

# Ivana Z Matičá

## List of Publications by Year in descending order

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57  
papers

1,128  
citations

394390

19  
h-index

414395

32  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2034  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive hydroxyapatite/graphene composite coating and its corrosion stability in simulated body fluid. <i>Journal of Alloys and Compounds</i> , 2015, 624, 148-157.	5.5	167
2	The effect of graphene loading on mechanical, thermal and biological properties of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.8	56
3	Synthesis and antioxidant activity of 1,3,4-oxadiazoles and their diacylhydrazine precursors derived from phenolic acids. <i>RSC Advances</i> , 2017, 7, 8550-8560.	3.6	52
4	Chamomile and Marigold Tea: Chemical Characterization and Evaluation of Anticancer Activity. <i>Phytotherapy Research</i> , 2013, 27, 852-858.	5.8	51
5	Biological activity of electrochemically synthesized silver doped polyvinyl alcohol/graphene composite hydrogel discs for biomedical applications. <i>Composites Part B: Engineering</i> , 2016, 104, 26-34.	12.0	45
6	In vitro investigation of electrophoretically deposited bioactive hydroxyapatite/chitosan coatings reinforced by graphene. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 47, 336-347.	5.8	45
7	Investigation of silver impact on hydroxyapatite/lignin coatings electrodeposited on titanium. <i>Materials Chemistry and Physics</i> , 2013, 142, 521-530.	4.0	41
8	Novel anthraquinone based chalcone analogues containing an imine fragment: Synthesis, cytotoxicity and anti-angiogenic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 65-71.	2.2	41
9	Identification of Phenolic Compounds from Seed Coats of Differently Colored European Varieties of Pea (<i>Pisum sativum</i>L.) and Characterization of Their Antioxidant and In Vitro Anticancer Activities. <i>Nutrition and Cancer</i> , 2016, 68, 988-1000.	2.0	38
10	In vitro antitumor actions of extracts from endemic plant <i>Helichrysum zivojinii</i> . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 36.	3.7	36
11	Synthesis, antioxidant and antiproliferative activities of 1,3,4-thiadiazoles derived from phenolic acids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3709-3715.	2.2	33
12	Synthesis, characterization, cytotoxicity and antiangiogenic activity of copper(II) complexes with 1-adamantoyl hydrazone bearing pyridine rings. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 75-81.	5.5	31
13	Overexpression of Calreticulin in Malignant and Benign Breast Tumors: Relationship with Humoral Immunity. <i>Oncology</i> , 2012, 82, 48-55.	1.9	28
14	New androst-4-en-17-spiro-1,3,2-oxathiaphospholanes. Synthesis, assignment of absolute configuration and in vitro cytotoxic and antimicrobial activities. <i>Steroids</i> , 2012, 77, 558-565.	1.8	28
15	The effect of lignin on the structure and characteristics of composite coatings electrodeposited on titanium. <i>Progress in Organic Coatings</i> , 2012, 75, 275-283.	3.9	26
16	Bioreactor validation and biocompatibility of Ag/poly(N-vinyl-2-pyrrolidone) hydrogel nanocomposites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 230-235.	5.0	26
17	Serum DPPIV activity and CD26 expression on lymphocytes in patients with benign or malignant breast tumors. <i>Immunobiology</i> , 2011, 216, 942-946.	1.9	25
18	Novel 1,3,4-thiadiazole-€ˆchalcone hybrids containing catechol moiety: synthesis, antioxidant activity, cytotoxicity and DNA interaction studies. <i>MedChemComm</i> , 2018, 9, 1679-1697.	3.4	24

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19	Novel azo pyridone dyes based on dihydropyrimidinone skeleton: Synthesis, DFT study and anticancer activity. <i>Dyes and Pigments</i> , 2021, 187, 109123.	3.7	23
20	Serum activity of DPPIV and its expression on lymphocytes in patients with melanoma and in people with vitiligo. <i>BMC Immunology</i> , 2012, 13, 48.	2.2	18
21	Steroid dimersâ€™ in vitro cytotoxic and antimicrobial activities. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 365-375.	2.5	18
22	Synthesis, characterization and crystal structures of two pentagonal-bipyramidal Fe(III) complexes with dihydrazone of 2,6-diacetylpyridine and Girard's T reagent. Anticancer properties of various metal complexes of the same ligand. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 137-149.	3.5	18
23	Antioxidant and Antiproliferative Activity of <i>Allium ursinum</i> and Their Associated Microbiota During Simulated in vitro Digestion in the Presence of Food Matrix. <i>Frontiers in Microbiology</i> , 2020, 11, 601616.	3.5	18
24	Mannich bases of 1,2,4-triazole-3-thione containing adamantane moiety: Synthesis, preliminary anticancer evaluation, and molecular modeling studies. <i>Chemical Biology and Drug Design</i> , 2017, 89, 943-952.	3.2	17
25	Cytotoxic Effect of Wine Polyphenolic Extracts and Resveratrol Against Human Carcinoma Cells and Normal Peripheral Blood Mononuclear Cells. <i>Journal of Medicinal Food</i> , 2010, 13, 851-862.	1.5	16
26	Highly selective anthraquinone-chalcone hybrids as potential antileukemia agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2593-2598.	2.2	16
27	New Values of <i>Teucrium</i> species: in Vitro Study of Cytotoxic Activities of Secondary Metabolites. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 41-46.	1.1	14
28	Activity and expression of dipeptidyl peptidase IV on peripheral blood mononuclear cells in patients with early steroid and disease modifying antirheumatic drugs naïve rheumatoid arthritis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 73-81.	2.3	14
29	Peripheral White Blood Cell Subsets in Metastatic Colorectal Cancer Patients Treated with Cetuximab: The Potential Clinical Relevance. <i>Frontiers in Immunology</i> , 2017, 8, 1886.	4.8	14
30	Cu(II), Mn(II) and Zn(II) complexes of hydrazones with a quaternary ammonium moiety: synthesis, experimental and theoretical characterization and cytotoxic activity. <i>Dalton Transactions</i> , 2021, 51, 185-196.	3.3	14
31	Anticancer potential of new steroidal thiazolidin-4-one derivatives. Mechanisms of cytotoxic action and effects on angiogenesis in vitro. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 174, 72-85.	2.5	13
32	Synthesis, characterization and in vitro cytotoxic activities of new steroidal thiosemicarbazones and thiadiazolines. <i>RSC Advances</i> , 2016, 6, 34312-34333.	3.6	12
33	Antiproliferative and antibacterial activity of some glutarimide derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 915-923.	5.2	12
34	Immunity to melanin and to tyrosinase in melanoma patients, and in people with vitiligo. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 109.	3.7	11
35	Synthesis and biological activity of amino acid derivatives of avarone and its model compound. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6930-6942.	3.0	8
36	Cancer-suppressive potential of extracts of endemic plant <i>Helichrysum zivojinii</i> : effects on cell migration, invasion and angiogenesis. <i>Natural Product Communications</i> , 2013, 8, 1291-6.	0.5	8

