

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	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
2	In Vitro Antioxidant Activity of Selected 4-Hydroxy-chromene-2-one Derivatives—SAR, QSAR and DFT Studies. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2822-2841.	1.8	78
3	Antioxidant, Antimicrobial and Antibiofilm Activity of Coriander (<i>Coriandrum sativum</i> L.) Essential Oil for Its Application in Foods. <i>Foods</i> , 2020, 9, 282.	1.9	76
4	Antimicrobial Activities of Essential Oil and Methanol Extract of <i>Teucrium montanum</i> . Evidence-based Complementary and Alternative Medicine, 2007, 4, 17-20.	0.5	66
5	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
6	<i>Thymus vulgaris</i> Essential Oil and Its Biological Activity. <i>Plants</i> , 2021, 10, 1959.	1.6	43
7	Synthesis and Antimicrobial Evaluation of Some Novel 2-Aminothiazole Derivatives of 4-Hydroxy-chromene-2-one. <i>Archiv Der Pharmazie</i> , 2008, 341, 491-496.	2.1	41
8	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
9	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
10	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
11	Biological Activity and Antibiofilm Molecular Profile of <i>Citrus aurantium</i> Essential Oil and Its Application in a Food Model. <i>Molecules</i> , 2020, 25, 3956.	1.7	39
12	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
13	Properties of <i>Ginkgo biloba</i> L.: Antioxidant Characterization, Antimicrobial Activities, and Genomic MicroRNA Based Marker Fingerprints. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3087.	1.8	38
14	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
15	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
16	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
17	Antifungal activity of selected volatile essential oils against <i>Penicillium</i> sp.. <i>Open Life Sciences</i> , 2020, 15, 511-521.	0.6	29
18	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

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19	Thymus serpyllum Essential Oil and Its Biological Activity as a Modern Food Preserver. Plants, 2021, 10, 1416.	1.6	28
20	Antibacterial and cytotoxic activities of naphthoquinone pigments from Onosma visianii Clem. EXCLI Journal, 2017, 16, 73-88.	0.5	27
21	Chemical Composition and Antimicrobial Activity of Selected Essential Oils against Staphylococcus spp. Isolated from Human Semen. Antibiotics, 2020, 9, 765.	1.5	25
22	Antimicrobial and antioxidant activities of Cinnamomum cassia essential oil and its application in food preservation. Open Chemistry, 2021, 19, 214-227.	1.0	25
23	Chemical and Biological Characterization of Melaleuca alternifolia Essential Oil. Plants, 2022, 11, 558.	1.6	25
24	Design of Novel 4-Hydroxy-chromene-2-one Derivatives as Antimicrobial Agents. Molecules, 2010, 15, 4294-4308.	1.7	24
25	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
26	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
27	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. Inorganica Chimica Acta, 2017, 466, 188-196.	1.2	23
28	Phytochemical analysis, antioxidant, antibacterial and cytotoxic activity of different plant organs of Eryngium serbicum L.. Industrial Crops and Products, 2018, 115, 88-97.	2.5	23
29	Antifungal activity of essential oils against selected terverticillate penicillia. Annals of Agricultural and Environmental Medicine, 2015, 22, 38-42.	0.5	23
30	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
31	Naphthoquinone rich Onosma visianii Clem (Boraginaceae) root extracts induce apoptosis and cell cycle arrest in HCT-116 and MDA-MB-231 cancer cell lines. Natural Product Research, 2018, 32, 2712-2716.	1.0	20
32	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
33	Combined Effect of Vacuum Packaging, Fennel and Savory Essential Oil Treatment on the Quality of Chicken Thighs. Microorganisms, 2019, 7, 134.	1.6	19
34	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
35	Structural, spectral and NBO analysis of 3-(1-(3-hydroxypropylamino)ethylidene)chroman-2,4-dione. Journal of Molecular Structure, 2017, 1147, 69-75.	1.8	18
36	Chemical composition and biological activity of the acetone extract of Ambrosia artemisiifolia L. pollen. Journal of the Serbian Chemical Society, 2008, 73, 1039-1049.	0.4	17

