

# Darko Modun

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,522  
citations

361045

20  
h-index

315357

38  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant effectiveness of selected wines in comparison with (+)-catechin. <i>Food Chemistry</i> , 2004, 86, 593-600.	4.2	250
2	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.	1.3	155
3	Antioxidative and vasodilatory effects of phenolic acids in wine. <i>Food Chemistry</i> , 2010, 119, 1205-1210.	4.2	100
4	Development, validation and biomedical applications of stable-isotope dilution GC-MS and GC-MS/MS techniques for circulating malondialdehyde (MDA) after pentafluorobenzyl bromide derivatization: MDA as a biomarker of oxidative stress and its relation to 15(S)-8-iso-prostaglandin F <sub>2</sub> and nitric oxide (NO). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 95-111.	1.2	79
5	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.	0.4	70
6	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.	0.8	58
7	Simple and Rapid Method for the Determination of Uric Acid-Independent Antioxidant Capacity. <i>Molecules</i> , 2011, 16, 7058-7067.	1.7	54
8	Genome-wide Association Study of Biochemical Traits in Korčula Island, Croatia. <i>Croatian Medical Journal</i> , 2009, 50, 23-33.	0.2	49
9	Antioxidant Pretreatment and Reduced Arterial Endothelial Dysfunction After Diving. <i>Aviation, Space, and Environmental Medicine</i> , 2007, 78, 1114-1120.	0.6	47
10	Cardiovascular effects in vitro of aqueous extract of wild strawberry ( <i>Fragaria vesca</i> , L.) leaves. <i>Phytomedicine</i> , 2009, 16, 462-469.	2.3	46
11	Successive deep dives impair endothelial function and enhance oxidative stress in man. <i>Clinical Physiology and Functional Imaging</i> , 2010, 30, 432-438.	0.5	44
12	Effects of successive air and nitrox dives on human vascular function. <i>European Journal of Applied Physiology</i> , 2012, 112, 2131-2137.	1.2	43
13	Implications of COVID-19 Pandemic on the Emergence of Antimicrobial Resistance: Adjusting the Response to Future Outbreaks. <i>Life</i> , 2021, 11, 220.	1.1	36
14	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.	0.4	34
15	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.	0.4	34
16	Antioxidant and Vasodilatory Effects of Blackberry and Grape Wines. <i>Journal of Medicinal Food</i> , 2012, 15, 315-321.	0.8	33
17	Plasma nitrite concentration decreases after hyperoxia-induced oxidative stress in healthy humans. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 404-408.	0.5	32
18	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.	1.5	26

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19	Uric Acid and Antioxidant Effects of Wine. <i>Croatian Medical Journal</i> , 2010, 51, 16-22.	0.2	25
20	Stable-isotope dilution GC-MS approach for nitrite quantification in human whole blood, erythrocytes, and plasma using pentafluorobenzyl bromide derivatization: Nitrite distribution in human blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1485-1495.	1.2	23
21	Effect of hyperbaric oxygenation on the regeneration of the liver after partial hepatectomy in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2004, 37, 1231-1237.	0.7	18
22	Antimicrobial Resistance: Physicians' and Pharmacists' Perspective. <i>Microbial Drug Resistance</i> , 2021, 27, 670-677.	0.9	17
23	Nitric Oxide-Related Oxidative Stress and Redox Status in Health and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-3.	1.9	15
24	Attitudes and Knowledge Regarding Antimicrobial Use and Resistance Among Pharmacy and Medical Students at the University of Split, Croatia. <i>Microbial Drug Resistance</i> , 2018, 24, 1521-1528.	0.9	15
25	Health care professionals' and students' attitude toward collaboration between pharmacists and physicians in Croatia. <i>International Journal of Clinical Pharmacy</i> , 2016, 38, 16-19.	1.0	14
26	Differences among health care students' attitudes, knowledge and use of dietary supplements: a cross-sectional study. <i>Complementary Therapies in Medicine</i> , 2018, 41, 35-40.	1.3	14
27	131I-induced changes in rat thyroid gland function. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 1087-1094.	0.7	12
28	Evaluation of accordance of antibiotics package size with recommended treatment duration of guidelines for sore throat and urinary tract infections. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 30.	1.5	12
29	Interprofessional pharmacotherapy workshop: intervention to improve health professionals' and students' attitudes towards collaboration between physicians and pharmacists. <i>Journal of Interprofessional Care</i> , 2019, 33, 456-463.	0.8	12
30	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.	0.2	12
31	Correlation of registered drug packs with Maastricht V/Florence Consensus Report and national treatment guidelines for management of <i>Helicobacter pylori</i> infection. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 126, 212-225.	1.2	11
32	Adherence to Maastricht V/Florence consensus report for the management of <i>Helicobacter pylori</i> infection among primary care physicians and medical students in Croatia: A cross-sectional study. <i>Helicobacter</i> , 2021, 26, e12775.	1.6	11
33	Scholarly publishing depends on peer reviewers. <i>Pharmacy Practice</i> , 2018, 16, 1236.	0.8	10
34	Thermally treated wine retains antibacterial effects to food-borne pathogens. <i>Food Control</i> , 2010, 21, 1161-1165.	2.8	9
35	Anatomical site differences of sodium lauryl sulfate-induced irritation: randomized controlled trial. <i>British Journal of Dermatology</i> , 2019, 181, 175-185.	1.4	9
36	Are We Making the Most of Community Pharmacies? Implementation of Antimicrobial Stewardship Measures in Community Pharmacies: A Narrative Review. <i>Antibiotics</i> , 2021, 10, 63.	1.5	9

