

# Dejan S NikoliÄ

## List of Publications by Year in descending order

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49  
papers

1,597  
citations

394421

19  
h-index

302126

39  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed Ultrafiltration Mass Spectrometry: A New Method for Screening Combinatorial Libraries. <i>Analytical Chemistry</i> , 1997, 69, 2159-2164.	6.5	158
2	Metabolism of xanthohumol and isoxanthohumol, prenylated flavonoids from hops ( <i>Humulus lupulus</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6246-6253.	1.6	125
3	Estrogens and Congeners from Spent Hops ( <i>Humulus lupulus</i> ). <i>Journal of Natural Products</i> , 2004, 67, 2024-2032.	3.0	116
4	Comparison of the in Vitro Estrogenic Activities of Compounds from Hops ( <i>Humulus lupulus</i> ) and Red Clover ( <i>Trifolium pratense</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6246-6253.	5.2	112
5	Pharmacokinetics of prenylated hop phenols in women following oral administration of a standardized extract of hops. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1962-1969.	3.3	89
6	The Chemical and Biologic Profile of a Red Clover ( <i>Trifolium pratense</i> L.) Phase II Clinical Extract. <i>Journal of Alternative and Complementary Medicine</i> , 2006, 12, 133-139.	2.1	85
7	METABOLISM OF 8-PRENYLNARINGENIN, A POTENT PHYTOESTROGEN FROM HOPS ( <i>HUMULUS LUPULUS</i> ), BY HUMAN LIVER MICROSOMES. <i>Drug Metabolism and Disposition</i> , 2004, 32, 272-279.	3.3	82
8	Evaluation of Estrogenic Activity of Licorice Species in Comparison with Hops Used in Botanicals for Menopausal Symptoms. <i>PLoS ONE</i> , 2013, 8, e67947.	2.5	75
9	Screening Solution-Phase Combinatorial Libraries Using Pulsed Ultrafiltration/Electrospray Mass Spectrometry. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 4006-4012.	6.4	70
10	The Multiple Biological Targets of Hops and Bioactive Compounds. <i>Chemical Research in Toxicology</i> , 2019, 32, 222-233.	3.3	60
11	High-Throughput Cytochrome P450 Cocktail Inhibition Assay for Assessing Drug-Drug and Drug-Botanical Interactions. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1670-1678.	3.3	57
12	DNA Oxidation Induced by Cyclooxygenase-2. <i>Chemical Research in Toxicology</i> , 2001, 14, 351-354.	3.3	53
13	NEW METABOLIC PATHWAYS FOR FLAVANONES CATALYZED BY RAT LIVER MICROSOMES. <i>Drug Metabolism and Disposition</i> , 2004, 32, 387-397.	3.3	50
14	In Vitro Studies of Intestinal Permeability and Hepatic and Intestinal Metabolism of 8-Prenylnaringenin, a Potent Phytoestrogen from Hops ( <i>Humulus lupulus</i> L.). <i>Pharmaceutical Research</i> , 2006, 23, 864-872.	3.5	34
15	Induction of NAD(P)H:Quinone Oxidoreductase 1 (NQO1) by Glycyrrhiza Species Used for Women's Health: Differential Effects of the Michael Acceptors Isoliquiritigenin and Licochalcone A. <i>Chemical Research in Toxicology</i> , 2015, 28, 2130-2141.	3.3	30
16	Screening for Inhibitors of Dihydrofolate Reductase using Pulsed Ultrafiltration Mass Spectrometry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 1998, 1, 47-55.	1.1	27
17	DESIGNER Extracts as Tools to Balance Estrogenic and Chemopreventive Activities of Botanicals for Women's Health. <i>Journal of Natural Products</i> , 2017, 80, 2284-2294.	3.0	24
18	SAR Study on Estrogen Receptor $\alpha/\beta$ Activity of (Iso)flavonoids: Importance of Prenylation, C-Ring (Un)Saturation, and Hydroxyl Substituents. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10651-10663.	5.2	23

