

Nenad L VukoviÄ

List of Publications by Year in descending order

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75
papers

1,563
citations

279487

23
h-index

360668

35
g-index

75
all docs

75
docs citations

75
times ranked

1979
citing authors

#	ARTICLE	IF	CITATIONS
1	Methanolic Extract of Teucrium Polium Exerts Immunomodulatory Properties in Human Peripheral Blood Mononuclear Cells. Serbian Journal of Experimental and Clinical Research, 2022, 23, 345-351.	0.2	1
2	Comparative study of the genotoxic activity of <i>Artemisia vulgaris</i> L. and <i>Artemisia alba</i> Turra extracts <i>in vitro</i> . Drug and Chemical Toxicology, 2022, 45, 1915-1922.	1.2	3
3	The impact of medicinal plant <i>Ocimum minimum</i> L. on fatty acid synthesis process in breast cancer cells. Biologia (Poland), 2022, 77, 489-501.	0.8	2
4	Royal Jelly and Trans-10-Hydroxy-2-Decenoic Acid Inhibit Migration and Invasion of Colorectal Carcinoma Cells. Food Technology and Biotechnology, 2022, 60, 213-224.	0.9	4
5	Chemical Composition, Antioxidant, In Vitro and In Situ Antimicrobial, Antibiofilm, and Anti-Insect Activity of Cedar atlantica Essential Oil. Plants, 2022, 11, 358.	1.6	11
6	Newly synthesized palladium complexes with aminothiazole derivatives: <i>in vitro</i> study of antimicrobial activity and antitumor activity on the human prostate cancer cell line. Dalton Transactions, 2022, 51, 1191-1205.	1.6	10
7	Cymbopogon citratus Essential Oil: Its Application as an Antimicrobial Agent in Food Preservation. Agronomy, 2022, 12, 155.	1.3	17
8	Biological Activity of Pogostemon cablin Essential Oil and Its Potential Use for Food Preservation. Agronomy, 2022, 12, 387.	1.3	12
9	Chemical and Biological Characterization of Melaleuca alternifolia Essential Oil. Plants, 2022, 11, 558.	1.6	25
10	The Potential Use of Citrus aurantifolia L. Essential Oils for Decay Control, Quality Preservation of Agricultural Products, and Anti-Insect Activity. Agronomy, 2022, 12, 735.	1.3	9
11	Assessment of Ocimum basilicum Essential Oil Anti-Insect Activity and Antimicrobial Protection in Fruit and Vegetable Quality. Plants, 2022, 11, 1030.	1.6	14
12	Assessment of Chemical Composition and Anti-Penicillium Activity of Vapours of Essential Oils from Abies Alba and Two Melaleuca Species in Food Model Systems. Molecules, 2022, 27, 3101.	1.7	7
13	Role of Litsea cubeba Essential Oil in Agricultural Products Safety: Antioxidant and Antimicrobial Applications. Plants, 2022, 11, 1504.	1.6	6
14	Antimicrobial and antioxidant activities of <i>Cinnamomum cassia</i> essential oil and its application in food preservation. Open Chemistry, 2021, 19, 214-227.	1.0	25
15	Shikonin Derivatives from <i>Onosmodium visianii</i> Decrease Expression of Phosphorylated STAT3 in Leukemia Cells and Exert Antitumor Activity. Nutrients, 2021, 13, 1147.	1.7	4
16	Antimicrobial Activity and Chemical Composition of Essential Oils against Pathogenic Microorganisms of Freshwater Fish. Plants, 2021, 10, 1265.	1.6	15
17	In Vitro Antimicrobial Activity of Lavender, Mint, and Rosemary Essential Oils and the Effect of Their Vapours on Growth of Penicillium spp. in a Bread Model System. Molecules, 2021, 26, 3859.	1.7	24
18	Thymus serpyllum Essential Oil and Its Biological Activity as a Modern Food Preserver. Plants, 2021, 10, 1416.	1.6	28

