Magnus BÃ¤ck

List of Publications by Year
in descending order

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200	16,070	38742 50	18647 119
papers	citations	h-index	g-index

205	205	205	19659
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. European Heart Journal, 2020, 41, 407-477.	2.2	4,210
2	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. European Heart Journal, 2021, 42, 3227-3337.	2.2	2,517
3	Inflammation and its resolution in atherosclerosis: mediators and therapeutic opportunities. Nature Reviews Cardiology, 2019, 16, 389-406.	13.7	684
4	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141.	5.4	519
5	Biomechanical factors in atherosclerosis: mechanisms and clinical implications. European Heart Journal, 2014, 35, 3013-3020.	2.2	359
6	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€coupled receptors. British Journal of Pharmacology, 2021, 178, S27-S156.	5.4	337
7	Endothelial dysfunction in COVID-19: a position paper of the ESC Working Group for Atherosclerosis and Vascular Biology, and the ESC Council of Basic Cardiovascular Science. Cardiovascular Research, 2020, 116, 2177-2184.	3.8	331
8	Anti-inflammatory therapies for atherosclerosis. Nature Reviews Cardiology, 2015, 12, 199-211.	13.7	315
9	Body mass index and body composition in relation to 14 cardiovascular conditions in UK Biobank: a Mendelian randomization study. European Heart Journal, 2020, 41, 221-226.	2.2	259
10	Leukotriene B4 signaling through NF-ÂB-dependent BLT1 receptors on vascular smooth muscle cells in atherosclerosis and intimal hyperplasia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17501-17506.	7.1	219
11	Biomechanical factors in the biology of aortic wall and aortic valve diseases. Cardiovascular Research, 2013, 99, 232-241.	3.8	195
12	Novel methodologies for biomarker discovery in atherosclerosis. European Heart Journal, 2015, 36, 2635-2642.	2.2	174
13	Update on leukotriene, lipoxin and oxoeicosanoid receptors: IUPHAR Review 7. British Journal of Pharmacology, 2014, 171, 3551-3574.	5.4	173
14	Matrix Metalloproteinases in Atherothrombosis. Progress in Cardiovascular Diseases, 2010, 52, 410-428.	3.1	164
15	Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology Working Groups on Atherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis. Cardiovascular Research, 2021, 117, 29-42.	3.8	164
16	Type 1 and type 2 diabetes mellitus and incidence of seven cardiovascular diseases. International Journal of Cardiology, 2018, 262, 66-70.	1.7	140
17	International Union of Basic and Clinical Pharmacology. LXXXIV: Leukotriene Receptor Nomenclature, Distribution, and Pathophysiological Functions. Pharmacological Reviews, 2011, 63, 539-584.	16.0	134
18	Inflammation and Premature Ageing in Chronic Kidney Disease. Toxins, 2020, 12, 227.	3.4	126

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19	Lipoxin and Resolvin Receptors Transducing the Resolution of Inflammation in Cardiovascular Disease. Frontiers in Pharmacology, 2018, 9, 1273.	3.5	117
20	Leukotriene Signaling in Atherosclerosis and Ischemia. Cardiovascular Drugs and Therapy, 2009, 23, 41-48.	2.6	108
21	5-Lipoxygenaseâ€“Activating Protein. Circulation Research, 2007, 100, 946-949.	4.5	107
22	ERV1/ChemR23 Signaling Protects Against Atherosclerosis by Modifying Oxidized Low-Density Lipoprotein Uptake and Phagocytosis in Macrophages. Circulation, 2018, 138, 1693-1705.	1.6	106
23	The role of the FPR2/ALX receptor in atherosclerosis development and plaque stability. Cardiovascular Research, 2015, 105, 65-74.	3.8	102
24	Differential inflammatory activity across human abdominal aortic aneurysms reveals neutrophilderived leukotriene B4 as a major chemotactic factor released from the intraluminal thrombus. FASEB Journal, 2009, 23, 1376-1383.	0.5	100
25	Nationwide cohort study of the leukotriene receptor antagonist montelukast and incident or recurrent cardiovascular disease. Journal of Allergy and Clinical Immunology, 2012, 129, 702-707.e2.	2.9	100
26	Leukotriene receptors in atherosclerosis. Annals of Medicine, 2006, 38, 493-502.	3.8	99