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19	The influence of natural deep eutectic solvents on bioactive natural products: studying interactions between a hydrogel model and Schisandra chinensis metabolites. <i>FÄ-toterapÄ-Äç</i> , 2018, 127, 212-219.	2.2	21
20	Screening for Xenobiotic Electrophilic Metabolites Using Pulsed Ultrafiltration-Mass Spectrometry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 1999, 2, 165-175.	1.1	21
21	Estrogen Receptor (ER) Subtype Selectivity Identifies 8-Prenylapigenin as an ER <sup>1</sup> Agonist from <i>Glycyrrhiza inflata</i> and Highlights the Importance of Chemical and Biological Authentication. <i>Journal of Natural Products</i> , 2018, 81, 966-975.	3.0	20
22	Orthogonal Analysis Underscores the Relevance of Primary and Secondary Metabolites in Licorice. <i>Journal of Natural Products</i> , 2014, 77, 1806-1816.	3.0	19
23	Dynamics of the isoflavone metabolome of traditional preparations of <i>Trifolium pratense</i> L.. <i>Journal of Ethnopharmacology</i> , 2019, 238, 111865.	4.1	17
24	Analytical methods for quantitation of prenylated flavonoids from hops. <i>Current Analytical Chemistry</i> , 2013, 9, 71-85.	1.2	17
25	Assays of Ligand-Human Serum Albumin Binding Using Pulsed Ultrafiltration and Liquid Chromatography-Mass Spectrometry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 1999, 2, 353-359.	1.1	17
26	Methanol Extracts of 28 <i>Hieracium</i> Species from the Balkan Peninsula – Comparative LC-MS Analysis, Chemosystematic Evaluation of their Flavonoid and Phenolic Acid Profiles and Antioxidant Potentials. <i>Phytochemical Analysis</i> , 2018, 29, 30-47.	2.4	16
27	Isolation and structural characterization of dihydrobenzofuran congeners of licochalcone A. <i>FÄ-toterapÄ-Äç</i> , 2017, 121, 6-15.	2.2	14
28	Preparation of DESIGNER extracts of red clover ( <i>Trifolium pratense</i> L.) by centrifugal partition chromatography. <i>Journal of Chromatography A</i> , 2019, 1605, 360277.	3.7	14
29	Antimicrobial and Cytotoxic Activity of Extracts of <i>Ferula heuffelii</i> Griseb. ex Heuff. and Its Metabolites. <i>Chemistry and Biodiversity</i> , 2015, 12, 1585-1594.	2.1	13
30	Chemical Analysis of Selected Seaweeds and Seagrass from the Adriatic Coast of Montenegro. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900327.	2.1	13
31	Studying Mass Balance and the Stability of ( <i>Z</i> )-Ligustilide from <i>Angelica sinensis</i> Helps to Bridge a Botanical Instability – Bioactivity Chasm. <i>Journal of Natural Products</i> , 2019, 82, 2400-2408.	3.0	13
32	Cycloartane Triterpenes from the Aerial Parts of <i>Actaea racemosa</i> . <i>Journal of Natural Products</i> , 2016, 79, 541-554.	3.0	12
33	Sesquiterpene lactones from the methanol extracts of twenty-eight <i>Hieracium</i> species from the Balkan Peninsula and their chemosystematic significance. <i>Phytochemistry</i> , 2018, 154, 19-30.	2.9	12
34	Metabolism of N-methylserotonin, a serotonergic constituent of black cohosh ( <i>Cimicifuga racemosa</i> , L. (Nutt.)), by human liver microsomes. <i>Biomedical Chromatography</i> , 2014, 28, 1647-1651.	1.7	11
35	Evaluation of estrogenic potency of a standardized hops extract on mammary gland biology and on MNU-induced mammary tumor growth in rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 174, 234-241.	2.5	11
36	Quantum Mechanics-Based Structure Analysis of Cyclic Monoterpene Glycosides from <i>Rhodiola rosea</i> . <i>Journal of Natural Products</i> , 2020, 83, 1950-1959.	3.0	11

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37	A liquid chromatographyâ€“mass spectrometric assay for measuring activity of human 8-oxoguanine-DNA glycosylase. <i>Analytical Biochemistry</i> , 2010, 396, 275-279.	2.4	8
38	NMR study of fumarprotocetraric acid, a complex lichen depsidone derivative from <i>Cladonia furcata</i> . <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 391-394.	1.9	7
39	Tandem of Countercurrent Separation and qHNMR Enables Gravimetric Analyses: Absolute Quantitation of the <i>Rhodiola rosea</i> Metabolome. <i>Analytical Chemistry</i> , 2021, 93, 11701-11709.	6.5	6
40	Lipidated steroid saponins from <i>Dioscorea villosa</i> (wild yam). <i>FÄ“toterapÄ“Ä†</i> , 2013, 91, 113-124.	2.2	5
41	Collisionâ€“induced dissociation of phenethylamides: role of ionâ€“neutral complexes. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1385-1395.	1.5	5
42	Formation of (2<i>R</i>)- and (2<i>S</i>)-8-Prenylnaringenin Glucuronides by Human UDP-Glucuronosyltransferases. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11650-11656.	5.2	5
43	Investigation of red clover ( <i>Trifolium pratense</i> ) isoflavonoid residual complexity by off-line CCS-qHNMR. <i>FÄ“toterapÄ“Ä†</i> , 2022, 156, 105016.	2.2	5
44	Living with a giant, flowering parasite: metabolic differences between <i>Tetrastigma loheri</i> Gagnep. (Vitaceae) shoots uninfected and infected with <i>Rafflesia</i> (Rafflesiaceae) and potential applications for propagation. <i>Planta</i> , 2022, 255, 4.	3.2	4
45	Auto-hydrolysis of red clover as â€œgreenâ€“approach to (iso)flavonoid enriched products. <i>FÄ“toterapÄ“Ä†</i> , 2021, 152, 104878.	2.2	3
46	Botanical Integrity: Part 2: Traditional and Modern Analytical Approaches. <i>HerbalGram</i> , 2016, 109, 60-64.	0.0	3
47	Silica Gel-mediated Oxidation of Prenyl Motifs Generates Natural Product-Like Artifacts. <i>Planta Medica</i> , 2021, 87, 998-1007.	1.3	2
48	Botanical Integrity: The Importance of the Integration of Chemical, Biological, and Botanical Analyses, and the Role of DNA Barcoding. <i>HerbalGram</i> , 2015, 106, 58-60.	0.0	1
49	Isolation and elucidation of two isoflavonoids from an American Indian plant, <i>Amorpha canescens</i> Pursh, using Magnetic Microbead Affinity Selection Screening (MagMASS) for estrogen receptor alpha ligands. <i>Phytochemistry Letters</i> , 2021, 45, 110-116.	1.2	0