Arnold von Eckardstein

List of Publications by Year
in descending order

187	11,354	23567 58	31849 101
papers	citations	h-index	g-index

206	206	206	14331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Density Lipoproteins and Arteriosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 13-27.	2.4	654
2	Fasting is not routinely required for determination of a lipid profile: clinical and laboratory implications including flagging at desirable concentration cut-pointsâ€"a joint consensus statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. European Heart Journal, 2016, 37, 1944-1958.	2.2	542
3	Mechanisms underlying adverse effects of HDL on eNOS-activating pathways in patients with coronary artery disease. Journal of Clinical Investigation, 2011, 121, 2693-2708.	8.2	464
4	Endothelial-Vasoprotective Effects of High-Density Lipoprotein Are Impaired in Patients With Type 2 Diabetes Mellitus but Are Improved After Extended-Release Niacin Therapy. Circulation, 2010, 121, 110-122.	1.6	353
5	Hereditary Sensory Neuropathy Type 1 Is Caused by the Accumulation of Two Neurotoxic Sphingolipids. Journal of Biological Chemistry, 2010, 285, 11178-11187.	3.4	320
6	Suppression of Endothelial Cell Apoptosis by High Density Lipoproteins (HDL) and HDL-associated Lysosphingolipids. Journal of Biological Chemistry, 2001, 276, 34480-34485.	3.4	319
7	Altered Activation of Endothelial Anti- and Proapoptotic Pathways by High-Density Lipoprotein from Patients with Coronary Artery Disease. Circulation, 2013, 127, 891-904.	1.6	303
8	Abnormal High-Density Lipoprotein Induces Endothelial Dysfunction via Activation of Toll-like Receptor-2. Immunity, 2013, 38, 754-768.	14.3	261
9	High-Density Lipoprotein. Circulation Research, 2014, 114, 171-182.	4.5	236
10	Low- and High-Density Lipoproteins Modulate Function, Apoptosis, and Proliferation of Primary Human and Murine Pancreatic Î²-Cells. Endocrinology, 2009, 150, 4521-4530.	2.8	199
11	Lipid efflux by the ATP-binding cassette transporters ABCA1 and ABCG1. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 655-666.	2.4	190
12	Quantifying Atherogenic Lipoproteins: Current and Future Challenges in the Era of Personalized Medicine and Very Low Concentrations of LDL Cholesterol. A Consensus Statement from EAS and EFLM. Clinical Chemistry, 2018, 64, 1006-1033.	3.2	189
13	HDL cholesterol: reappraisal of its clinical relevance. Clinical Research in Cardiology, 2017, 106, 663-675.	3.3	186
14	Plasma levels of trimethylamine-N-oxide are confounded by impaired kidney function and poor metabolic control. Atherosclerosis, 2015, 243, 638-644.	0.8	175
15	Long-term air pollution exposure and diabetes in a population-based Swiss cohort. Environment International, 2014, 70, 95-105.	10.0	162
16	High density lipoproteins in the intersection of diabetes mellitus, inflammation and cardiovascular disease. Current Opinion in Lipidology, 2004, 15, 269-278.	2.7	153
17	Fasting Is Not Routinely Required for Determination of a Lipid Profile: Clinical and Laboratory Implications Including Flagging at Desirable Concentration Cutpointsâ€"A Joint Consensus Statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. Clinical Chemistry, 2016, 62, 930-946.	3.2	145
18	Plasma Concentrations of Trimethylamine-N-oxide Are Directly Associated with Dairy Food Consumption and Low-Grade Inflammation in a German Adult Population. Journal of Nutrition, 2016, 146, 283-289.	2.9	145

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19	Acute aortic dissection: pathogenesis, risk factors and diagnosis. Swiss Medical Weekly, 2017, 147, w14489.	1.6	144
20	High-Density Lipoproteins. Circulation Journal, 2013, 77, 2432-2448.	1.6	143
21	High-Density Lipoprotein Transport Through Aortic Endothelial Cells Involves Scavenger Receptor BI and ATP-Binding Cassette Transporter G1. Circulation Research, 2009, 104, 1142-1150.	4.5	138
22	Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. Atherosclerosis, 2020, 294, 46-61.	0.8	137