27	Eicosanoids and Their Drugs in Cardiovascular Diseases: Focus on Atherosclerosis and Stroke. Medicinal Research Reviews, 2013, 33, 364-438.	10.5	93
28	Upregulation of the 5-Lipoxygenase Pathway in Human Aortic Valves Correlates With Severity of Stenosis and Leads to Leukotriene-Induced Effects on Valvular Myofibroblasts. Circulation, 2011, 123, 1316-1325.	1.6	92
29	Aspirinâ€triggered lipoxin A4 inhibits atherosclerosis progression in apolipoprotein E^{â^'/â^'} mice. British Journal of Pharmacology, 2017, 174, 4043-4054.	5.4	89
30	Cardiovascular Events Associated With Use of Tyrosine Kinase Inhibitors in Chronic Myeloid Leukemia. Annals of Internal Medicine, 2016, 165, 161.	3.9	86
31	The Role of Matrix Metalloproteinases in Atherothrombosis. Current Atherosclerosis Reports, 2011, 13, 162-169.	4.8	84
32	Genetic predisposition to smoking in relation to 14 cardiovascular diseases. European Heart Journal, 2020, 41, 3304-3310.	2.2	83
33	Optimal follow-up after acute pulmonary embolism: a position paper of the European Society of Cardiology Working Group on Pulmonary Circulation and Right Ventricular Function, in collaboration with the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology, endorsed by the European Respiratory Society. European Heart Journal, 2022, 43, 183-189.	2.2	83
34	Endogenous Calcification Inhibitors in the Prevention of Vascular Calcification: A Consensus Statement From the COST Action EuroSoftCalcNet. Frontiers in Cardiovascular Medicine, 2018, 5, 196.	2.4	82
35	Impact of vascular thromboxane prostanoid receptor activation on hemostasis, thrombosis, oxidative stress, and inflammation. Journal of Thrombosis and Haemostasis, 2014, 12, 126-137.	3.8	79
36	Overall and abdominal obesity and incident aortic valve stenosis: two prospective cohort studies. European Heart Journal, 2017, 38, 2192-2197.	2.2	78

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37	Inhibition of indoleamine 2,3-dioxygenase promotes vascular inflammation and increases atherosclerosis in Apoeâ^'/â^' mice. Cardiovascular Research, 2015, 106, 295-302.	3.8	77
38	Identifying the anti-inflammatory response to lipid lowering therapy: a position paper from the working group on atherosclerosis and vascular biology of the European Society of Cardiology. Cardiovascular Research, 2019, 115, 10-19.	3.8	72
39	Cyclooxygenase-2 inhibitors and cardiovascular risk in a nation-wide cohort study after the withdrawal of rofecoxib. European Heart Journal, 2012, 33, 1928-1933.	2.2	70
40	Regulation of atherosclerotic plaque inflammation. Journal of Internal Medicine, 2015, 278, 462-482.	6.0	70
41	Functional characteristics of cysteinyl-leukotriene receptor subtypes. Life Sciences, 2002, 71, 611-622.	4.3	67
42	The resolution of inflammation through omega-3 fatty acids in atherosclerosis, intimal hyperplasia, and vascular calcification. Seminars in Immunopathology, 2019, 41, 757-766.	6.1	67
43	Low salivary resolvin D1 to leukotriene B₄ ratio predicts carotid intima media thickness: A novel biomarker of non-resolving vascular inflammation. European Journal of Preventive Cardiology, 2017, 24, 903-906.	1.8	65
44	Omegaâ€3 fatty acids, cardiovascular risk, and the resolution of inflammation. FASEB Journal, 2019, 33, 1536-1539.	0.5	61
45	Kidney Dysfunction and the Risk of Developing Aortic Stenosis. Journal of the American College of Cardiology, 2019, 73, 305-314.	2.8	59
46	Immunometabolism and atherosclerosis: perspectives and clinical significance: a position paper from the Working Group on Atherosclerosis and Vascular Biology of the European Society of Cardiology. Cardiovascular Research, 2019, 115, 1385-1392.	3.8	58
47	Lipoprotein(a) in Alzheimer, Atherosclerotic, Cerebrovascular, Thrombotic, and Valvular Disease. Circulation, 2020, 141, 1826-1828.	1.6	56
48	Inflammatory mediators in saliva associated with arterial stiffness and subclinical atherosclerosis. Journal of Hypertension, 2013, 31, 2251-2258.	0.5	54
