

Manfred W Baumstark

List of Publications by Year in descending order

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72
papers

2,256
citations

218677

26
h-index

223800

46
g-index

74
all docs

74
docs citations

74
times ranked

2257
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagen peptide supplementation in combination with resistance training improves body composition and increases muscle strength in elderly sarcopenic men: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2015, 114, 1237-1245.	2.3	173
2	Prevention of endotoxin-induced monokine release by human low- and high-density lipoproteins and by apolipoprotein A-I. <i>Infection and Immunity</i> , 1993, 61, 5140-5146.	2.2	158
3	Pioglitazone Reduces Atherogenic Dense LDL Particles in Nondiabetic Patients With Arterial Hypertension: A double-blind, placebo-controlled study. <i>Diabetes Care</i> , 2003, 26, 2588-2594.	8.6	116
4	Structure of human low-density lipoprotein subfractions determined by X-ray small-angle scattering. <i>BBA - Proteins and Proteomics</i> , 1990, 1037, 48-57.	2.1	98
5	Triglyceride-Rich Lipoproteins Are Associated with Hypertension in Preeclampsia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1162-1166.	3.6	90
6	Low Density Lipoprotein (LDL) Subfractions during Pregnancy: Accumulation of Buoyant LDL with Advancing Gestation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4543-4550.	3.6	84
7	Effect of an Oat Bran Enriched Diet on the Atherogenic Lipid Profile in Patients with an Increased Coronary Heart Disease Risk. <i>Annals of Nutrition and Metabolism</i> , 2003, 47, 306-311.	1.9	83
8	An olive oil-rich diet results in higher concentrations of LDL cholesterol and a higher number of LDL subfraction particles than rapeseed oil and sunflower oil diets. <i>Journal of Lipid Research</i> , 2000, 41, 1901-1911.	4.2	77
9	Influence of 4 weeks' intervention by exercise and diet on low-density lipoprotein subfractions in obese men with type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 1999, 48, 641-644.	3.4	69
10	Accumulation of "small dense" low density lipoproteins (LDL) in a homozygous patients with familial defective apolipoprotein B-100 results from heterogenous interaction of LDL subfractions with the LDL receptor.. <i>Journal of Clinical Investigation</i> , 1993, 92, 2922-2933.	8.2	69
11	Relationship of serum ferritin concentrations with metabolic cardiovascular risk factors in men without evidence for coronary artery disease. <i>Atherosclerosis</i> , 1997, 128, 235-240.	0.8	67
12	Physical Activity and Lipoprotein Lipid Disorders. <i>Sports Medicine</i> , 1994, 17, 6-21.	6.5	65
13	Effect of Fluvastatin Slow-Release on Low Density Lipoprotein (LDL) Subfractions in Patients with Type 2 Diabetes Mellitus: Baseline LDL Profile Determines Specific Mode of Action. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5485-5490.	3.6	57
14	Frequency of secondary dyslipidemia in obese children. <i>Vascular Health and Risk Management</i> , 2008, Volume 4, 1089-1094.	2.3	53
15	Fluvastatin Lowers Atherogenic Dense Low-Density Lipoproteins in Postmenopausal Women With the Atherogenic Lipoprotein Phenotype. <i>Circulation</i> , 2001, 103, 1942-1948.	1.6	51
16	Homozygous Familial Defective Apolipoprotein B-100. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 348-353.	2.4	51
17	Low density lipoproteins inhibit endotoxin activation of monocytes.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1992, 12, 341-347.	3.9	42
18	Changes in HDL subfractions after a single, extended episode of physical exercise. <i>Atherosclerosis</i> , 1983, 47, 231-240.	0.8	38

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19	Quantitative measurement of carotid intima-media roughness—effect of age and manifest coronary artery disease. <i>Atherosclerosis</i> , 2003, 166, 57-65.	0.8	36
20	Signaling ammonium across membranes through an ammonium sensor histidine kinase. <i>Nature Communications</i> , 2018, 9, 164.	12.8	36
21	Association Between Serum Fibrinogen Concentrations and HDL and LDL Subfraction Phenotypes in Healthy Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 144-148.	2.4	35
22	Differences in the concentration and composition of low-density lipoprotein subfraction particles between sedentary and trained hypercholesterolemic men. <i>Metabolism: Clinical and Experimental</i> , 1997, 46, 186-191.	3.4	34
23	Influence of mild to moderately elevated triglyceride™s on low density lipoprotein subfraction concentration and composition in healthy men with low high density lipoprotein cholesterol levels. <i>Atherosclerosis</i> , 1999, 143, 185-192.	0.8	31
24	Comprehensive lifestyle intervention vs soy protein-based meal regimen in non-alcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , 2019, 25, 1116-1131.	3.3	31
25	Lipoprotein(a) in endurance athletes, power athletes, and sedentary controls. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 962-966.	0.4	31
26	Structural and compositional modifications of diabetic low-density lipoproteins influence their receptor-mediated uptake by hepatocytes. <i>European Journal of Clinical Investigation</i> , 1997, 27, 460-468.	3.4	30
27	Influence of acute maximal exercise on lecithin: cholesterol acyltransferase activity in healthy adults of differing aerobic performance. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1991, 62, 31-35.	1.2	28
28	Relationship between obesity and concentration and composition of low-density lipoprotein subfractions in normoinsulinemic men. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 1384-1390.	3.4	26
29	Gene expression in the detection of autologous blood transfusion in sports—a pilot study. <i>Vox Sanguinis</i> , 2009, 96, 333-336.	1.5	26
30	Isoelectric focusing of apolipoproteins in immobilized pH gradients: Improved determination of apolipoprotein Ephenotypes. <i>Electrophoresis</i> , 1988, 9, 576-579.	2.4	24
31	Acute and delayed effects of prolonged exercise on serum lipoproteins. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993, 66, 526-530.	1.2	24
32	Qualitative Effect of Fenofibrate and Quantitative Effect of Atorvastatin on LDL Profile in Combined Hyperlipidemia with dense LDL. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2004, 112, 241-247.	1.2	24
33	Low-resolution data analysis for low-density lipoprotein particle. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 108-121.	2.5	23
34	Influence of n-3 fatty acids from fish oils on concentration of high- and low-density lipoprotein subfractions and their lipid and apolipoprotein composition. <i>Clinical Biochemistry</i> , 1992, 25, 338-340.	1.9	22
35	Variability and reproducibility of carotid structural and functional parameters assessed with transcutaneous ultrasound—Results from the SAPALDIA Cohort Study. <i>Atherosclerosis</i> , 2013, 231, 448-455.	0.8	22
36	Influence of low molecular weight heparin compared to conventional heparin for anticoagulation during haemodialysis on low density lipoprotein subclasses. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 2231-2238.	0.7	19