23	Current understanding of the metabolism and biological actions of HDL. Current Opinion in Clinical Nutrition and Metabolic Care, 2005, 8, 147-152.	2.5	129
24	HDL in the 21st Century: A Multifunctional Roadmap for Future HDL Research. Circulation, 2021, 143, 2293-2309.	1.6	123
25	Possible contributions of lipoproteins and cholesterol to the pathogenesis of diabetes mellitus type 2. Current Opinion in Lipidology, 2011, 22, 26-32.	2.7	121
26	Quantifying atherogenic lipoproteins for lipid-lowering strategies: consensus-based recommendations from EAS and EFLM. Clinical Chemistry and Laboratory Medicine, 2020, 58, 496-517.	2.3	119
27	The Central Helices of ApoA-I Can Promote ATP-binding Cassette Transporter A1 (ABCA1)-mediated Lipid Efflux. Journal of Biological Chemistry, 2003, 278, 6719-6730.	3.4	114
28	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. Lancet Diabetes and Endocrinology,the, 2020, 8, 50-67.	11.4	114
29	Plasma deoxysphingolipids: a novel class of biomarkers for the metabolic syndrome?. Diabetologia, 2012, 55, 421-431.	6.3	113
30	B-Type Natriuretic Peptide Concentrations Predict the Progression of Nondiabetic Chronic Kidney Disease: The Mild-to-Moderate Kidney Disease Study. Clinical Chemistry, 2007, 53, 1264-1272.	3.2	111
31	0/1-Hour Triage Algorithm for Myocardial Infarction in Patients With Renal Dysfunction. Circulation, 2018, 137, 436-451.	1.6	110
32	Clinical Validation of a Novel High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2018, 64, 1347-1360.	3.2	110
33	Bile Acid Metabolites in Serum: Intraindividual Variation and Associations with Coronary Heart Disease, Metabolic Syndrome and Diabetes Mellitus. PLoS ONE, 2011, 6, e25006.	2.5	109
34	Sex hormones affect outcome in arrhythmogenic right ventricular cardiomyopathy/dysplasia: from a stem cell derived cardiomyocyte-based model to clinical biomarkers of disease outcome. European Heart Journal, 2017, 38, 1498-1508.	2.2	109
35	Differential diagnosis of familial high density lipoprotein deficiency syndromes. Atherosclerosis, 2006, 186, 231-239.	0.8	105
36	Long-term exposure to transportation noise and air pollution in relation to incident diabetes in the SAPALDIA study. International Journal of Epidemiology, 2017, 46, 1115-1125.	1.9	101

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37	High-density lipoprotein, beta cells, and diabetes. Cardiovascular Research, 2014, 103, 384-394.	3.8	93
38	Long-Term Exposure to Ambient Air Pollution and Metabolic Syndrome in Adults. PLoS ONE, 2015, 10, e0130337.	2.5	91
39	Retinal microvascular dysfunction in heart failure. European Heart Journal, 2018, 39, 47-56.	2.2	91
40	ATP-Binding Cassette Transporter A1 Modulates Apolipoprotein A-I Transcytosis Through Aortic Endothelial Cells. Circulation Research, 2006, 99, 1060-1066.	4.5	90
41	Plasma levels of sphingosine-1-phosphate and apolipoprotein M in patients with monogenic disorders of HDL metabolism. Atherosclerosis, 2011, 219, 855-863.	0.8	87
42	Transient Hyperglycemia in Patients With Tuberculosis in Tanzania: Implications for Diabetes Screening Algorithms. Journal of Infectious Diseases, 2016, 213, 1163-1172.	4.0	87
43	Lipoprotein distribution and biological variation of 24S- and 27-hydroxycholesterol in healthy volunteers. Atherosclerosis, 2007, 194, 71-78.	0.8	85
44	The Î²-Chain of Cell Surface F ₀ F ₁ ATPase Modulates ApoA-I and HDL Transcytosis Through Aortic Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 131-139.	2.4	82
45	Assignment of Tangier disease to chromosome 9q31 by a graphical linkage exclusion strategy. Nature Genetics, 1998, 20, 96-98.	21.4	80
46	Transendothelial lipoprotein transport and regulation of endothelial permeability and integrity by lipoproteins. Current Opinion in Lipidology, 2009, 20, 197-205.	2.7	80
47	Symmetric dimethylarginine, high-density lipoproteins and cardiovascular disease. European Heart Journal, 2017, 38, 1597-1607.	2.2	77