49	Inhibitors of the 5-Lipoxygenase Pathway in Atherosclerosis. Current Pharmaceutical Design, 2009, 15, 3116-3132.	1.9	53
50	Increased urinary leukotriene E4 excretion in obstructive sleep apnea: Effects of obesity and hypoxia. Journal of Allergy and Clinical Immunology, 2009, 124, 364-370.e2.	2.9	52
51	Left atrial strain improves estimation of filling pressures in heart failure: a simultaneous echocardiographic and invasive haemodynamic study. Clinical Research in Cardiology, 2019, 108, 703-715.	3.3	51
52	Stimulating the Resolution of Inflammation Through Omega-3 Polyunsaturated Fatty Acids in COVID-19: Rationale for the COVID-Omega-F Trial. Frontiers in Physiology, 2020, 11, 624657.	2.8	51
53	Leukotriene Receptor Antagonism and the Prevention of Extracellular Matrix Degradation During Atherosclerosis and In-Stent Stenosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 518-524.	2.4	50
54	Aspirin-triggered 15-epi-lipoxin A4 signals through FPR2/ALX in vascular smooth muscle cells and protects against intimal hyperplasia after carotid ligation. International Journal of Cardiology, 2015, 179, 370-372.	1.7	50

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55	Prostacyclin modulation of contractions of the human pulmonary artery by cysteinylâ€“leukotrienes. European Journal of Pharmacology, 2000, 401, 389-395.	3.5	47
56	Relationship of Iron Deposition toÂCalcium Deposition in HumanÂAorticÂValve Leaflets. Journal of the American College of Cardiology, 2019, 73, 1043-1054.	2.8	47
57	Interplay between hypercholesterolaemia and inflammation in atherosclerosis: Translating experimental targets into clinical practice. European Journal of Preventive Cardiology, 2018, 25, 948-955.	1.8	46
58	Leukotrienes and Atherosclerosis. Current Drug Targets, 2010, 11, 882-887.	2.1	44
59	Thromboxane synthase expression and thromboxane A2 production in the atherosclerotic lesion. Journal of Molecular Medicine, 2010, 88, 795-806.	3.9	44
60	Omega-3 Polyunsaturated Fatty Acids Decrease Aortic Valve Disease Through the Resolvin E1 and ChemR23 Axis. Circulation, 2020, 142, 776-789.	1.6	44
61	Intermittent hypoxia-activated cyclooxygenase pathway: role in atherosclerosis. European Respiratory Journal, 2013, 42, 404-413.	6.7	43
62	Omega-3 fatty acids in atherosclerosis and coronary artery disease. Future Science OA, 2017, 3, FSO236.	1.9	41
63	Leukotriene Receptors: Crucial Components in Vascular Inflammation. Scientific World Journal, The, 2007, 7, 1422-1439.	2.1	40
64	Pharmacological evidence for a novel cysteinylâ€leukotriene receptor subtype in human pulmonary artery smooth muscle. British Journal of Pharmacology, 2002, 137, 1339-1345.	5.4	38
65	Resolution of Inflammation Through the Lipoxin and ALX/FPR2 Receptor Pathway Protects Against Abdominal Aortic Aneurysms. JACC Basic To Translational Science, 2018, 3, 719-727.	4.1	38
66	Valvular osteoclasts in calcification and aortic valve stenosis severity. International Journal of Cardiology, 2013, 168, 2264-2271.	1.7	37
67	NOD2-Mediated Innate Immune Signaling Regulates the Eicosanoids in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2193-2201.	2.4	37
68	Plasma Phospholipid Fatty Acids, FADS1 and Risk of 15 Cardiovascular Diseases: A Mendelian Randomisation Study. Nutrients, 2019, 11, 3001.	4.1	37
69	The resolvin D1 receptor GPR32 transduces inflammation resolution and atheroprotection. Journal of Clinical Investigation, 2021, 131, .	8.2	37
70	Increased leukotriene concentrations in gingival crevicular fluid from subjects with periodontal disease and atherosclerosis. Atherosclerosis, 2007, 193, 389-394.	0.8	35
71	Inflammatory signaling through leukotriene receptors in atherosclerosis. Current Atherosclerosis Reports, 2008, 10, 244-251.	4.8	35
72	Mycobacterium bovis <scp>BCG</scp> killed by extended freezeâ€drying induces an immunoregulatory profile and protects against atherosclerosis. Journal of Internal Medicine, 2014, 275, 49-58.	6.0	35

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73	The G-protein coupled receptor ChemR23 determines smooth muscle cell phenotypic switching to enhance high phosphate-induced vascular calcification. Cardiovascular Research, 2019, 115, 1557-1566.	3.8	35