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37	Acute and delayed effects of prolonged exercise on serum lipoproteins. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993, 66, 521-525.	1.2	17
38	Small, Dense LDL Particle Concentration Correlates with Plasminogen Activator Inhibitor Type-1 (PAI-1) Activity. <i>Thrombosis and Haemostasis</i> , 1997, 78, 1495-1499.	3.4	17
39	Low Density Lipoprotein (LDL) Subfractions during Pregnancy: Accumulation of Buoyant LDL with Advancing Gestation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4543-4550.	3.6	17
40	Lipid profile in spinal cord-injured women with different injury levels. <i>Preventive Medicine</i> , 2005, 40, 321-325.	3.4	16
41	Reticulocytes in athletes: Longitudinal aspects and the influence of long- and short-term exercise. <i>Drug Testing and Analysis</i> , 2010, 2, 469-474.	2.6	16
42	Analysis of the nitric oxide-cyclic guanosine monophosphate pathway in experimental liver cirrhosis suggests phosphodiesterase-5 as potential target to treat portal hypertension. <i>World Journal of Gastroenterology</i> , 2018, 24, 4356-4368.	3.3	16
43	Applying the Optimized CO Rebreathing Method for Measuring Blood Volumes and Hemoglobin Mass in Heart Failure Patients. <i>Frontiers in Physiology</i> , 2018, 9, 1603.	2.8	15
44	Crystallization and preliminary X-ray diffraction data of two different human low-density lipoprotein (LDL) subfractions. <i>Proteins: Structure, Function and Bioinformatics</i> , 1997, 28, 293-297.	2.6	13
45	Electron-density determination of three high-density lipoprotein subfractions, considering polydispersity and deviations from radial symmetry. <i>Lipids and Lipid Metabolism</i> , 1983, 751, 108-120.	2.6	12
46	Influence of probucol administration on lipoprotein cholesterol and apolipoproteins in normolipemic males. <i>Atherosclerosis</i> , 1988, 72, 49-54.	0.8	12
47	Effects of age and physical performance capacity on distribution and composition of high-density lipoprotein subfractions in men. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1990, 60, 441-444.	1.2	12
48	Inhibition of HMG-CoA Reductase with Cerivastatin Lowers Dense Low Density Lipoproteins in Patients with Elevated Fasting Glucose, Impaired Glucose Tolerance and Type 2 Diabetes Mellitus. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2004, 112, 269-277.	1.2	11
49	Flow Cytometric Assessment of Erythrocyte Shape through Analysis of FSC Histograms: Use of Kurtosis and Implications for Longitudinal Evaluation. <i>PLoS ONE</i> , 2013, 8, e59862.	2.5	11
50	Introduction of digital speech recognition in a specialised outpatient department: a case study. <i>BMC Medical Informatics and Decision Making</i> , 2016, 16, 132.	3.0	10
51	Cardiorespiratory fitness modifies the association between dietary fat intake and plasma fatty acids. <i>European Journal of Clinical Nutrition</i> , 2003, 57, 810-815.	2.9	9
52	Value of MRI and MRS fat measurements to complement conventional screening methods for childhood obesity. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1214-1222.	3.4	9
53	Lipid Profiles of Persons With Paraplegia and Tetraplegia: Sex Differences. <i>Journal of Spinal Cord Medicine</i> , 2008, 31, 285-289.	1.4	8
54	Mask-based approach to phasing of single-particle diffraction data. <i>Acta Crystallographica Section D: Structural Biology</i> , 2016, 72, 147-157.	2.3	8

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55	Crystallization of human low density lipoprotein (LDL), a large lipid-protein complex. Journal of Crystal Growth, 1999, 196, 344-349.	1.5	7
56	Probucol, incorporated into LDL particles In Vivo, inhibits generation of lipid peroxides more effectively than endogenous antioxidants alone. Clinical Biochemistry, 1992, 25, 395-397.	1.9	6
57	Distribution of lipoprotein species (LpA-I, LpA-I:A-II) in serum and HDL subfractions of untrained and trained normolipemic men. Clinica Chimica Acta, 1992, 211, 167-173.	1.1	5
58	Spontaneously low LDL cholesterol and reaction to exercise-induced stress. Lancet, The, 1996, 347, 405.	13.7	4
59	Transient Remnant Removal Disease in Acute Fatty Liver of Pregnancy. Hypertension in Pregnancy, 2004, 23, 143-153.	1.1	4
60	Characterization of hemoglobin W ¹⁴ rzburg (I ¹² 4(A1)Thr ¹ Asn), a new electrophoretically silent variant, by mass spectrometry and molecular modeling studies. Journal of Chromatography A, 2006, 1115, 118-124.	3.7	4
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