

# Mladen Milos

## List of Publications by Citations

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49  
papers

3,381  
citations

24  
h-index

52  
g-index

52  
ext. papers

3,692  
ext. citations

4  
avg, IF

5.01  
L-index

#	Paper	IF	Citations
49	Use of different methods for testing antioxidative activity of oregano essential oil. <i>Food Chemistry</i> , <b>2004</b> , 85, 633-640	8.5	666
48	Screening of 70 medicinal plant extracts for antioxidant capacity and total phenols. <i>Food Chemistry</i> , <b>2006</b> , 94, 550-557	8.5	644
47	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> , <b>2010</b> , 119, 715-723	8.5	265
46	Antioxidant effectiveness of selected wines in comparison with (+)-catechin. <i>Food Chemistry</i> , <b>2004</b> , 86, 593-600	8.5	195
45	In vitro acetylcholinesterase inhibitory properties of thymol, carvacrol and their derivatives thymoquinone and thymohydroquinone. <i>Phytotherapy Research</i> , <b>2007</b> , 21, 259-61	6.7	188
44	Chemical composition and antioxidant effect of glycosidically bound volatile compounds from oregano ( <i>Origanum vulgare</i> L. ssp. <i>hirtum</i> ). <i>Food Chemistry</i> , <b>2000</b> , 71, 79-83	8.5	156
43	Composition and antibacterial activities of essential oils of seven <i>Ocimum</i> taxa. <i>Food Chemistry</i> , <b>2010</b> , 119, 196-201	8.5	144
42	Composition and antimicrobial activity of the essential oil of <i>Artemisia absinthium</i> from Croatia and France. <i>Planta Medica</i> , <b>2003</b> , 69, 158-61	3.1	92
41	The impact of both the season of collection and drying on the volatile constituents of <i>Origanum vulgare</i> L. ssp. <i>hirtum</i> grown wild in Croatia. <i>International Journal of Food Science and Technology</i> , <b>2001</b> , 36, 649-654	3.8	92
40	Calcium-proton and calcium-magnesium antagonisms in calmodulin: microcalorimetric and potentiometric analyses. <i>Biochemistry</i> , <b>1986</b> , 25, 6279-87	3.2	88
39	Chemical composition and in vitro evaluation of antioxidant effect of free volatile compounds from <i>Satureja montana</i> L. <i>Free Radical Research</i> , <b>2003</b> , 37, 673-9	4	66
38	Localities and seasonal variations in the chemical composition of essential oils of <i>Satureja montana</i> L. and <i>S. cuneifolia</i> Ten. <i>Flavour and Fragrance Journal</i> , <b>2001</b> , 16, 157-160	2.5	65
37	Investigation of antioxidant synergisms and antagonisms among thymol, carvacrol, thymoquinone and p-cymene in a model system using the Briggs-Rauscher oscillating reaction. <i>Food Chemistry</i> , <b>2012</b> , 131, 296-299	8.5	55
36	Effect of the environmental conditions on essential oil profile in two Dinaric <i>Salvia</i> species: <i>S. brachyodon</i> Vandas and <i>S. officinalis</i> L.. <i>Biochemical Systematics and Ecology</i> , <b>2007</b> , 35, 473-478	1.4	50
35	Molecular and chemical characterization of the most widespread <i>Ocimum</i> species. <i>Plant Systematics and Evolution</i> , <b>2011</b> , 294, 253-262	1.3	44
34	The effects of essential oils and aqueous tea infusions of oregano ( <i>Origanum vulgare</i> L. ssp. <i>hirtum</i> ), thyme ( <i>Thymus vulgaris</i> L.) and wild thyme ( <i>Thymus serpyllum</i> L.) on the copper-induced oxidation of human low-density lipoproteins. <i>International Journal of Food Sciences and Nutrition</i> , <b>2007</b> , 58, 87-93	3.7	42
33	Chemical variability of <i>Artemisia vulgaris</i> L. essential oils originated from the Mediterranean area of France and Croatia. <i>Flavour and Fragrance Journal</i> , <b>2003</b> , 18, 436-440	2.5	38