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19	Thymus vulgaris Essential Oil and Its Biological Activity. Plants, 2021, 10, 1959.	1.6	43
20	Chemical Composition, In Vitro and In Situ Antimicrobial and Antibiofilm Activities of Syzygium aromaticum (Clove) Essential Oil. Plants, 2021, 10, 2185.	1.6	17
21	Influence of Essential Oils on the Microbiological Quality of Fish Meat during Storage. Animals, 2021, 11, 3145.	1.0	9
22	Chemical composition and biological activity of <i>Salvia officinalis</i> essential oil. Acta Horticulturae Et Regiotecturae, 2021, 24, 81-88.	0.5	9
23	Unsaturated Fatty Acid 10H2DA Content in Serbian Royal Jelly and Its Effects on Motility of Colorectal Carcinoma Cell Lines. , 2021, 8, .		0
24	Effect of Î²-cyclodextrin encapsulation on cytotoxic activity of acetylshikonin against HCT-116 and MDA-MB-231 cancer cell lines. Saudi Pharmaceutical Journal, 2020, 28, 136-146.	1.2	19
25	Characterization of the Omija (Schisandra chinensis) Extract and Its Effects on the Bovine Sperm Vitality and Oxidative Profile during In Vitro Storage. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-15.	0.5	8
26	Chemical Composition and Antimicrobial Activity of Selected Essential Oils against Staphylococcus spp. Isolated from Human Semen. Antibiotics, 2020, 9, 765.	1.5	25
27	Biological Activity and Antibiofilm Molecular Profile of Citrus aurantium Essential Oil and Its Application in a Food Model. Molecules, 2020, 25, 3956.	1.7	39
28	In vitro study of genotoxic and cytotoxic activities of methanol extracts of Artemisia vulgaris L. and Artemisia alba Turra. South African Journal of Botany, 2020, 132, 117-126.	1.2	24
29	Antioxidant, Antimicrobial and Antibiofilm Activity of Coriander (Coriandrum sativum L.) Essential Oil for Its Application in Foods. Foods, 2020, 9, 282.	1.9	76
30	Properties of Ginkgo biloba L.: Antioxidant Characterization, Antimicrobial Activities, and Genomic MicroRNA Based Marker Fingerprints. International Journal of Molecular Sciences, 2020, 21, 3087.	1.8	38
31	Antifungal activity of selected volatile essential oils against Penicillium sp.. Open Life Sciences, 2020, 15, 511-521.	0.6	29
32	Complex effect of Robinia pseudoacacia L. and Ailanthus altissima (Mill.) Swingle growing on asbestos deposits: Allelopathy and biogeochemistry. Journal of the Serbian Chemical Society, 2020, 85, 141-153.	0.4	8
33	Redox status, DNA and HSA binding study of naturally occurring naphthoquinone derivatives. EXCLI Journal, 2020, 19, 48-70.	0.5	3
34	Spectroscopic and theoretical investigation of the potential anti-tumor and anti-microbial agent, 3-(1-((2-hydroxyphenyl)amino)ethylidene)chroman-2,4-dione. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 421-429.	2.0	20
35	Combined Effect of Vacuum Packaging, Fennel and Savory Essential Oil Treatment on the Quality of Chicken Thighs. Microorganisms, 2019, 7, 134.	1.6	19
36	Preparation and antimicrobial activity of a new palladium(II) complexes with a coumarin-derived ligands. Crystal structures of the 3-(1-(o-toluidino)ethylidene)-chroman-2,4-dione and 3-(1-(m-toluidino) ethylidene)-chroman-2,4-dione. Inorganica Chimica Acta, 2019, 484, 52-59.	1.2	22

