibitor type 1 during the vascular remodeling associated with pulmonary thromboembolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 808-15	9.4	36
273	Accumulation of oxidized LDL in human semilunar valves correlates with coronary atherosclerosis. <i>Cardiovascular Research</i> , <b>2000</b> , 45, 874-82	9.9	35
272	Platelet endothelial cell adhesion molecule 1 deficiency misguides venous thrombus resolution. <i>Blood</i> , <b>2013</b> , 122, 3376-84	2.2	34
271	Current and future management of chronic thromboembolic pulmonary hypertension: from diagnosis to treatment responses. <i>Proceedings of the American Thoracic Society</i> , <b>2006</b> , 3, 601-7		34
270	Calcium-dependent stabilization of type I plasminogen activator inhibitor within platelet alpha-granules. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 2754-61	5.4	34
269	Impact of an interatrial shunt device on survival and heart failure hospitalization in patients with preserved ejection fraction. <i>ESC Heart Failure</i> , <b>2019</b> , 6, 62-69	3.7	34
268	Light-chain and transthyretin cardiac amyloidosis in severe aortic stenosis: prevalence, screening possibilities, and outcome. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1852-1862	12.3	33
267	Chronic complications of venous thromboembolism. <i>Journal of Thrombosis and Haemostasis</i> , <b>2017</b> , 15, 1531-1540	15.4	33
266	Association of N-Terminal Pro Brain Natriuretic Peptide and Long-Term Outcome in Patients With Pulmonary Arterial Hypertension. <i>Circulation</i> , <b>2019</b> , 139, 2440-2450	16.7	32
265	Pulmonary hypertension associated with left heart disease: Updated Recommendations of the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , <b>2018</b> , 272S, 53-62	3.2	32
264	Prognostic Significance and Determinants of the 6-Min Walk Test in Patients With Heart Failure and Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , <b>2015</b> , 3, 459-466	7.9	32
263	The effect of antiplatelet drugs clopidogrel and aspirin is less immediately after stent implantation. <i>Thrombosis Research</i> , <b>2009</b> , 123, 874-80	8.2	32
262	Active endothelin is an important vasoconstrictor in acute coronary thrombi. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 97, 642-9	7	31
261	Images in cardiovascular medicine. Left main coronary artery compression by the pulmonary trunk in pulmonary hypertension. <i>Circulation</i> , <b>2002</b> , 105, 265	16.7	30
260	Edoxaban versus Vitamin K Antagonist for Atrial Fibrillation after TAVR. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 2150-2160	59.2	30
259	A clinical comparison of slow- and rapid-escalation treprostinil dosing regimens in patients with pulmonary hypertension. <i>Clinical Pharmacokinetics</i> , <b>2008</b> , 47, 611-8	6.2	29



258	Identification of a novel exon in apolipoprotein E receptor 2 leading to alternatively spliced mRNAs found in cells of the vascular wall but not in neuronal tissue. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 13192-7	5.4	29
257	Microvascular Disease in Chronic Thromboembolic Pulmonary Hypertension: Hemodynamic Phenotyping and Histomorphometric Assessment. <i>Circulation</i> , <b>2020</b> , 141, 376-386	16.7	29
256	From thrombosis to fibrosis in chronic thromboembolic pulmonary hypertension. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 769-783	7	28
255	Atrial septal defect repair after a 10-month treatment with bosentan in a patient with severe pulmonary arterial hypertension: a case report. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2009</b> , 137, 760-1	1.5	27
254	Vascular morphogenesis by adult bone marrow progenitor cells in three-dimensional fibrin matrices. <i>Differentiation</i> , <b>2008</b> , 76, 772-83	3.5	27
253	Abciximab as a bridging strategy to overcome morphine-prasugrel interaction in STEMI patients. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 82, 1343-1350	3.8	27
252	Heart failure subtypes and thromboembolic risk in patients with atrial fibrillation: The PREFER in AF - HF substudy. <i>International Journal of Cardiology</i> , <b>2018</b> , 265, 141-147	3.2	26
251	Evolution of secondary mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 622-629	4.1	26
250	An international physician survey of chronic thromboembolic pulmonary hypertension management. <i>Pulmonary Circulation</i> , <b>2016</b> , 6, 472-482	2.7	26
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97	Polyunsaturated fatty acids supplementation impairs anti-oxidant high-density lipoprotein function in heart failure. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e12998	4.6	4

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