48	Intra-individual variation of plasma trimethylamine-N-oxide (TMAO), betaine and choline over 1 year. Clinical Chemistry and Laboratory Medicine, 2017, 55, 261-268.	2.3	76
49	Dysfunctional high-density lipoproteins in coronary heart disease: implications for diagnostics and therapy. Translational Research, 2016, 173, 30-57.	5.0	75
50	Effect of Twice-Yearly Denosumab on Prevention of Bone Mineral Density Loss in De Novo Kidney Transplant Recipients: A Randomized Controlled Trial. American Journal of Transplantation, 2016, 16, 1882-1891.	4.7	74
51	Improved risk stratification of patients with acute coronary syndromes using a combination of hsTnT, NT-proBNP and hsCRP with the GRACE score. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 129-138.	1.0	70
52	Activation of Phosphatidylinositol-Specific Phospholipase C by HDL-Associated Lysosphingolipid. Involvement in Mitogenesis but Not in Cholesterol Efflux. Biochemistry, 2000, 39, 15199-15207.	2.5	69
53	A Three-Dimensional Engineered Artery Model for In Vitro Atherosclerosis Research. PLoS ONE, 2013, 8, e79821.	2.5	69
54	Lowering Plasma 1-Deoxysphingolipids Improves Neuropathy in Diabetic Rats. Diabetes, 2015, 64, 1035-1045.	0.6	69

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55	HSAN1 mutations in serine palmitoyltransferase reveal a close structureâ€“functionâ€“phenotype relationship. Human Molecular Genetics, 2016, 25, 853-865.	2.9	69
56	Endocytosis of lipoproteins. Atherosclerosis, 2018, 275, 273-295.	0.8	65
57	Impaired ABCA1/ABCG1-mediated lipid efflux in the mouse retinal pigment epithelium (RPE) leads to retinal degeneration. ELife, 2019, 8, .	6.0	65
58	FADS3 is a Î”14Z sphingoid base desaturase that contributes to gender differences in the human plasma sphingolipidome. Journal of Biological Chemistry, 2020, 295, 1889-1897.	3.4	64
59	Structure-function relationships of HDL in diabetes and coronary heart disease. JCI Insight, 2020, 5, .	5.0	62
60	Binding, internalization and transport of apolipoprotein A-I by vascular endothelial cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 186-194.	2.4	60
61	Plasmalogens of high-density lipoproteins (HDL) are associated with coronary artery disease and anti-apoptotic activity of HDL. Atherosclerosis, 2015, 241, 539-546.	0.8	60
62	Low High-Density Lipoprotein Cholesterol. Drugs, 2003, 63, 1907-1945.	10.9	59
63	High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2019, 65, 893-904.	3.2	59
64	Unmet Needs in LDL-C Lowering: When Statins Wonâ€™t Do!. Drugs, 2016, 76, 1175-1190.	10.9	57
65	Regulated efflux of photoreceptor outer segment-derived cholesterol by human RPE cells. Experimental Eye Research, 2017, 165, 65-77.	2.6	57
66	Plasma 1-deoxysphingolipids are predictive biomarkers for type 2 diabetes mellitus. BMJ Open Diabetes Research and Care, 2015, 3, e000073.	2.8	55
67	Subunit composition of the mammalian serine-palmitoyltransferase defines the spectrum of straight and methyl-branched long-chain bases. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15591-15598.	7.1	55
68	Testosterone and atherosclerosis. Growth Hormone and IGF Research, 2003, 13, S72-S84.	1.1	53
69	Clinical impact of direct HDLc and LDLc method bias in hypertriglyceridemia. A simulation study of the EAS-EFLM Collaborative Project Group. Atherosclerosis, 2014, 233, 83-90.	0.8	52
70	Apolipoprotein A-I but not high-density lipoproteins are internalised by RAW macrophages: roles of ATP-binding cassette transporter A1 and scavenger receptor BI. Journal of Molecular Medicine, 2008, 86, 171-183.	3.9	48
71	Decreased phosphatidylcholine plasmalogens â€“ A putative novel lipid signature in patients with stable coronary artery disease and acute myocardial infarction. Atherosclerosis, 2016, 246, 130-140.	0.8	47
72	Cysteine-rich angiogenic inducer 61 (Cyr61): a novel soluble biomarker of acute myocardial injury improves risk stratification after acute coronary syndromes. European Heart Journal, 2017, 38, 3493-3502.	2.2	46

