

# Vladimir Blaha

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

1,610  
citations

361413

20  
h-index

315739

38  
g-index

107  
all docs

107  
docs citations

107  
times ranked

2425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular Efficacy and Safety of Bococizumab in High-Risk Patients. <i>New England Journal of Medicine</i> , 2017, 376, 1527-1539.	27.0	510
2	Biochemical profile and survival in nonagenarians. <i>Clinical Biochemistry</i> , 2001, 34, 563-569.	1.9	64
3	Effect of estradiol and progesterone on daily rhythm in food intake and feeding patterns in Fischer rats. <i>Physiology and Behavior</i> , 1999, 68, 99-107.	2.1	57
4	Dopamine and serotonin VMN release is related to feeding status in obese and lean Zucker rats. <i>NeuroReport</i> , 2000, 11, 2069-2072.	1.2	54
5	Ultra high performance liquid chromatography tandem mass spectrometric detection in clinical analysis of simvastatin and atorvastatin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2093-2103.	2.3	54
6	Genetics of Familial Hypercholesterolemia: New Insights. <i>Frontiers in Genetics</i> , 2020, 11, 574474.	2.3	53
7	Infusion of Nicotine Into the LHA Enhances Dopamine And 5-HT Release and Suppresses Food Intake. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 64, 155-159.	2.9	51
8	Interleukin-1 $\beta$ Injection Into Ventromedial Hypothalamic Nucleus of Normal Rats Depresses Food Intake and Increases Release of Dopamine and Serotonin. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 62, 61-65.	2.9	46
9	Omentin-1 plasma levels and cholesterol metabolism in obese patients with diabetes mellitus type 1: impact of weight reduction. <i>Nutrition and Diabetes</i> , 2015, 5, e183-e183.	3.2	38
10	Use of orchietomy and testosterone replacement to explore meal number-to-meal size relationship in male rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1366-R1373.	1.8	36
11	Elevated serum soluble endoglin (sCD105) decreased during extracorporeal elimination therapy for familial hypercholesterolemia. <i>Atherosclerosis</i> , 2008, 197, 264-270.	0.8	36
12	Beneficial effect of plasma exchange in the treatment of toxic epidermal necrolysis: A series of four cases. <i>Journal of Clinical Apheresis</i> , 2012, 27, 215-220.	1.3	35
13	Effect of atorvastatin on soluble CD14, CD40 Ligand, sE- and sP-selectins and MCP-1 in patients with type 2 diabetes mellitus: Relationship to cholesterol turnover. <i>Pharmacological Research</i> , 2006, 54, 421-428.	7.1	28
14	The importance of rheological parameters in the therapy of microcirculatory disorders. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 42, 37-46.	1.7	28
15	Systemic Nicotine Administration Suppresses Food Intake Via Reduced Meal Sizes in Both Male and Female Rats. <i>Acta Medica (Hradec Kralove)</i> , 1998, 41, 167-173.	0.5	27
16	Cholesterol metabolism in active Crohn's disease. <i>Wiener Klinische Wochenschrift</i> , 2009, 121, 270-5.	1.9	24
17	Plasma albumin levels correlate with decreased microcirculation and the development of skin defects in hemodialyzed patients. <i>Nutrition</i> , 2010, 26, 880-885.	2.4	24
18	Safety and Tolerability of Long Lasting LDL-apheresis in Familial Hyperlipoproteinemia. <i>Therapeutic Apheresis and Dialysis</i> , 2007, 11, 9-15.	0.9	23