74	From organic and inorganic phosphates to valvular and vascular calcifications. Cardiovascular Research, 2021, 117, 2016-2029.	3.8	35
75	Leukotriene B4 pathway activation and atherosclerosis in obstructive sleep apnea. Journal of Lipid Research, 2012, 53, 1944-1951.	4.2	34
76	Neutrophils recruited by leukotriene B4 induce features of plaque destabilization during endotoxaemia. Cardiovascular Research, 2018, 114, 1656-1666.	3.8	34
77	Alcohol consumption, cigarette smoking and incidence of aortic valve stenosis. Journal of Internal Medicine, 2017, 282, 332-339.	6.0	33
78	Iron alters valvular interstitial cell function and is associated with calcification in aortic stenosis. European Heart Journal, 2016, 37, 3532-3535.	2.2	32
79	Nut consumption and incidence of seven cardiovascular diseases. Heart, 2018, 104, 1615-1620.	2.9	32
80	Leukotrienes as a molecular link between obstructive sleep apnoea and atherosclerosis. Cardiovascular Research, 2014, 101, 187-193.	3.8	31
81	Antagonist resistant contractions of the porcine pulmonary artery by cysteinyl-leukotrienes. European Journal of Pharmacology, 2000, 401, 381-388.	3.5	29
82	Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient:Âa Position Paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2020, 21, 1177-1183.	1.2	29
83	The contractile action of leukotriene B4 in the guinea-pig lung involves a vascular component. British Journal of Pharmacology, 2004, 141, 449-456.	5.4	28
84	Association of a variant in the gene encoding for ERV1/ChemR23 with reduced inflammation in visceral adipose tissue from morbidly obese individuals. Scientific Reports, 2017, 7, 15724.	3.3	27
85	Modulation of vascular tone and reactivity by nitric oxide in porcine pulmonary arteries and veins. Acta Physiologica Scandinavica, 2002, 174, 9-15.	2.2	26
86	The leukotriene B4 receptor (BLT) antagonist BIIL284 decreases atherosclerosis in ApoEâ^'/â^' mice. Prostaglandins and Other Lipid Mediators, 2015, 121, 105-109.	1.9	26
87	Enhanced ventriculaâ€arterial coupling during a 2â€year physical activity programme in patients with rheumatoid arthritis: a prospective substudy of the physical activity in rheumatoid arthritis 2010 trial. Journal of Internal Medicine, 2018, 284, 664-673.	6.0	26
88	Chemerin inhibits vascular calcification through ChemR23 and is associated with lower coronary calcium in chronic kidney disease. Journal of Internal Medicine, 2019, 286, 449-457.	6.0	26
89	Disease duration of rheumatoid arthritis is a predictor of vascular stiffness. Medicine (United States), 2017, 96, e7862.	1.0	25
90	Incidence, associated outcomes, and predictors of upper gastrointestinal bleeding following acute myocardial infarction: a SWEDEHEART-based nationwide cohort study. European Heart Journal - Cardiovascular Pharmacotherapy, 2022, 8, 483-491.	3.0	25

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91	The cysteinyl-leukotriene receptor antagonist BAY u9773 is a competitive antagonist of leukotriene C4 in the guinea-pig ileum. European Journal of Pharmacology, 1996, 317, 107-113.	3.5	24
92	Artificial Intelligence Models Reveal Sex-Specific Gene Expression in Aortic Valve Calcification. JACC Basic To Translational Science, 2021, 6, 403-412.	4.1	24
93	The Oral Cavity and Age: A Site of Chronic Inflammation?. PLoS ONE, 2007, 2, e1351.	2.5	24
94	An alternative pathway for metabolism of leukotriene D4 : effects on contractions to cysteinyl-leukotrienes in the guinea-pig trachea. British Journal of Pharmacology, 2001, 133, 1134-1144.	5.4	23
95	Leukotriene B4is an indirectly acting vasoconstrictor in guinea pig aorta via an inducible type of BLT receptor. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H419-H424.	3.2	23
96	Leukotrienes as Modifiers of Preclinical Atherosclerosis?. Scientific World Journal, The, 2012, 2012, 1-6.	2.1	23
