

Mladen Boban

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

12,790
citations

126907

33
h-index

76900

74
g-index

78
all docs

78
docs citations

78
times ranked

22621
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109.	27.8	1,855
3	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
4	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	21.4	762
5	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 376-384.	21.4	710
6	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	12.8	412
7	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011.	21.4	403
8	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011, 43, 1082-1090.	21.4	367
9	Polyphenolic profile, antioxidant properties and antimicrobial activity of grape skin extracts of 14 <i>Vitis vinifera</i> varieties grown in Dalmatia (Croatia). <i>Food Chemistry</i> , 2010, 119, 715-723.	8.2	320
10	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012, 44, 260-268.	21.4	303
11	Antioxidant effectiveness of selected wines in comparison with (+)-catechin. <i>Food Chemistry</i> , 2004, 86, 593-600.	8.2	250
12	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	166
13	Gender differences in antioxidant capacity of rat tissues determined by 2,2'-azino-bis(3-ethylbenzothiazoline 6-sulfonate; ABTS) and ferric reducing antioxidant power (FRAP) assays. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 140, 47-52.	2.6	155
14	Meta-Analysis of Genome-Wide Association Studies Identifies Six New Loci for Serum Calcium Concentrations. <i>PLoS Genetics</i> , 2013, 9, e1003796.	3.5	142
15	Antioxidant capacity and vasodilatory properties of Mediterranean food: The case of Cannonau wine, myrtle berries liqueur and strawberry-tree honey. <i>Food Chemistry</i> , 2013, 140, 686-691.	8.2	107
16	Antioxidative and vasodilatory effects of phenolic acids in wine. <i>Food Chemistry</i> , 2010, 119, 1205-1210.	8.2	100
17	1000 Dalmatians: Croatia Launches Its National Biobank. <i>Croatian Medical Journal</i> , 2009, 50, 4-6.	0.7	99
18	Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 100-112.	5.1	98

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19	Ethical aspects of human biobanks: a systematic review. <i>Croatian Medical Journal</i> , 2011, 52, 262-279.	0.7	95
20	Evidence of Inbreeding Depression on Human Height. <i>PLoS Genetics</i> , 2012, 8, e1002655.	3.5	79
21	Bioavailability of wine-derived phenolic compounds in humans: a review. <i>Food and Function</i> , 2012, 3, 995.	4.6	74
22	The increase in human plasma antioxidant capacity after red wine consumption is due to both plasma urate and wine polyphenols. <i>Atherosclerosis</i> , 2008, 197, 250-256.	0.8	70
23	Discovery and Fine Mapping of Serum Protein Loci through Transethnic Meta-analysis. <i>American Journal of Human Genetics</i> , 2012, 91, 744-753.	6.2	69
24	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012, 21, 5329-5343.	2.9	64
25	Red Wine Induced Modulation of Vascular Function: Separating the Role of Polyphenols, Ethanol, and Urates. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 47, 695-701.	1.9	58
26	Genome-wide Association Study of Biochemical Traits in Korčula Island, Croatia. <i>Croatian Medical Journal</i> , 2009, 50, 23-33.	0.7	49
27	A meta-analysis of genome-wide data from five European isolates reveals an association of COL22A1, SYT1, and GABRR2 with serum creatinine level. <i>BMC Medical Genetics</i> , 2010, 11, 41.	2.1	48
28	Cardiovascular effects in vitro of aqueous extract of wild strawberry (<i>Fragaria vesca</i> , L.) leaves. <i>Phytomedicine</i> , 2009, 16, 462-469.	5.3	46
29	Sea fennel (<i>Crithmum maritimum</i> L.): phytochemical profile, antioxidative, cholinesterase inhibitory and vasodilatory activity. <i>Journal of Food Science and Technology</i> , 2016, 53, 3104-3112.	2.8	45
30	Direct Comparative Effects of Isoflurane and Desflurane in Isolated Guinea Pig Hearts. <i>Anesthesiology</i> , 1992, 76, 775-780.	2.5	44
31	Successive deep dives impair endothelial function and enhance oxidative stress in man. <i>Clinical Physiology and Functional Imaging</i> , 2010, 30, 432-438.	1.2	44
32	Lack of Stereospecific Effects of Isoflurane and Desflurane Isomers in Isolated Guinea Pig Hearts. <i>Anesthesiology</i> , 1994, 81, 129-136.	2.5	43
33	Drinking pattern of wine and effects on human health: why should we drink moderately and with meals?. <i>Food and Function</i> , 2016, 7, 2937-2942.	4.6	38
34	Acute, food-induced moderate elevation of plasma uric acid protects against hyperoxia-induced oxidative stress and increase in arterial stiffness in healthy humans. <i>Atherosclerosis</i> , 2009, 207, 255-260.	0.8	34
35	Comparison of acute effects of red wine, beer and vodka against hyperoxia-induced oxidative stress and increase in arterial stiffness in healthy humans. <i>Atherosclerosis</i> , 2011, 218, 530-535.	0.8	34
36	Antioxidant and Vasodilatory Effects of Blackberry and Grape Wines. <i>Journal of Medicinal Food</i> , 2012, 15, 315-321.	1.5	33