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37	Anti-Tumor Mechanisms of Novel 3-(4-Substituted Benzyl)-5-Isopropyl-5- Phenylhydantoin Derivatives in Human Colon Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1491-1502.	0.9	4
38	Phytochemical analysis, antioxidant, antibacterial and cytotoxic activity of different plant organs of <i>Eryngium serbicum</i> L.. <i>Industrial Crops and Products</i> , 2018, 115, 88-97.	2.5	23
39	Cytotoxic, proapoptotic and antioxidative potential of flavonoids isolated from propolis against colon (HCT-116) and breast (MDA-MB-231) cancer cell lines. <i>Food Research International</i> , 2018, 106, 71-80.	2.9	38
40	Synthesis, spectroscopic characterization (FT-IR, FT-Raman, and NMR), quantum chemical studies and molecular docking of 3-(1-(phenylamino)ethylidene)-chroman-2,4-dione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 195, 31-40.	2.0	36
41	Synthesis, characterization, antimicrobial and antitumor reactivity of new palladium(II) complexes with methionine and tryptophane coumarine derivatives. <i>Journal of Molecular Structure</i> , 2018, 1157, 425-433.	1.8	13
42	Naphthoquinone rich <i>Onosma visianii</i> Clem (<i>Boraginaceae</i>) root extracts induce apoptosis and cell cycle arrest in HCT-116 and MDA-MB-231 cancer cell lines. <i>Natural Product Research</i> , 2018, 32, 2712-2716.	1.0	20
43	Reactivity of the coumarine derivative towards cartilage proteins: combined NBO, QTAIM, and molecular docking study. <i>Monatshefte für Chemie</i> , 2018, 149, 159-166.	0.9	8
44	Structural, spectral and NBO analysis of 3-(1-(3-hydroxypropylamino)ethylidene)chroman-2,4-dione. <i>Journal of Molecular Structure</i> , 2017, 1147, 69-75.	1.8	18
45	Synthesis, characterization and cytotoxicity of a new palladium(II) complex with a coumarin-derived ligand 3-(1-(3-hydroxypropylamino)ethylidene)chroman-2,4-dione. Crystal structure of the 3-(1-(3-hydroxypropylamino)ethylidene)-chroman-2,4-dione. <i>Inorganica Chimica Acta</i> , 2017, 466, 188-196.	1.2	23
46	The antioxidant and antimicrobial activity of essential oils against <i>Pseudomonas</i> spp. isolated from fish. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 1108-1116.	1.2	66
47	Antibacterial and cytotoxic activities of naphthoquinone pigments from <i>Onosma visianii</i> Clem. <i>EXCLI Journal</i> , 2017, 16, 73-88.	0.5	27
48	Chemical Composition and Antibacterial Activity of Essential Oils of Various Plant Organs of Wild Growing <i>Nepeta cataria</i> from Serbia. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1404-1412.	0.7	2
49	Synthesis and characterization of palladium(II) complexes with glycine coumarin derivatives. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 1383-1392.	0.4	0
50	Serum albumin binding analysis and toxicological screening of novel chroman-2,4-diones as oral anticoagulants. <i>Chemico-Biological Interactions</i> , 2015, 227, 18-31.	1.7	5
51	Newly discovered chroman-2,4-diones neutralize the in vivo DNA damage induced by alkylation through the inhibition of Topoisomerase II±: A story behind the molecular modeling approach. <i>Biochemical Pharmacology</i> , 2015, 98, 243-266.	2.0	3
52	Isolation of alkaloids and anti-tumor activity of the crude methanolic extract of Algerian <i>Cytisus purgans</i> . <i>Oriental Journal of Chemistry</i> , 2015, 31, 1943-1948.	0.1	5
53	In vitro chemoprotective and anticancer activities of propolis in human lymphocytes and breast cancer cells. <i>Archives of Biological Sciences</i> , 2015, 67, 571-581.	0.2	7
54	Antifungal activity of essential oils against selected terverticillate penicillia. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 38-42.	0.5	23