97	Effects of the dual TP receptor antagonist and thromboxane synthase inhibitor EV-077 on human endothelial and vascular smooth muscle cells. Biochemical and Biophysical Research Communications, 2013, 441, 393-398.	2.1	23
98	Differential association of chronic obstructive pulmonary disease with myocardial infarction and ischemic stroke in a nation-wide cohort. International Journal of Cardiology, 2014, 173, 601-603.	1.7	23
99	Impaired left atrial dynamics and its improvement by guided physical activity reveal left atrial strain as a novel early indicator of reversible cardiac dysfunction in rheumatoid arthritis. European Journal of Preventive Cardiology, 2018, 25, 1106-1108.	1.8	23
100	Cysteinyl leukotriene signaling through perinuclear CysLT1 receptors on vascular smooth muscle cells transduces nuclear calcium signaling and alterations of gene expression. Journal of Molecular Medicine, 2012, 90, 1223-1231.	3.9	22
101	Epigenetic regulation of 5â€lipoxygenase in the phenotypic plasticity of valvular interstitial cells associated with aortic valve stenosis. FEBS Letters, 2012, 586, 1325-1329.	2.8	22
102	Novel concepts for the role of smooth muscle cells in vascular disease: towards a new smooth muscle cell classification. Cardiovascular Research, 2018, 114, 477-480.	3.8	22
103	Opposing Effects on Vascular Smooth Muscle Cell Proliferation and Macrophage-induced Inflammation Reveal a Protective Role for the Proresolving Lipid Mediator Receptor ChemR23 in Intimal Hyperplasia. Frontiers in Pharmacology, 2018, 9, 1327.	3.5	22
104	Semicarbazide-Sensitive Amine Oxidase Increases in Calcific Aortic Valve Stenosis and Contributes to Valvular Interstitial Cell Calcification. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-9.	4.0	21
105	Inhibition of Nitric-Oxide Synthase Enhances Antigen-Induced Contractions and Increases Release of Cysteinyl-Leukotrienes in Guinea Pig Lung Parenchyma: Nitric Oxide as a Protective Factor. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 458-465.	2.5	20
106	NOTCH1 Mutations in Aortic Stenosis: Association with Osteoprotegerin/RANK/RANKL. BioMed Research International, 2017, 2017, 1-10.	1.9	20
107	Inverse J-shaped relation between coronary arterial calcium density and mortality in advanced chronic kidney disease. Nephrology Dialysis Transplantation, 2020, 35, 1202-1211.	0.7	20
108	Docosahexaenoic acid supplementation modifies fatty acid incorporation in tissues and prevents hypoxia induced-atherosclerosis progression in apolipoprotein-E deficient mice. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 91, 111-117.	2.2	19

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109	Future directions for therapeutic strategies in post-ischaemic vascularization: a position paper from European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology. Cardiovascular Research, 2018, 114, 1411-1421.	3.8	19
110	Leukotriene Production Is Increased in Abdominal Obesity. PLoS ONE, 2014, 9, e104593.	2.5	19
111	The resolvin D2 â€“ GPR18 axis is expressed in human coronary atherosclerosis and transduces atheroprotection in apolipoprotein E deficient mice. Biochemical Pharmacology, 2022, 201, 115075.	4.4	18
112	Transesophageal echocardiography measurements of aortic annulus diameter using biplane mode in patients undergoing transcatheter aortic valve implantation. Cardiovascular Ultrasound, 2013, 11, 5.	1.6	17
113	Chronic adventitial inflammation, vasa vasorum expansion, and 5â€lipoxygenase upâ€regulation in irradiated arteries from cancer survivors. FASEB Journal, 2016, 30, 3845-3852.	0.5	17
114	Differential Associations for Salivary Sodium, Potassium, Calcium, and Phosphate Levels with Carotid Intima Media Thickness, Heart Rate, and Arterial Stiffness. Disease Markers, 2018, 2018, 1-12.	1.3	17
115	Proteoglycan 4 is Increased in Human Calcified Aortic Valves and Enhances Valvular Interstitial Cell Calcification. Cells, 2020, 9, 684.	4.1	17
116	Upregulated Autophagy in Calcific Aortic Valve Stenosis Confers Protection of Valvular Interstitial Cells. International Journal of Molecular Sciences, 2019, 20, 1486.	4.1	16