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19	Rheohaemapheresis in the treatment of nonvascular age-related macular degeneration. <i>Atherosclerosis Supplements</i> , 2013, 14, 179-184.	1.2	22
20	Real-life LDL-C treatment goals achievement in patients with heterozygous familial hypercholesterolemia in the Czech Republic and Slovakia: Results of the PLANET registry. <i>Atherosclerosis</i> , 2018, 277, 355-361.	0.8	21
21	Familial Hypercholesterolemia in the Czech Republic: More Than 17 Years of Systematic Screening Within the MedPed Project. <i>Physiological Research</i> , 2017, 66, S1-S9.	0.9	21
22	Pregnancy in homozygous familial hypercholesterolemia – Importance of LDL-apheresis. <i>Atherosclerosis Supplements</i> , 2015, 18, 134-139.	1.2	20
23	Haemorrhapheresis could block the progression of the dry form of age-related macular degeneration with soft drusen to the neovascular form. <i>Acta Ophthalmologica</i> , 2011, 89, 463-471.	1.1	19
24	Liver regeneration in partially hepatectomized rats infused with carnitine and lipids. <i>Experimental and Toxicologic Pathology</i> , 1992, 44, 165-168.	2.1	17
25	Urinary Neopterin and Microalbuminuria in Patients Treated by Low-density Lipoprotein Apheresis. <i>Pteridines</i> , 2005, 16, 174-183.	0.5	16
26	Evaluation of Skin Microcirculation during Hemodialysis. <i>Renal Failure</i> , 2010, 32, 21-26.	2.1	13
27	Potential Strategies for Ameliorating Early Cancer Anorexia. <i>Journal of Surgical Research</i> , 1999, 81, 69-76.	1.6	12
28	Antioxidant defense system in familial hypercholesterolemia and the effects of lipoprotein apheresis. <i>Atherosclerosis Supplements</i> , 2017, 30, 159-165.	1.2	12
29	Development and validation of HPLC method for the determination of $\alpha$ -tocopherol in human erythrocytes for clinical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 444-447.	3.7	11
30	Effect of atorvastatin on non-cholesterol sterols in patients with type 2 diabetes mellitus and cardiovascular disease. <i>Pharmacological Research</i> , 2005, 51, 31-36.	7.1	11
31	Analysis of circulating miRNAs in patients with familial hypercholesterolaemia treated by LDL/Lp(a) apheresis. <i>Atherosclerosis Supplements</i> , 2017, 30, 128-134.	1.2	11
32	Activity of thrombocytes as a marker of sufficient intensity of LDL-apheresis in familial hypercholesterolaemia. <i>Transfusion and Apheresis Science</i> , 2004, 30, 83-87.	1.0	10
33	Circulating fetuin-A predicts early mortality in chronic hemodialysis patients. <i>Clinical Biochemistry</i> , 2009, 42, 996-1000.	1.9	10
34	Reduction in the drusenoid retinal pigment epithelium detachment area in the dry form of age-related macular degeneration 2.5 years after rheohaemapheresis. <i>Acta Ophthalmologica</i> , 2013, 91, e406-8.	1.1	10
35	Lipoprotein-Associated Phospholipase A <sub>2</sub> Mass Level Is Increased in Elderly Subjects with Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-6.	2.3	10
36	In vitro comparison of efficacy of catheter locks in the treatment of catheter related blood stream infection. <i>Clinical Nutrition ESPEN</i> , 2019, 30, 107-112.	1.2	10

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37	The Impact of Glucose-Based or Lipid-Based Total Parenteral Nutrition on the Free Fatty Acids Profile in Critically Ill Patients. <i>Nutrients</i> , 2020, 12, 1373.	4.1	10
38	Bioanalysis of PUFA metabolism and lipid peroxidation in coronary atherosclerosis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 563-572.	2.8	8
39	Bioanalysis of age-related changes of lipid metabolism in nonagenarians. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 24, 1157-1162.	2.8	8
40	Extracorporeal LDL cholesterol elimination (25 years of experience in CZ). <i>Atherosclerosis Supplements</i> , 2009, 10, 17-20.	1.2	8
41	Long-Term Outcomes of Rheohaemapheresis in the Treatment of Dry Form of Age-Related Macular Degeneration. <i>Journal of Ophthalmology</i> , 2013, 2013, 1-8.	1.3	8
42	Preservation of the Photoreceptor Inner/Outer Segment Junction in Dry Age-Related Macular Degeneration Treated by Rheohaemapheresis. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-7.	1.3	8
43	The decrease of mean platelet volume after extracorporeal LDL-cholesterol elimination. <i>Atherosclerosis Supplements</i> , 2013, 14, 77-81.	1.2	7
44	Combined therapy of mixed dyslipidemia in patients with high cardiovascular risk and changes in the lipid target values and atherogenic index of plasma. <i>Cor Et Vasa</i> , 2014, 56, e133-e139.	0.1	7
45	Changes of the complement system and rheological indicators after therapy with rheohaemapheresis. <i>Atherosclerosis Supplements</i> , 2015, 18, 140-145.	1.2	7
46	Lipoprotein Apheresis in the Treatment of Dyslipidemia – the Czech Republic Experience. <i>Physiological Research</i> , 2017, 66, S91-S100.	0.9	7
47	The importance of rheological parameters in the therapy of the dry form of age-related macular degeneration with rheohaemapheresis. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 50, 245-255.	1.7	6
48	Development of novel liquid chromatography method for clinical monitoring of vitamin B1 metabolites and B6 status in the whole blood. <i>Talanta</i> , 2020, 211, 120702.	5.5	6
49	Stanovisko v <sup>1</sup> /2boru <sup>2</sup> esk <sup>3</sup> spole <sup>4</sup> nosti pro ateroskler <sup>5</sup> zu k doporu <sup>6</sup> en <sup>7</sup> ESC/EAS pro diagnostiku a <sup>8</sup> bu <sup>9</sup> dyslipidemi <sup>0</sup> -z roku 2019. <i>Cor Et Vasa</i> , 2020, 62, 185-197.	0.1	6
50	Fluorimetric determination of the levels of urinary neopterin and serum thiobarbituric acid reactive substances in the nonagenarians. <i>Talanta</i> , 2003, 60, 459-465.	5.5	5
51	Extracorporeal Immunoglobulin Elimination for the Treatment of Severe Myasthenia Gravis. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-6.	3.0	5
52	Experience with extracorporeal elimination therapy in myasthenia gravis. <i>Transfusion and Apheresis Science</i> , 2011, 45, 251-256.	1.0	5
53	Cholesterol metabolism in acute upper gastrointestinal bleeding, preliminary observations. <i>Wiener Klinische Wochenschrift</i> , 2012, 124, 815-821.	1.9	5
54	Use of Ultra High Performance Liquid Chromatography-Tandem Mass Spectrometry to Demonstrate Decreased Serum Statin Levels after Extracorporeal LDL-Cholesterol Elimination. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-9.	3.0	4