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37	Chemical Composition, In Vitro and In Situ Antimicrobial and Antibiofilm Activities of <i>Syzygium aromaticum</i> (Clove) Essential Oil. <i>Plants</i> , 2021, 10, 2185.	1.6	17
38	<i>Cymbopogon citratus</i> Essential Oil: Its Application as an Antimicrobial Agent in Food Preservation. <i>Agronomy</i> , 2022, 12, 155.	1.3	17
39	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
40	Antimicrobial Activity and Chemical Composition of Essential Oils against Pathogenic Microorganisms of Freshwater Fish. <i>Plants</i> , 2021, 10, 1265.	1.6	15
41	Assessment of <i>Ocimum basilicum</i> Essential Oil Anti-Insect Activity and Antimicrobial Protection in Fruit and Vegetable Quality. <i>Plants</i> , 2022, 11, 1030.	1.6	14
42	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
43	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
44	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
45	Biological Activity of <i>Pogostemon cablin</i> Essential Oil and Its Potential Use for Food Preservation. <i>Agronomy</i> , 2022, 12, 387.	1.3	12
46	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
47	Chemical Composition, Antioxidant, In Vitro and In Situ Antimicrobial, Antibiofilm, and Anti-Insect Activity of <i>Cedar atlantica</i> Essential Oil. <i>Plants</i> , 2022, 11, 358.	1.6	11
48	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
49	Newly synthesized palladium(II) complexes with aminothiazole derivatives; in vitro study of antimicrobial activity and antitumor activity on the human prostate cancer cell line. <i>Dalton Transactions</i> , 2022, 51, 1191-1205.	1.6	10
50	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
51	Influence of Essential Oils on the Microbiological Quality of Fish Meat during Storage. <i>Animals</i> , 2021, 11, 3145.	1.0	9
52	Chemical composition and biological activity of <i>Salvia officinalis</i> essential oil. <i>Acta Horticulturae Et Regiotecturae</i> , 2021, 24, 81-88.	0.5	9
53	The Potential Use of <i>Citrus aurantifolia</i> L. Essential Oils for Decay Control, Quality Preservation of Agricultural Products, and Anti-Insect Activity. <i>Agronomy</i> , 2022, 12, 735.	1.3	9
54	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

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55	Characterization of the Omija (<i>Schisandra chinensis</i>) 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
56	Complex effect of <i>Robinia pseudoacacia</i> L. and <i>Ailanthus altissima</i> (Mill.) Swingle growing on asbestos deposits: Allelopathy and biogeochemistry. Journal of the Serbian Chemical Society, 2020, 85, 141-153.	0.4	8
57	In vitro chemoprotective and anticancer activities of propolis in human lymphocytes and breast cancer cells. Archives of Biological Sciences, 2015, 67, 571-581.	0.2	7
58	Assessment of Chemical Composition and Anti-Penicillium Activity of Vapours of Essential Oils from <i>Abies Alba</i> and Two <i>Melaleuca</i> Species in Food Model Systems. Molecules, 2022, 27, 3101.	1.7	7
59	Chemical composition of the essential oils from the flower, leaf and stem of <i>Lonicera japonica</i> . Natural Product Communications, 2012, 7, 641-4.	0.2	6
60	Role of <i>Litsea cubeba</i> Essential Oil in Agricultural Products Safety: Antioxidant and Antimicrobial Applications. Plants, 2022, 11, 1504.	1.6	6
61	Serum albumin binding analysis and toxicological screening of novel chroman-2,4-diones as oral anticoagulants. Chemico-Biological Interactions, 2015, 227, 18-31.	1.7	5
62	Isolation of alkaloids and anti-tumor activity of the crude methanolic extract of Algerian <i>Cytisus purgans</i> . Oriental Journal of Chemistry, 2015, 31, 1943-1948.	0.1	5
63	Shikonin Derivatives from <i>Onsoma visianii</i> Decrease Expression of Phosphorylated STAT3 in Leukemia Cells and Exert Antitumor Activity. Nutrients, 2021, 13, 1147.	1.7	4
64	Anti-Tumor Mechanisms of Novel 3-(4-Substituted Benzyl)-5-Isopropyl-5-Phenylhydantoin Derivatives in Human Colon Cancer Cell Line. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1491-1502.	0.9	4
65	Synthesis of some 3-(thiazol-4-yl)-4-hydroxy coumarines. Journal of the Serbian Chemical Society, 2004, 69, 319-326.	0.4	4
66	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
67	Chemical Composition of the Essential Oils from the Flower, Leaf and Stem of <i>Lonicera japonica</i> . Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	3
68	Newly discovered chroman-2,4-diones neutralize the in vivo DNA damage induced by alkylation through the inhibition of Topoisomerase III α : A story behind the molecular modeling approach. Biochemical Pharmacology, 2015, 98, 243-266.	2.0	3
69	Redox status, DNA and HSA binding study of naturally occurring naphthoquinone derivatives. EXCLI Journal, 2020, 19, 48-70.	0.5	3
70	Comparative study of the genotoxic activity of <i>Artemisia vulgaris</i> L. and <i>Artemisia alba</i> Turra extracts in vitro. Drug and Chemical Toxicology, 2022, 45, 1915-1922.	1.2	3
71	Chemical Composition and Antibacterial Activity of Essential Oils of Various Plant Organs of Wild Growing <i>Nepeta cataria</i> from Serbia. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 1404-1412.	0.7	2
72	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

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73	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
74	Synthesis and characterization of palladium(II) complexes with glycine coumarin derivatives. Journal of the Serbian Chemical Society, 2016, 81, 1383-1392.	0.4	0
75	Unsaturated Fatty Acid 10H2DA Content in Serbian Royal Jelly and Its Effects on Motility of Colorectal Carcinoma Cell Lines. , 2021, 8, .		0