117	Increased transcript level of poly(ADP-ribose) polymerase (PARP-1) in human tricuspid compared with bicuspid aortic valves correlates with the stenosis severity. Biochemical and Biophysical Research Communications, 2012, 420, 671-675.	2.1	15
118	Urinary prostaglandin D2 and E2 metabolites associate with abdominal obesity, glucose metabolism, and triglycerides in obese subjects. Prostaglandins and Other Lipid Mediators, 2019, 145, 106361.	1.9	15
119	The inflammatory cytokine interferonâ€gamma inhibits sortilinâ€1 expression in hepatocytes via the JAK/STAT pathway. European Journal of Immunology, 2017, 47, 1918-1924.	2.9	15
120	Urinary Leukotriene E₄Is Associated with Renal Function but Not with Endothelial Function in Type 2 Diabetes. Disease Markers, 2013, 35, 475-480.	1.3	14
121	Comparison of right ventricular function after ministernotomy and full sternotomy aortic valve replacement: a randomized study. Interactive Cardiovascular and Thoracic Surgery, 2018, 26, 790-797.	1.1	14
122	Cysteinyl-leukotriene pathway as a new therapeutic target for the treatment of atherosclerosis related to obstructive sleep apnea syndrome. Pharmacological Research, 2018, 134, 311-319.	7.1	14
123	Dietary patterns, food groups, and incidence of aortic valve stenosis: A prospective cohort study. International Journal of Cardiology, 2019, 283, 184-188.	1.7	14
124	Helicobacter pylori screening in clinical routine during hospitalization for acute myocardial infarction. American Heart Journal, 2021, 231, 105-109.	2.7	14
125	Altered reactivity to norepinephrine through COX-2 induction by vascular injury in hypercholesterolemic rabbits. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1882-H1888.	3.2	13
126	Fetuin A in aortic stenosis and valve calcification: Not crystal clear. International Journal of Cardiology, 2018, 265, 77-78.	1.7	13

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127	TLR7 Expression Is Associated with M2 Macrophage Subset in Calcific Aortic Valve Stenosis. Cells, 2020, 9, 1710.	4.1	13
128	Palmdelphin Regulates Nuclear Resilience to Mechanical Stress in the Endothelium. Circulation, 2021, 144, 1629-1645.	1.6	13
129	Endothelium-dependent vascular responses induced by leukotriene B4. Prostaglandins and Other Lipid Mediators, 2007, 83, 209-212.	1.9	12
130	Differential regulation of monocytic expression of leukotriene and lipoxin receptors. Prostaglandins and Other Lipid Mediators, 2015, 121, 138-143.	1.9	11
131	FADS1 (Fatty Acid Desaturase 1) Genotype Associates With Aortic Valve FADS mRNA Expression, Fatty Acid Content and Calcification. Circulation Genomic and Precision Medicine, 2020, 13, e002710.	3.6	11
132	Dose-Dependent Risk Reduction for Myocardial Infarction with Eicosapentaenoic Acid: a Meta-analysis and Meta-regression Including the STRENGTH Trial. Cardiovascular Drugs and Therapy, 2021, 35, 1079-1081.	2.6	11
133	Cardiovascular Risk Factors and Hemodynamic Measures as Determinants of Increased Arterial Stiffness Following Surgical Aortic Valve Replacement. Frontiers in Cardiovascular Medicine, 2021, 8, 754371.	2.4	11
134	Receptor preferences of cysteinyl-leukotrienes in the guinea pig lung parenchyma. European Journal of Pharmacology, 2002, 436, 119-126.	3.5	10
135	Right ventricular mechanics and contractility after aortic valve replacement surgery: a randomised study comparing minimally invasive versus conventional approach. Open Heart, 2018, 5, e000842.	2.3	10
136	Aortic Valve Calcium Associates with All-Cause Mortality Independent of Coronary Artery Calcium and Inflammation in Patients with End-Stage Renal Disease. Journal of Clinical Medicine, 2020, 9, 607.	2.4	10
137	Inflammation and its resolution in coronary artery disease: a tightrope walk between omega-6 and omega-3 polyunsaturated fatty acids. Kardiologia Polska, 2020, 78, 93-95.	0.6	10
138	Coffee consumption and risk of aortic valve stenosis: A prospective study. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 803-807.	2.6	9
139	Enalapril Influence on Arterial Stiffness in Rheumatoid Arthritis Women: A Randomized Clinical Trial. Frontiers in Medicine, 2020, 6, 341.	2.6	9