32	Gas chromatography mass spectral analysis of free and glycosidically bound volatile compounds from <i>Juniperus oxycedrus</i> L. growing wild in Croatia. <i>Food Chemistry</i> , <b>2000</b> , 68, 333-338	8.5	36
31	Evidence for four capital and six auxiliary cation-binding sites on calmodulin: divalent cation interactions monitored by direct binding and microcalorimetry. <i>Journal of Inorganic Biochemistry</i> , <b>1989</b> , 36, 11-25	4.2	36
30	Chemical characterization and genetic relationships among <i>Ocimum basilicum</i> L. cultivars. <i>Chemistry and Biodiversity</i> , <b>2011</b> , 8, 1978-89	2.5	33
29	EVALUATION OF THE ANTIOXIDANT ACTIVITY OF ESSENTIAL OILS FROM CAPER ( <i>CAPPARIS SPINOSA</i> ) AND SEA FENNEL ( <i>CRITHMUM MARITIMUM</i> ) BY DIFFERENT METHODS. <i>Journal of Food Biochemistry</i> , <b>2010</b> , 34, 286-302	3.3	28
28	Advantages of an Electrochemical Method Compared to the Spectrophotometric Kinetic Study of Peroxidase Inhibition by Boroxine Derivative. <i>Molecules</i> , <b>2017</b> , 22,	4.8	25
27	Sea fennel ( L.): phytochemical profile, antioxidative, cholinesterase inhibitory and vasodilatory activity. <i>Journal of Food Science and Technology</i> , <b>2016</b> , 53, 3104-3112	3.3	24
26	The Impact of the Locality Altitudes and Stages of Development on the Volatile Constituents of <i>Salvia officinalis</i> L. from Bosnia and Herzegovina. <i>Journal of Essential Oil Research</i> , <b>2006</b> , 18, 178-180	2.3	24
25	Thermodynamics of the binding of calcium and strontium to bovine alpha-lactalbumin. <i>FEBS Letters</i> , <b>1985</b> , 190, 77-80	3.8	24
24	Dipotassium-trioxohydroxytetrafluorotriborate, $K_2[B_3O_3F_4OH]$ , is a potent inhibitor of human carbonic anhydrases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2015</b> , 30, 341-4	5.6	23
23	COMPARISON OF CHEMICAL COMPOSITION AND ANTIOXIDANT ACTIVITY OF GLYCOSIDICALLY BOUND AND FREE VOLATILES FROM CLOVE ( <i>EUGENIA CARYOPHYLLATA</i> THUNB.). <i>Journal of Food Biochemistry</i> , <b>2010</b> , 34, 129-141	3.3	23
22	Antioxidant activity versus cytotoxic and nuclear factor kappa B regulatory activities on HT-29 cells by natural fruit juices. <i>European Food Research and Technology</i> , <b>2009</b> , 228, 417-424	3.4	22
21	Inhibition of lard oxidation by fractions of different essential oils. <i>Grasas Y Aceites</i> , <b>2005</b> , 56,	1.3	20
20	Chemical composition and antimicrobial activity of the essential oil of endemic Dalmatian black pine ( <i>Pinus nigra</i> ssp. <i>dalmatica</i> ). <i>Chemistry and Biodiversity</i> , <b>2011</b> , 8, 540-7	2.5	19
19	Seasonal Variation in Essential Oil Compositions of <i>Cupressus sempervirens</i> L.. <i>Journal of Essential Oil Research</i> , <b>2002</b> , 14, 222-223	2.3	18
18	A study of the inhibition of catalase by dipotassium trioxohydroxytetrafluorotriborate $K_2[B_3O_3F_4OH]$ . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2014</b> , 29, 744-8	5.6	15
17	A comparative study of biomimetic oxidation of oregano essential oil by H <sub>2</sub> O <sub>2</sub> or KHSO <sub>5</sub> catalyzed by Fe (III) meso-tetraphenylporphyrin or Fe (III) phthalocyanine. <i>Applied Catalysis A: General</i> , <b>2001</b> , 216, 157-161	5.1	15
16	Thermodynamics of cation binding to Nereis sarcoplasmic calcium-binding protein. Direct binding studies, microcalorimetry and conformational changes. <i>FEBS Journal</i> , <b>1992</b> , 208, 133-8		14
15	In vitro and in vivo antitumor activity of the halogenated boroxine dipotassium-trioxohydroxytetrafluorotriborate ( $K_2[B_3O_3F_4OH]$ ). <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2015</b> , 30, 354-9	5.6	11