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37	Synthesis, characterization and biological evaluation of some novel P-heterocyclic androst-4-ene derivatives. <i>Molecular Diversity</i> , 2013, 17, 547-561.	3.9	7
38	Celiac disease-specific and inflammatory bowel disease-related antibodies in patients with recurrent aphthous stomatitis. <i>Immunobiology</i> , 2019, 224, 75-79.	1.9	7
39	Evaluation of the anti-cancer potential of <i>Mahonia aquifolium</i> extracts via apoptosis and anti-angiogenesis. <i>Bangladesh Journal of Pharmacology</i> , 2016, 11, 741.	0.4	6
40	Lactobacilli hydrolysis of cows' milk proteins abrogates their humoral immunoreactivity in patients with immune-mediated diseases. <i>International Dairy Journal</i> , 2016, 63, 1-7.	3.0	6
41	Synthesis, characterization, antimicrobial and cytotoxic activity and DNA-binding properties of d-metal complexes with hydrazones of Girard's T and P reagents. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 863-880.	2.6	6
42	Immunoreactivity to food antigens in patients with chronic urticaria. <i>Immunological Investigations</i> , 2014, 43, 504-516.	2.0	5
43	Tetraoxanes as inhibitors of apicomplexan parasites <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i> and anti-cancer molecules. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 1339-1359.	0.8	5
44	Cytotoxic activities of <i>Hypericum perforatum</i> L. extracts against 2D and 3D cancer cell models. <i>Cytotechnology</i> , 2021, 73, 373-389.	1.6	5
45	Cancer-Suppressive Potential of Extracts of Endemic Plant <i>Helichrysum Zivojinii</i> : Effects on Cell Migration, Invasion and Angiogenesis. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	4
46	Metformin Effects on Malignant Cells and Healthy PBMC; The Influence of Metformin on the Phenotype of Breast Cancer Cells. <i>Pathology and Oncology Research</i> , 2015, 21, 605-612.	1.9	4
47	Synthesis and preliminary screening for the biological activity of some steroidal $\Delta^4$ -unsaturated semicarbazone derivatives. <i>Steroids</i> , 2019, 148, 36-46.	1.8	4
48	<i>Mahonia aquifolium</i> Extracts Promote Doxorubicin Effects against Lung Adenocarcinoma Cells In Vitro. <i>Molecules</i> , 2020, 25, 5233.	3.8	4
49	Dipeptidyl peptidase IV: serum activity and expression on lymphocytes in different hematological malignancies. <i>Leukemia and Lymphoma</i> , 2013, 54, 2701-2706.	1.3	2
50	Seasonal variation in biopharmaceutical activity and fatty acid content of endemic <i>Fucus virsoides</i> algae from Adriatic Sea. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 833-844.	0.1	2
51	In vitro antitumoral activity of the extract of sponge <i>Acanthella acuta</i> . <i>Lekovite Sirovine</i> , 2015, , 89-101.	0.2	2
52	Evaluation of antitumor potential of Cu(II) complex with hydrazone of 2-acetylthiazole and Girard's T reagent. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 181-192.	0.8	1
53	Soft 3D hybrid network for delivery and controlled release of poorly soluble dihydropyrimidinone compound: An insight into the novel system for potential application in leukemia treatment. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, , .	4.0	1
54	Metformin decreased human melanoma cell survival but did not affect viability of normal resting PBMC. <i>European Journal of Cancer</i> , 2012, 48, 3131.	2.8	0

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55	The absence of immunoreactivity to donkeyâ€™s milk in patients with recurrent aphthous ulcers and immunoreactivity to cowâ€™s milk. <i>Food and Agricultural Immunology</i> , 2017, 28, 452-462.	1.4	0
56	Synthesis, characterization and biological activity of Pt(II) complexes with steroidal thiosemicarbazones. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 459-468.	0.8	0
57	White blood cell subsets in HER2-positive breast cancer patients treated with trastuzumab in relation to clinical outcome. <i>Pathology Research and Practice</i> , 2021, 224, 153543.	2.3	0