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37	Common Variants in Mendelian Kidney Disease Genes and Their Association with Renal Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 2105-2117.	6.1	33
38	Genome-wide Association Study of Anthropometric Traits in Korčula Island, Croatia. <i>Croatian Medical Journal</i> , 2009, 50, 7-16.	0.7	27
39	Antimicrobial Effects of Wine: Separating the Role of Polyphenols, pH, Ethanol, and Other Wine Components. <i>Journal of Food Science</i> , 2010, 75, M322-6.	3.1	26
40	Uric Acid and Antioxidant Effects of Wine. <i>Croatian Medical Journal</i> , 2010, 51, 16-22.	0.7	25
41	Contraction uncoupling with butanedione monoxime versus low calcium or high potassium solutions on flow and contractile function of isolated hearts after prolonged hypothermic perfusion.. <i>Circulation</i> , 1994, 89, 2412-2420.	1.6	23
42	Sex-specific association of anthropometric measures of body composition with arterial stiffness in a healthy population. <i>Medical Science Monitor</i> , 2012, 18, CR65-CR71.	1.1	21
43	Reperfusion with Adenosine and Nitroprusside Improves Preservation of Isolated Guinea Pig Hearts After 22 Hours of Cold Perfusion with 2,3 Butanedione Monoxime. <i>Journal of Cardiovascular Pharmacology</i> , 1993, 21, 578-586.	1.9	17
44	Direct Comparative Effects of Isoflurane and Desflurane on Sympathetic Ganglionic Transmission. <i>Anesthesia and Analgesia</i> , 1995, 80, 127-134.	2.2	17
45	Potassium Channel Openers Attenuate Atrioventricular Block by Bupivacaine in Isolated Hearts. <i>Anesthesia and Analgesia</i> , 1993, 76, 1259-1265.	2.2	15
46	Direct Comparative Effects of Isoflurane and Desflurane on Sympathetic Ganglionic Transmission. <i>Anesthesia and Analgesia</i> , 1995, 80, 127-134.	2.2	15
47	Effects of oxidation and browning of macerated white wine on its antioxidant and direct vasodilatory activity. <i>Journal of Functional Foods</i> , 2019, 59, 138-147.	3.4	15
48	Predictive Value of 8 Genetic Loci for Serum Uric Acid Concentration. <i>Croatian Medical Journal</i> , 2010, 51, 23-31.	0.7	14
49	Comparison of protective effects of catechin applied in vitro and in vivo on ischemia-reperfusion injury in the isolated rat hearts. <i>Croatian Medical Journal</i> , 2003, 44, 690-6.	0.7	12
50	Interactions Between Genetic Variants in Glucose Transporter Type 9 (SLC2A9) and Dietary Habits in Serum Uric Acid Regulation. <i>Croatian Medical Journal</i> , 2010, 51, 40-47.	0.7	11
51	Arterial stiffness in patients with coronary artery disease: relation with in-stent restenosis following percutaneous coronary intervention. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 128.	1.7	10
52	White Wine Consumption Influences Inflammatory Phase of Repair After Myocardial Infarction in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 70, 293-299.	1.9	10
53	Thermally treated wine retains antibacterial effects to food-born pathogens. <i>Food Control</i> , 2010, 21, 1161-1165.	5.5	9
54	A complex pattern of agreement between oscillometric and tonometric measurement of arterial stiffness in a population-based sample. <i>Journal of Hypertension</i> , 2012, 30, 1444-1452.	0.5	9

