

Manfred W Baumstark

List of Publications by Year in descending order

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Version: 2024-02-01

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	Do patients with low back pain remember physiotherapists' advice? A mixed-methods study on patient-therapist communication. <i>Physiotherapy Research International</i> , 2020, 25, e1868.	1.5	2
2	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
3	Mask-based approach to phasing of single-particle diffraction data. II. Likelihood-based selection criteria. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 79-89.	2.3	4
4	Signaling ammonium across membranes through an ammonium sensor histidine kinase. <i>Nature Communications</i> , 2018, 9, 164.	12.8	36
5	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
6	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
7	Phase-contrast MR flow imaging: A tool to determine hepatic hemodynamics in rats with a healthy, fibrotic, or cirrhotic liver. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1526-1534.	3.4	2
8	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
9	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
10	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
11	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
12	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
13	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
14	Low-resolution structure determination of Na ⁺ -translocating NADH:ubiquinone oxidoreductase from <i>Vibrio cholerae</i> by cryo-EM. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 724-731.	2.5	4
15	A soy-based supplement alters energy metabolism but not the exercise-induced stress response. <i>Exercise Immunology Review</i> , 2012, 18, 128-41.	0.4	4
16	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
17	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
18	Gene Expression And Autologous Blood Transfusion - A New Advance Towards Blood Doping Detection?. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 397.	0.4	0

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19	Relations between haemoglobin mass, cardiac dimensions and aerobic capacity in endurance trained cyclists. Journal of Sports Medicine and Physical Fitness, 2009, 49, 364-71.	0.7	4

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37	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
38	Low-resolution data analysis for low-density lipoprotein particle. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 108-121.	2.5	23
39	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
40	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
41	Effect of cerivastatin on small dense low density lipoprotein subfractions in hyperlipidemic patients with increased fasting glucose levels. <i>Diabetes Research and Clinical Practice</i> , 2000, 50, 317.	2.8	0
42	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
43	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
44	Crystallization of human low density lipoprotein (LDL), a large lipid-protein complex. <i>Journal of Crystal Growth</i> , 1999, 196, 344-349.	1.5	7
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	Homozygous Familial Defective Apolipoprotein B-100. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 348-353.	2.4	51
53	Spontaneously low LDL cholesterol and reaction to exercise-induced stress. <i>Lancet, The</i> , 1996, 347, 405.	13.7	4
54	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

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55	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
56	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
57	Physical Activity and Lipoprotein Lipid Disorders. <i>Sports Medicine</i> , 1994, 17, 6-21.	6.5	65
58	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
59	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
60	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
61	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
62	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
63	Distribution of lipoprotein species (LpA-I, LpA-I:A-II) in serum and HDL subfractions of untrained and trained normolipemic men. <i>Clinica Chimica Acta</i> , 1992, 211, 167-173.	1.1	5
64	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
65	Probucol, incorporated into LDL particles In Vivo, inhibits generation of lipid peroxides more effectively than endogenous antioxidants alone. <i>Clinical Biochemistry</i> , 1992, 25, 395-397.	1.9	6
66	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
67	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
68	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
69	Isoelectric focusing of apolipoproteins in immobilized pH gradients: Improved determination of apolipoprotein Ephenotypes. <i>Electrophoresis</i> , 1988, 9, 576-579.	2.4	24
70	Influence of probucol administration on lipoprotein cholesterol and apolipoproteins in normolipemic males. <i>Atherosclerosis</i> , 1988, 72, 49-54.	0.8	12
71	Changes in HDL subfractions after a single, extended episode of physical exercise. <i>Atherosclerosis</i> , 1983, 47, 231-240.	0.8	38
72	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