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37	Glycerol and Ethanol in Red Wine Are Responsible for Urate-Related Increases in Plasma Antioxidant Capacity. <i>Clinical Chemistry</i> , 2006, 52, 785-787.	1.5	8
38	LC-MS/MS and GC-MS/MS measurement of plasma and urine di-paracetamol and 3-nitro-paracetamol: Proof-of-concept studies on a novel human model of oxidative stress based on oral paracetamol administration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 959, 71-81.	1.2	8
39	Differences in Vasodilatory Response to Red Wine in Rat and Guinea Pig Aorta. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 53, 116-120.	0.8	7
40	Acute application of antioxidants protects against hyperoxia-induced reduction of plasma nitrite concentration. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 76-80.	0.5	7
41	Improving community pharmacists' clinical knowledge to detect and resolve drug-related problems in Croatia: a before/after survey study investigating the efficacy of an educational intervention. <i>BMJ Open</i> , 2020, 10, e034674.	0.8	7
42	Did an introduction of CONSORT for abstracts guidelines improve reporting quality of randomised controlled trials' abstracts on <i>Helicobacter pylori</i> infection? Observational study. <i>BMJ Open</i> , 2022, 12, e054978.	0.8	7
43	Community pharmacists' use, perception and knowledge on dietary supplements: a cross sectional study. <i>Pharmacy Practice</i> , 2021, 19, 2251.	0.8	6
44	Analysis of spontaneous reporting of suspected adverse drug reactions for non-analgesic over-the-counter drugs from 2008 to 2017. <i>BMC Pharmacology &amp; Toxicology</i> , 2019, 20, 60.	1.0	5
45	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.	1.3	4
46	Antioxidants and Endothelial Dysfunction in Young and Elderly People: Is Flow-Mediated Dilation Useful to Assess Acute Effects?. <i>Hypertension</i> , 2012, 60, e5; author reply e6-7.	1.3	4
47	Clinical knowledge of community pharmacists in Croatia for detecting drug-related problems. <i>International Journal of Clinical Pharmacy</i> , 2017, 39, 1171-1174.	1.0	4
48	Response to the Letter to the Editor entitled 'Correlation of registered drug packs in Greece with Maastricht V/Florence and Hellenic <i>Helicobacter pylori</i> infection treatment Consensus: A poor or a proper match?'. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 8-9.	1.2	3
49	<i>Helicobacter pylori</i> Infection in Croatian Population: Knowledge, Attitudes and Factors Influencing Incidence and Recovery. <i>Healthcare (Switzerland)</i> , 2022, 10, 833.	1.0	3
50	Investigation of Biomedical Students' Attitudes toward Pharmacogenomics and Personalized Medicine: A Cross-Sectional Study. <i>Pharmacy (Basel, Switzerland)</i> , 2022, 10, 73.	0.6	3
51	Comparison of mechanical, chemical and physical human models of in vivo skin damage: Randomized controlled trial. <i>Skin Research and Technology</i> , 2021, 27, 208-216.	0.8	2
52	Teaching Pharmacovigilance to Healthcare Students: Identifying Gaps and Opportunities for Improvement. <i>Pharmacy (Basel, Switzerland)</i> , 2021, 9, 147.	0.6	2
53	Determination of N-Acetyl-L-cysteine Ethyl Ester (NACET) by Flow Injection Analysis and Spectrophotometric Detection Using Different Thiol-Sensitive Ligands. <i>Molecules</i> , 2021, 26, 6826.	1.7	2
54	The differences between insulin glargine U300 and insulin degludec U100 in impact on the glycaemic variability, arterial stiffness and the lipid profiles in insulin naïve patients suffering from type two diabetes mellitus - outcomes from cross-over open-label randomized trial. <i>BMC Endocrine Disorders</i> , 2021, 21, 86.	0.9	1

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55	Comparison of the Impact of Insulin Degludec U100 and Insulin Glargine U300 on Glycemic Variability and Oxidative Stress in Insulin-Naive Patients With Type 2 Diabetes Mellitus: Pilot Study for a Randomized Trial. <i>JMIR Formative Research</i> , 2022, 6, e35655.	0.7	1
56	Pregled poticaja za razvoj pedijatrijskih lijekova i broja pedijatrijskih kliničkih ispitivanja faze III u izabranim državama. <i>Medicina Fluminensis</i> , 2019, 55, 337-345.	0.1	0
57	Seasonal variations in nutritional status and oxidative stress in patients on hemodialysis: Are they related?. <i>Nutrition</i> , 2021, 89, 111205.	1.1	0
58	Registered Drug Packs of Antimicrobials and Treatment Guidelines for Prostatitis: Are They in Accordance?. <i>Healthcare (Switzerland)</i> , 2022, 10, 1158.	1.0	0
59	Investigation of Biomedical Students' Knowledge on Glaucoma Reveals a Need for Education: A Cross-Sectional Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 1241.	1.0	0