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73	Cytotoxic 1-deoxysphingolipids are metabolized by a cytochrome P450-dependent pathway. Journal of Lipid Research, 2017, 58, 60-71.	4.2	45
74	Transendothelial transport of lipoproteins. Atherosclerosis, 2020, 315, 111-125.	0.8	45
75	The Endothelium Is Both a Target and a Barrier of HDLâ€™s Protective Functions. Cells, 2021, 10, 1041.	4.1	45
76	HDLs, Diabetes, and Metabolic Syndrome. Handbook of Experimental Pharmacology, 2015, 224, 405-421.	1.8	44
77	Elucidating the chemical structure of native 1-deoxysphingosine. Journal of Lipid Research, 2016, 57, 1194-1203.	4.2	42
78	Circulating microRNAs -192 and -194 are associated with the presence and incidence of diabetes mellitus. Scientific Reports, 2018, 8, 14274.	3.3	41
79	Clinical Use of a New High-Sensitivity Cardiac Troponin I Assay in Patients with Suspected Myocardial Infarction. Clinical Chemistry, 2019, 65, 1426-1436.	3.2	41
80	Lipoprotein(a) is associated with large artery atherosclerosis stroke aetiology and stroke recurrence among patients below the age of 60 years: results from the BIOSIGNAL study. European Heart Journal, 2021, 42, 2186-2196.	2.2	40
81	Clinical Utility of Procalcitonin in the Diagnosis of Pneumonia. Clinical Chemistry, 2019, 65, 1532-1542.	3.2	37
82	Circulating FABP4 Is a Prognostic Biomarker in Patients With Acute Coronary Syndrome but Not in Asymptomatic Individuals. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1872-1879.	2.4	36
83	VEGF-A Regulates Cellular Localization of SR-BI as Well as Transendothelial Transport of HDL but Not LDL. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 794-803.	2.4	36
84	Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay. Clinical Chemistry, 2019, 65, 1437-1447.	3.2	36
85	Apolipoprotein M modulates erythrocyte efflux and tubular reabsorption of sphingosine-1-phosphate. Journal of Lipid Research, 2014, 55, 1730-1737.	4.2	35
86	Air pollution and diabetes association: Modification by type 2 diabetes genetic risk score. Environment International, 2016, 94, 263-271.	10.0	35
87	Plasma 1-deoxysphingolipids are early predictors of incident type 2 diabetes mellitus. PLoS ONE, 2017, 12, e0175776.	2.5	35
88	Anti-inflammatory Function of High-Density Lipoproteins via Autophagy of Î¹ºB Kinase. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 171-187.e1.	4.5	33
89	HDL inhibits endoplasmic reticulum stress-induced apoptosis of pancreatic Î²-cells in vitro by activation of Smoothened. Journal of Lipid Research, 2020, 61, 492-504.	4.2	32
90	Lipoproteins in chronic kidney disease: from bench to bedside. European Heart Journal, 2021, 42, 2170-2185.	2.2	32

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91	Interleukin 6 Stimulates Endothelial Binding and Transport of High-Density Lipoprotein Through Induction of Endothelial Lipase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2699-2706.	2.4	31
92	Fenofibrate lowers atypical sphingolipids in plasma of dyslipidemic patients: A novel approach for treating diabetic neuropathy?. Journal of Clinical Lipidology, 2015, 9, 568-575.	1.5	31
93	Iodine Supplementation Decreases Hypercholesterolemia in Iodine-Deficient, Overweight Women: A Randomized Controlled Trial ,. Journal of Nutrition, 2015, 145, 2067-2075.	2.9	31
94	HDLs in crises. Current Opinion in Lipidology, 2016, 27, 264-273.	2.7	29
95	Gut microbiota-dependent trimethylamine-N-oxide (TMAO) shows a U-shaped association with mortality but not with recurrent venous thromboembolism. Thrombosis Research, 2019, 174, 40-47.	1.7	29
96	Safety and efficacy of cardiopoietic stem cells in the treatment of post-infarction left-ventricular dysfunction â€“ From cardioprotection to functional repair in a translational pig infarction model. Biomaterials, 2017, 122, 48-62.	11.4	28
97	Soluble lectin-like oxidized low-density lipoprotein receptor-1 predicts premature death in acute coronary syndromes. European Heart Journal, 2022, 43, 1849-1860.	2.2	28