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55	Normative equations for central augmentation index: assessment of inter-population applicability and how it could be improved. <i>Scientific Reports</i> , 2016, 6, 27016.	3.3	9
56	Effects of White Wine Consumption on Weight in Rats: Do Polyphenols Matter?. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	4.0	9
57	Effects of L-Arginine and N ^ω -Nitro-L-Arginine Methyl Ester on Cardiac Perfusion and Function After 1-Day Cold Preservation of Isolated Hearts. <i>Circulation</i> , 1997, 95, 1623-1634.	1.6	9
58	The effects of wine consumption on cardiovascular disease and associated risk factors: a narrative review. <i>Oeno One</i> , 2018, 52, 67-79.	1.4	9
59	Teaching disability and rehabilitation medicine at the Medical School in Split, Croatia. <i>Croatian Medical Journal</i> , 2004, 45, 99-102.	0.7	9
60	Glycerol and Ethanol in Red Wine Are Responsible for Urate-Related Increases in Plasma Antioxidant Capacity. <i>Clinical Chemistry</i> , 2006, 52, 785-787.	3.2	8
61	Can genetics aggravate the health of isolated and remote populations? The case of gout, hyperuricaemia and osteoarthritis in Dalmatia. <i>Rural and Remote Health</i> , 2013, 13, 2153.	0.5	8
62	Coronary Flow Response to Vasodilators in Isolated Hearts Cold Perfused for One Day with Butanedione Monoxime. <i>Endothelium: Journal of Endothelial Cell Research</i> , 1994, 2, 87-98.	1.7	7
63	Differences in Vasodilatory Response to Red Wine in Rat and Guinea Pig Aorta. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 53, 116-120.	1.9	7
64	Anesthetics and Automaticity in Latent Pacemaker Fibers. <i>Anesthesiology</i> , 1993, 79, 555-562.	2.5	6
65	Expression of adhesion molecules on granulocytes and monocytes following myocardial infarction in rats drinking white wine. <i>PLoS ONE</i> , 2018, 13, e0196842.	2.5	6
66	Dose dependent effects of standardized nose-horned viper (<i>Vipera ammodytes ammodytes</i>) venom on parameters of cardiac function in isolated rat heart. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 434-440.	2.6	4
67	Expression of Leukocytes Following Myocardial Infarction in Rats is Modulated by Moderate White Wine Consumption. <i>Nutrients</i> , 2019, 11, 1890.	4.1	4
68	Muscarinic and ganglionic blocking properties of atropine compounds in vivo and in vitro: time dependence and heart rate effects. <i>Canadian Journal of Physiology and Pharmacology</i> , 1995, 73, 483-490.	1.4	3
69	Thermally Treated Wine Retains Vasodilatory Activity in Rat and Guinea Pig Aorta. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 707-711.	1.9	3
70	Antimicrobial Activity of Selected Red and White Wines against <i>Escherichia coli</i> : In Vitro Inhibition Using Fish as Food Matrix. <i>Foods</i> , 2020, 9, 936.	4.3	3
71	Potassium Channel Openers Attenuate Atrioventricular Block by Bupivacaine in Isolated Hearts. <i>Anesthesia and Analgesia</i> , 1993, 76, 1259-1265.	2.2	3
72	Effects of Moderate Consumption of Red Wine on Hepcidin Levels in Patients with Type 2 Diabetes Mellitus. <i>Foods</i> , 2022, 11, 1881.	4.3	3

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73	Blood Gases and Sex Hormones in Women with and without Genital Descensus. <i>Respiration</i> , 1999, 66, 400-406.	2.6	2
74	BUPIVACAINE INDUCED AV BLOCK IS ATTENUATED BY POTASSIUM CHANNEL OPENERS. <i>Anesthesiology</i> , 1992, 77, A652.	2.5	1
75	Searching for carbonylome biomarkers of aging â€“ development and validation of the proteomic method for quantification of carbonylated protein in human plasma. <i>Croatian Medical Journal</i> , 2020, 61, 119-125.	0.7	1
76	THE EFFECTS OF ISOFLURANE AND NOREPINEPHRINE ON PRIMARY AND SUBSIDIARY ATRIAL PACEMAKERS. <i>Anesthesiology</i> , 1992, 77, A643.	2.5	0
77	IMPROVED CORONARY FLOW, CARDIAC EFFICIENCY AND CONTRACTILITY AFTER 22 HOURS OF HYPOTHERMIC PERFUSION WITH ADENOSINE AND NITROPRUSSIDE GIVEN WITH BUTANEDIONE MONOXIME. <i>Anesthesiology</i> , 1992, 77, A613.	2.5	0
78	Antimicrobial Activity of Wine in Relation to Bacterial Resistance to Medicinal Antibiotics. <i>Oeno One</i> , 2021, 55, 45-48.	1.4	0