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55	Hospital admissions to geriatric ward related to adverse drug events: a cross-sectional study from the Czech Republic. <i>International Journal of Clinical Pharmacy</i> , 2021, 43, 1218-1226.	2.1	4
56	The antibiotic resistance survey: a preliminary report on the drug utilization evaluation study at the University Teaching Hospital, Charles University, Czech Republic. <i>Pharmacoepidemiology and Drug Safety</i> , 2000, 9, 237-243.	1.9	3
57	Interrelationship between fatty acid composition, lipid peroxidation and alpha-tocopherol consumption post-LDL-apheresis treatment evaluated by liquid chromatography and gas chromatography. <i>Analytica Chimica Acta</i> , 2002, 467, 125-132.	5.4	3
58	Optimization of the therapeutic procedure during LDL-apheresis—a computerized model. <i>Transfusion and Apheresis Science</i> , 2005, 32, 149-156.	1.0	3
59	Primary hemostasis in patients treated with LDL-apheresis for severe familial hypercholesterolemia: A prospective pilot trial using PFA-100 analysis to rationalize therapeutic LDL-apheresis procedure. <i>Hematology</i> , 2007, 12, 571-576.	1.5	3
60	Cascade Filtration in the Therapy of the Dry Form of Age-related Macular Degeneration. <i>Therapeutic Apheresis and Dialysis</i> , 2009, 13, 453-454.	0.9	3
61	Anti-inflammatory Properties of High-density Lipoprotein Cholesterol in Chronic Hemodialysis Patients: Impact of Intervention. , 2010, 20, 368-376.		3
62	Lipid metabolism in active Crohn's disease: Pre-results. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2006, 150, 363-366.	0.6	3
63	Hypercaloric lipid and glucose infusion reduces the mitochondrial respiratory activity in the regenerating rat liver. <i>Clinical Nutrition</i> , 1994, 13, 368-373.	5.0	2
64	Distribution of fenofibric acid in lipoprotein fractions of patients. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1998, 23, 287-294.	1.6	2
65	Analysis of Fatty Acid, and Lipoprotein, Metabolism by GC and HPLC: Effect of Low-Density Lipoprotein Apheresis. <i>Mikrochimica Acta</i> , 2001, 136, 23-29.	5.0	2
66	Fluorometric assay of lipoperoxides and chromatographic analysis of $\alpha$ -tocopherol and fatty acids as biomarkers of risk from coronary atherosclerosis. <i>Talanta</i> , 2003, 60, 505-513.	5.5	2
67	Optimization of therapeutic procedure during LDL-apheresis â€“ verification of the computerized model in clinical practice. <i>Transfusion and Apheresis Science</i> , 2007, 36, 39-45.	1.0	2
68	Multiplex Protein Biomarker Profiling in Patients with Familial Hypercholesterolemia. <i>Genes</i> , 2021, 12, 1599.	2.4	2
69	Polyunsaturated Fatty Acids, Phytosterols and Cholesterol Metabolism in the Mediterranean Diet. <i>Acta Medica (Hradec Kralove)</i> , 2006, 49, 23-26.	0.5	2
70	4.P.64 Serum lipoproteins lowering and diabetic exudative retinopathy. <i>Atherosclerosis</i> , 1997, 134, 309.	0.8	1
71	W16-P-053 Computer aided optimization and standardization of the procedures in lipid lowering immunotherapy. <i>Atherosclerosis Supplements</i> , 2005, 6, 114.	1.2	1
72	Effects of body fat reduction on plasma adipocyte fatty acid-binding protein concentration in obese patients with type 1 diabetes mellitus. <i>Neuroendocrinology Letters</i> , 2012, 33 Suppl 2, 6-12.	0.2	1