98	ORMDL3 expression levels have no influence on the activity of serine palmitoyltransferase. FASEB Journal, 2016, 30, 4289-4300.	0.5	27
99	Biofabricating atherosclerotic plaques: InÂvitro engineering of a three-dimensional human fibroatheroma model. Biomaterials, 2018, 150, 49-59.	11.4	26
100	Implications of torcetrapib failure for the future of HDL therapy: is HDL-cholesterol the right target?. Expert Review of Cardiovascular Therapy, 2010, 8, 345-358.	1.5	25
101	Carboxyl Terminus of Apolipoprotein A-I (ApoA-I) Is Necessary for the Transport of Lipid-free ApoA-I but Not Prelipidated ApoA-I Particles through Aortic Endothelial Cells. Journal of Biological Chemistry, 2011, 286, 7744-7754.	3.4	24
102	Exposure to Night-Time Traffic Noise, Melatonin-Regulating Gene Variants and Change in Glycemia in Adults. International Journal of Environmental Research and Public Health, 2017, 14, 1492.	2.6	24
103	Alpha-1 antitrypsin deficiency: From the lung to the heart?. Atherosclerosis, 2018, 270, 166-172.	0.8	24
104	The hepatic WASH complex is required for efficient plasma LDL and HDL cholesterol clearance. JCI Insight, 2019, 4, .	5.0	24
105	Inflammation during acute coronary syndromes â€” Risk of cardiovascular events and bleeding. International Journal of Cardiology, 2019, 287, 13-18.	1.7	22
106	Risk Factors for Atherosclerotic Vascular Disease. Handbook of Experimental Pharmacology, 2005, , 71-105.	1.8	21
107	Diabetes and baseline glucose are associated with inflammation, left ventricular function and short- and long-term outcome in acute coronary syndromes: role of the novel biomarker Cyr 61. Cardiovascular Diabetology, 2019, 18, 142.	6.8	21
108	Calorie restriction improves metabolic state independently of gut microbiome composition: a randomized dietary intervention trial. Genome Medicine, 2022, 14, 30.	8.2	21

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109	A common functional variant on the pro-inflammatory Interleukin-6 gene may modify the association between long-term PM10 exposure and diabetes. Environmental Health, 2016, 15, 39.	4.0	20
110	Retinal microvascular dysfunction in patients with coronary artery disease with and without heart failure: a continuum?. European Journal of Heart Failure, 2019, 21, 988-997.	7.1	20
111	Itinerary of high density lipoproteins in endothelial cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 98-107.	2.4	19
112	Plasma C20-Sphingolipids predict cardiovascular events independently from conventional cardiovascular risk factors in patients undergoing coronary angiography. Atherosclerosis, 2015, 240, 216-221.	0.8	18
113	Evaluation of the new restandardized Abbott Architect 25-OH Vitamin D assay in vitamin D-insufficient and vitamin D-supplemented individuals. Journal of Clinical Laboratory Analysis, 2018, 32, e22328.	2.1	18
114	Prospective validation of prognostic and diagnostic syncope scores in the emergency department. International Journal of Cardiology, 2018, 269, 114-121.	1.7	18
115	Benefits and limitations of laboratory diagnostic pathways. Diagnosis, 2014, 1, 269-276.	1.9	17
116	Recovery after unilateral knee replacement due to severe osteoarthritis and progression in the contralateral knee: a randomised clinical trial comparing daily 2000 IU versus 800 IU vitamin D. RMD Open, 2018, 4, e000678.	3.8	17
117	Inborn errors of apolipoprotein A-I metabolism. Current Opinion in Lipidology, 2020, 31, 62-70.	2.7	17
118	Measurement of Midregional Pro-Atrial Natriuretic Peptide to Discover AtrialÂFibrillation in Patients With IschemicÂStroke. Journal of the American College of Cardiology, 2022, 79, 1369-1381.	2.8	17
119	Scavenger receptor BI promotes cytoplasmic accumulation of lipoproteins in clear-cell renal cell carcinoma. Journal of Lipid Research, 2018, 59, 2188-2201.	4.2	16
120	Cardiac biomarkers but not measures of vascular atherosclerosis predict mortality in patients with peripheral artery disease. Clinica Chimica Acta, 2019, 495, 215-220.	1.1	16