140	Release of leukotriene B4, transforming growth factor-beta1 and microparticles in relation to aortic valve calcification. Journal of Heart Valve Disease, 2013, 22, 782-8.	0.5	9
141	Arterial Stiffness in Aortic Stenosis and the Impact of Aortic Valve Replacement. Vascular Health and Risk Management, 2022, Volume 18, 117-122.	2.3	9
142	Leukotriene receptors: functional aspects and future targets. Clinical and Experimental Allergy Reviews, 2001, 1, 137-141.	0.3	8
143	Atherosclerosis, COPD and chronic inflammation. Respiratory Medicine: COPD Update, 2008, 4, 60-65.	0.0	8
144	Prosthesis-patient mismatch after transcatheter aortic valve implantation: impact of 2D-transthoracic echocardiography versus 3D-transesophageal echocardiography. International Journal of Cardiovascular Imaging, 2014, 30, 1549-1557.	1.5	8

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145	Physical Activity Does Not Reduce Aortic Valve Stenosis Incidence. Circulation Journal, 2018, 82, 2372-2374.	1.6	8
146	Biomarkers in Mitral Regurgitation. Progress in Cardiovascular Diseases, 2017, 60, 334-341.	3.1	7
147	Fatty acids and aortic valve stenosis. Kardiologia Polska, 2021, 79, 614-621.	0.6	7
148	Plasma Lipoprotein(a) measured in routine clinical care and the association with incident calcified aortic valve stenosis during a 14-year observational period. Atherosclerosis, 2022, 349, 175-182.	0.8	7
149	Cardiovascular Autonomic Function Changes and Predictors During a 2-Year Physical Activity Program in Rheumatoid Arthritis: A PARA 2010 Substudy. Frontiers in Medicine, 2021, 8, 788243.	2.6	7
150	Cysteinyl-Leukotrienes in Cerebrovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 805-806.	2.4	6
151	Specific mediator inhibition by the NO donors SNP and NCX 2057 in the peripheral lung: implications for allergen-induced bronchoconstriction. Respiratory Research, 2009, 10, 46.	3.6	6
152	Aortic Stenosis and the TyrosineÂKinaseÂInhibitor Nilotinib inÂChronic Myeloid Leukemia. JACC: CardioOncology, 2020, 2, 123-126.	4.0	6
153	Increased Risk of Cardiovascular Events Associated with TKI Treatment in Chronic Phase Chronic Myeloid Leukemia. Data from Swedish Population-Based Registries. Blood, 2014, 124, 3134-3134.	1.4	6
154	Epidemiology of Aortic Stenosis/Aortic Valve Replacement (from the Nationwide Swedish Renal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.6	6
155	Fatty acid desaturase genetic variations and dietary omega-3 fatty acid intake associate with arterial stiffness. European Heart Journal Open, 2022, 2, .	2.3	6
156	3D TEE With Stereovision for Guidance of the Transcatheter Mitral Valve Repair. JACC: Cardiovascular Imaging, 2012, 5, 1066-1069.	5.3	5
157	The leukotriene receptor antagonist montelukast and aortic stenosis. British Journal of Clinical Pharmacology, 2013, 75, 280-281.	2.4	5
158	Spinal cord stimulation in heart failure: effect on diseaseâ€associated biomarkers. European Journal of Heart Failure, 2017, 19, 283-286.	7.1	5
159	Omega-3 Polyunsaturated Fatty Acids and the Resolution of Inflammation: Novel Therapeutic Opportunities for Aortic Valve Stenosis?. Frontiers in Cell and Developmental Biology, 2020, 8, 584128.	3.7	5
160	Telomere Length in Valve Tissue Is Shorter in Individuals With Aortic Stenosis and in Calcified Valve Areas. Frontiers in Cell and Developmental Biology, 2021, 9, 618335.	3.7	5
161	Studies of receptors and modulatory mechanisms in functional responses to cysteinyl-leukotrienes in smooth muscle. Acta Physiologica Scandinavica Supplementum, 2002, 648, 1-55.	1.0	5
162	The tyrosine kinase inhibitor nilotinib targets discoidin domain receptor 2 in calcific aortic valve stenosis.. British Journal of Pharmacology, 0, , .	5.4	5

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163	Effect of cold storage on cholinergic responses induced by electrical field stimulation in human bronchi. Pulmonary Pharmacology and Therapeutics, 2006, 19, 297-302.	2.6	4
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