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73	3.P.8 Antioxidant status and vitamin E in lipoprotein fractions during hypolipidemic therapy. <i>Atherosclerosis</i> , 1997, 134, 200.	0.8	0
74	Fatty acids content of cell membranes and plasma lipoproteins during LDL-apheresis. <i>Atherosclerosis</i> , 1999, 144, 189.	0.8	0
75	W16-P-008 Assessment of absorber efficacy during LDL-apheresis. <i>Atherosclerosis Supplements</i> , 2005, 6, 102.	1.2	0
76	W16-P-009 Relation of carotid intima-media thickness and lipoperoxidation during long-term aggressive lipid lowering with LDL apheresis. <i>Atherosclerosis Supplements</i> , 2005, 6, 102.	1.2	0
77	W16-P-089 Extracorporeal plasmapheresis in the treatment of severe hyperlipidaemia in patient with polymyositis. <i>Atherosclerosis Supplements</i> , 2005, 6, 123.	1.2	0
78	T07-P-002 LDL-lowering immunoapheresis is well tolerated and safe procedure in familial hyperlipoproteinaemia. <i>Atherosclerosis Supplements</i> , 2005, 6, 171.	1.2	0
79	Th-P16:317 Performance of LDL-apheresis and its relation to haemostasis. <i>Atherosclerosis Supplements</i> , 2006, 7, 563.	1.2	0
80	PO3-65 DECREASED ATHEROGENIC LIPOPROTEINS LINKED TO AGE RELATED MACULAR DEGENERATION (ARD): IMPACT OF HAEMORHEOPHERESIS. <i>Atherosclerosis Supplements</i> , 2007, 8, 34.	1.2	0
81	MALNUTRITION, INFLAMMATION, ATHEROSCLEROSIS AND CALCIFICATION (MIAC SYNDROME) NEGATIVELY INFLUENCE PERIPHERAL BLOOD FLOW DURING HEMODIALYSIS (HD). <i>Atherosclerosis Supplements</i> , 2008, 9, 159.	1.2	0
82	OUTCOME COMPARISON TO TAKE ADVANTAGE OF MODIFIED PLATELETS AGGREGATION AND PFA-100 ANALYSIS TO RATIONALIZE THERAPEUTIC LDL-APHERESIS PROCEDURE. <i>Atherosclerosis Supplements</i> , 2008, 9, 168-169.	1.2	0
83	DETERMINATION OF STATINS IN BIOLOGICAL MATERIALS. <i>Atherosclerosis Supplements</i> , 2008, 9, 204.	1.2	0
84	LDL Apheresis – long-term follow-up in a Czech centre. <i>Atherosclerosis</i> , 2017, 263, e150.	0.8	0
85	Plasma NEFA concentration in ICU patients are not related to the fat/glucose based parenteral nutrition regime. <i>Atherosclerosis</i> , 2017, 263, e223.	0.8	0
86	Long-term high carbohydrate parenteral nutrition does not have negative effect on the hepatic function and triglyceridemia. <i>Atherosclerosis</i> , 2017, 263, e223-e224.	0.8	0
87	Impact of lipoprotein apheresis on the content of alpha-tocopherol in cell membranes and lipid peroxidation. <i>Atherosclerosis</i> , 2017, 263, e244.	0.8	0
88	Potential uses of assessment of functional changes in primary hemostasis by the PFA-100 analyzer and modified assessment of platelet aggregation in rationalizing management of patients with familial hypercholesterolemia treated by extracorporeal LDL-cholesterol elimination. <i>Cor Et Vasa</i> , 2007, 49, 303-311.	0.1	0
89	Changes in cholesterol metabolism during acute upper gastrointestinal bleeding: liver cirrhosis and non cirrhosis compared. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2019, 163, 253-258.	0.6	0
90	THE INFLUENCE OF TOTAL PARENTERAL NUTRITION ON THE METABOLISM OF NON-ESTERIFIED FATTY ACIDS IN CRITICALLY ILL PATIENTS: ONGOING DATA FROM A PROSPECTIVE RANDOMIZED STUDY. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 2019, 88, 150-158.	0.5	0