121	A Novel Variant (Asn177Asp) in SPTLC2 Causing Hereditary Sensory Autonomic Neuropathy Type 1C. NeuroMolecular Medicine, 2019, 21, 182-191.	3.4	15
122	ICG-liver test versus new biomarkers as prognostic markers for prolonged length of stay in critically ill patients - a prospective study of accuracy for prediction of length of stay in the ICU. Annals of Intensive Care, 2014, 4, 19.	4.6	14
123	Novel Blood Biomarkers for a Diagnostic Workup of Acute Aortic Dissection. Diagnostics, 2021, 11, 615.	2.6	14
124	Rule-out of non-ST elevation myocardial infarction by five point of care cardiac troponin assays according to the 0 h/3 h algorithm of the European Society of Cardiology. Clinical Chemistry and Laboratory Medicine, 2018, 56, 649-657.	2.3	13
125	Reproducible Determination of High-Density Lipoprotein Proteotypes. Journal of Proteome Research, 2021, 20, 4974-4984.	3.7	13
126	Reference intervals for 24 laboratory parameters determined in 24-hour urine collections. Clinical Chemistry and Laboratory Medicine, 2016, 54, 105-16.	2.3	12

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127	LDL Contributes to Reverse Cholesterol Transport. Circulation Research, 2020, 127, 793-795.	4.5	12
128	Common SIRT1 variants modify the effect of abdominal adipose tissue on aging-related lung function decline. Age, 2016, 38, 52.	3.0	11
129	Non-Linear Relationship between Anti-Apolipoprotein A-1 IgGs and Cardiovascular Outcomes in Patients with Acute Coronary Syndromes. Journal of Clinical Medicine, 2019, 8, 1002.	2.4	11
130	Relative hypochromia and mortality in acute heart failure. International Journal of Cardiology, 2019, 286, 104-110.	1.7	11
131	Clinical Criteria Replenish High-Sensitive Troponin and Inflammatory Markers in the Stratification of Patients with Suspected Acute Coronary Syndrome. PLoS ONE, 2014, 9, e98626.	2.5	10
132	Procalcitonin and Midregional Proatrial Natriuretic Peptide as Biomarkers of Subclinical Cerebrovascular Damage. Stroke, 2017, 48, 604-610.	2.0	10
133	Prospective validation of Nâ€terminal pro Bâ€type natriuretic peptide cutâ€off concentrations for the diagnosis of acute heart failure. European Journal of Heart Failure, 2019, 21, 813-815.	7.1	10
134	Apolipoprotein M and Sphingosine-1-Phosphate Receptor 1 Promote the Transendothelial Transport of High-Density Lipoprotein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e468-e479.	2.4	10
135	Will you, nill you, I will treat you: the taming of lipoprotein(a). European Heart Journal, 2017, 38, 1570-1572.	2.2	9
136	Is lipoprotein(a) aÂrisk factor for ischemic stroke and venous thromboembolism?. Clinical Research in Cardiology Supplements, 2019, 14, 28-32.	2.0	9
137	Improving 1-year mortality prediction in ACS patients using machine learning. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 855-865.	1.0	9
138	Posttranscriptional Regulation of the Human LDL Receptor by the U2-Spliceosome. Circulation Research, 2022, 130, 80-95.	4.5	9
139	Taking action: European Atherosclerosis Society targets the United Nations Sustainable Development Goals 2030 agenda to fight atherosclerotic cardiovascular disease in Europe. Atherosclerosis, 2021, 322, 77-81.	0.8	8
140	Controlled-Level EVERolimus in Acute Coronary Syndrome (CLEVER-ACS) - A phase II, randomized, double-blind, multi-center, placebo-controlled trial. American Heart Journal, 2022, 247, 33-41.	2.7	8
141	Thrombus aspiration in acute coronary syndromes: prevalence, procedural success, change in serial troponin T levels and clinical outcomes in a contemporary Swiss cohort. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 522-531.	1.0	7
142	Predicting Acute Myocardial Infarction with a Single Blood Draw. Clinical Chemistry, 2019, 65, 437-450.	3.2	7
143	Residual inflammatory risk at 12 months after acute coronary syndromes is frequent and associated with combined adverse events. Atherosclerosis, 2021, 320, 31-37.	0.8	7
144	Therapeutic approaches for the modification of high-density lipoproteins. Drug Discovery Today: Therapeutic Strategies, 2004, 1, 177-187.	0.5	6