14	Screening for acetylcholinesterase inhibition and antioxidant activity of selected plants from Croatia. <i>Natural Product Research</i> , <b>2012</b> , 26, 1703-7	2.3	11
13	Comparison of chemical composition and free radical scavenging ability of glycosidically bound and free volatiles from Bosnian pine ( <i>Pinus heldreichii</i> Christ. var. <i>leucodermis</i> ). <i>Molecules</i> , <b>2007</b> , 12, 283-9	4.8	11
12	Impact of calcium ion on cytotoxic effect of the boroxine derivative, K[BOFOH]. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 70-74	5.6	9
11	Inhibition of Horseradish Peroxidase Activity by Boroxine Derivative, Dipotassium-trioxohydroxytetrafluorotriborate K <sub>2</sub> [B <sub>3</sub> O <sub>3</sub> F <sub>4</sub> OH]. <i>Journal of Chemistry</i> , <b>2017</b> , 2017, 1-7	2.3	8
10	Effects of Different Methods of Isolation on Volatile Composition of L. <i>International Journal of Analytical Chemistry</i> , <b>2018</b> , 2018, 9604183	1.4	8
9	Robust Nonlinear Regression in Enzyme Kinetic Parameters Estimation. <i>Journal of Chemistry</i> , <b>2017</b> , 2017, 1-12	2.3	7
8	Chemical composition and antioxidant test of free and glycosidically bound volatile compounds of savory ( <i>Satureja montana</i> L. subsp. <i>montana</i> ) from Croatia. <i>Molecular Nutrition and Food Research</i> , <b>2003</b> , 47, 236-7		7
7	In vitro and in vivo antitumour effects of phenylboronic acid against mouse mammary adenocarcinoma 4T1 and squamous carcinoma SCCVII cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 1299-1304	5.6	6
6	Effects of dipotassium-trioxohydroxytetrafluorotriborate, K <sub>2</sub> [B <sub>3</sub> O <sub>3</sub> F <sub>4</sub> OH], on cell viability and gene expression of common human cancer drug targets in a melanoma cell line. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 999-1004	5.6	5
5	<i>Campanula portenschlagiana</i> ROEM. et SCHULT.: chemical and antimicrobial activities. <i>Chemistry and Biodiversity</i> , <b>2013</b> , 10, 1072-80	2.5	3
4	Chemical Composition of the Essential Oil of <i>Sequoiadendron giganteum</i> (Lindl.) Buchh. Cultivated in Croatia. <i>Journal of Essential Oil Research</i> , <b>2003</b> , 15, 36-38	2.3	3
3	Phytochemical Profiles of Volatile Constituents from <i>Centaurea ragusina</i> Leaves and Flowers and their Antimicrobial Effects. <i>Natural Product Communications</i> , <b>2012</b> , 7, 1934578X1200700	0.9	2
2	Chemical Composition of <i>Hypericum richeri</i> subsp. <i>grisebachii</i> Essential Oil from Croatia. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300800	0.9	
1	Etude calorimetrique des interactions des ions calcium et magnesium avec la calmoduline. <i>Thermochimica Acta</i> , <b>1987</b> , 122, 37-43	2.9	