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55	Synthesis, characterization and cytotoxicity of a new palladium(II) complex with a coumarine-derived ligand. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 502-508.	2.6	29
56	Synthesis and toxicological studies of in vivo anticoagulant activity of novel 3-(1-aminoethylidene)chroman-2,4-diones and 4-hydroxy-3-(1-iminoethyl)-2H-chromen-2-ones combined with a structure-based 3-D pharmacophore model. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 55, 20-35.	1.9	10
57	Antibacterial activity against <i>Clostridium</i> genus and antiradical activity of the essential oils from different origin. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 505-512.	0.7	39
58	Phenolic profile and antimicrobial activities to selected microorganisms of some wild medical plant from Slovakia. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, 269-274.	0.5	12
59	Synthesis, characterization and cytotoxicity of a new palladium(II) complex with a coumarin-derived ligand. Crystal structure of 4-hydroxy-3-(1-(p-tolylimino)ethyl)-2H-chromen-2-one-palladium(II) complex. <i>Journal of Molecular Structure</i> , 2013, 1040, 216-220.	1.8	11
60	Chemical composition, cytotoxic and antioxidative activities of ethanolic extracts of propolis on HCT-116 cell line. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 3001-3009.	1.7	32
61	Chemical Composition of the Essential oil of <i>Bougainvillea spectabilis</i> from Montenegro. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2013, 16, 212-215.	0.7	9
62	Biochemical and pharmacological evaluation of 4-hydroxychromen-2-ones bearing polar C-3 substituents as anticoagulants. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 144-158.	2.6	12
63	Chemical Composition of the Essential Oils from the Flower, Leaf and Stem of <i>Lonicera japonica</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.2	3
64	Chemical composition of the essential oils from the flower, leaf and stem of <i>Lonicera japonica</i> . <i>Natural Product Communications</i> , 2012, 7, 641-4.	0.2	6
65	In Vitro Antioxidant Activity of Selected 4-Hydroxy-chromene-2-one Derivativesâ€”SAR, QSAR and DFT Studies. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2822-2841.	1.8	78
66	An efficient synthesis and antioxidant properties of novel imino and amino derivatives of 4-hydroxy coumarins. <i>Archives of Pharmacal Research</i> , 2010, 33, 5-15.	2.7	40
67	Substituted imino and amino derivatives of 4-hydroxycoumarins as novel antioxidant, antibacterial and antifungal agents: Synthesis and in vitro assessments. <i>Food Chemistry</i> , 2010, 120, 1011-1018.	4.2	101
68	Design of Novel 4-Hydroxy-chromene-2-one Derivatives as Antimicrobial Agents. <i>Molecules</i> , 2010, 15, 4294-4308.	1.7	24
69	Synthesis and Molecular Descriptor Characterization of Novel 4-Hydroxy-chromene-2-one Derivatives as Antimicrobial Agents. <i>Molecules</i> , 2009, 14, 1495-1512.	1.7	40
70	Antimicrobial Activity of the Essential Oil Obtained from Roots and Chemical Composition of the Volatile Constituents from the Roots, Stems, and Leaves of <i>Ballota nigra</i> from Serbia. <i>Journal of Medicinal Food</i> , 2009, 12, 435-441.	0.8	28
71	Synthesis and Antimicrobial Evaluation of Some Novel 2-Aminothiazole Derivatives of 4-Hydroxychromene-2-one. <i>Archiv Der Pharmazie</i> , 2008, 341, 491-496.	2.1	41
72	The chemical composition of the essential oil and the antibacterial activities of the essential oil and methanol extract of <i>Teucrium montanum</i> . <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 299-305.	0.4	15

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73	Chemical composition and biological activity of the acetone extract of <i>Ambrosia artemisiifolia</i> L. pollen. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 1039-1049.	0.4	17
74	Antimicrobial Activities of Essential Oil and Methanol Extract of <i>Teucrium montanum</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2007, 4, 17-20.	0.5	66
75	Synthesis of some 3-(thiazol- 4-yl)-4-hydroxy coumarines. <i>Journal of the Serbian Chemical Society</i> , 2004, 69, 319-326.	0.4	4