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145	Lack of Paraoxonase 1 Alters Phospholipid Composition, but Not Morphology and Function of the Mouse Retina. , 2014, 55, 4714.		6
146	Oral Vitamin D Supplements Increase Serum 25-Hydroxyvitamin D in Postmenopausal Women and Reduce Bone Calcium Flux Measured by 41Ca Skeletal Labeling. Journal of Nutrition, 2015, 145, 2333-2340.	2.9	6
147	Apolipoprotein M and Sphingosine-1-Phosphate: A Potentially Antidiabetic Tandem Carried by HDL. Diabetes, 2020, 69, 859-861.	0.6	6
148	Novel plasma biomarkers predicting biventricular involvement in arrhythmogenic right ventricular cardiomyopathy. American Heart Journal, 2022, 244, 66-76.	2.7	6
149	Prognostic role of plasma galectin-3 levels in acute coronary syndrome. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 869-878.	1.0	5
150	HDL â€“ a difficult friend. Drug Discovery Today Disease Mechanisms, 2008, 5, e315-e324.	0.8	4
151	Association of 1-deoxy-sphingolipids with steatosis but not steatohepatitis nor fibrosis in non-alcoholic fatty liver disease. Acta Diabetologica, 2021, 58, 319-327.	2.5	4
152	Metabolism of HSAN1- and T2DM-associated 1-deoxy-sphingolipids inhibits the migration of fibroblasts. Journal of Lipid Research, 2021, 62, 100122.	4.2	4
153	Reply to technical comment on: Gawinecka et al. Acute aortic dissection: pathogenesis, risk factors, diagnosis. Swiss Medical Weekly, 2017, 147, w14562.	1.6	4
154	CysteineâEŘich Angiogenic Inducer 61 Improves Prognostic Accuracy of GRACE (Global Registry of Acute) Tj ETQq0 0 0 rgBT /Overlock 1 Heart Association, 2021, 10, e020488.	3.7	4
155	Prevalence and causes of abnormal PSA recovery. Clinical Chemistry and Laboratory Medicine, 2018, 56, 341-349.	2.3	3
156	High-Sensitivity Troponin Assays in Clinical Diagnostics of Acute Coronary Syndrome. Methods in Molecular Biology, 2019, 1929, 645-662.	0.9	3
157	Trimethyllysine and trimethylamineâENâEoxide â€“ pathogenic factors or surrogate markers of increased cardiovascular disease risk?. Journal of Internal Medicine, 2020, 288, 484-486.	6.0	3
158	High Density Lipoproteins: Is There a Comeback as a Therapeutic Target?. Handbook of Experimental Pharmacology, 2021, , 157-200.	1.8	3
159	Elevated levels of apolipoprotein D predict poor outcome in patients with suspected or established coronary artery disease. Atherosclerosis, 2022, 341, 27-33.	0.8	3
160	Generation of novel recombinant antibodies against nitrotyrosine by antibody phage display. Human Antibodies, 2011, 20, 15-27.	1.5	2
161	Frail HDLs and Stiff Arteries in Type 2 Diabetes in Juveniles. Diabetes, 2013, 62, 2662-2664.	0.6	2
162	Iron in Coronary Heart Diseaseâ€"J-Shaped Associations and Ambivalent Relationships. Clinical Chemistry, 2019, 65, 821-823.	3.2	2

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163	Cholesterol Efflux Capacity Associates with the Ankle-Brachial Index but Not All-Cause Mortality in Patients with Peripheral Artery Disease. Diagnostics, 2021, 11, 1407.	2.6	2
164	Trimethylamine-N-oxide (TMAO) is associated with cardiovascular mortality and vascular brain lesions in patients with atrial fibrillation. European Heart Journal, 2021, 42, .	2.2	2
165	Eyes on amyloidosis: microvascular retinal dysfunction in cardiac amyloidosis. ESC Heart Failure, 2022, 9, 1186-1194.	3.1	2
166	Introduction: New thinking for managing dyslipidaemia. Current Medical Research and Opinion, 2005, 21, S1-S2.	1.9	1
167	Laboratory diagnostics of non-alcoholic fatty liver disease. Laboratoriums Medizin, 2015, 38, .	0.6	1
168	Clinical and scientific debates on atherosclerosis: The truth lies somewhere in the middle. Atherosclerosis, 2017, 266, 228.	0.8	1
169	Ongoing and new challenges of our journal. Atherosclerosis, 2018, 269, 252-253.	0.8	1
170	Implications of Europeâ€™s Plan S for Atherosclerosis. Atherosclerosis, 2019, 280, 202-203.	0.8	1
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