

# Ivan Kosalec

## List of Publications by Year in descending order

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91  
papers

2,600  
citations

172457

29  
h-index

214800

47  
g-index

92  
all docs

92  
docs citations

92  
times ranked

4207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antifungal and Anti-Virulent Activity of <i>Origanum majorana</i> L. Essential Oil on <i>Candida albicans</i> and In Vivo Toxicity in the <i>Galleria mellonella</i> Larval Model. <i>Molecules</i> , 2022, 27, 663.	3.8	16
2	The Antimicrobial Activities of Oleuropein and Hydroxytyrosol. , 2022, , 75-89.		4
3	The Spectrum of Berberine Antibacterial and Antifungal Activities. , 2022, , 119-132.		2
4	Antibacterial Fractions from <i>Erodium cicutarium</i> Exposedâ€”Clinical Strains of <i>Staphylococcus aureus</i> in Focus. <i>Antibiotics</i> , 2022, 11, 492.	3.7	1
5	<i>Globularia alypum</i> L. and Related Species: LC-MS Profiles and Antidiabetic, Antioxidant, Anti-Inflammatory, Antibacterial and Anticancer Potential. <i>Pharmaceuticals</i> , 2022, 15, 506.	3.8	7
6	Development of Antibacterial Protective Coatings Active against MSSA and MRSA on Biodegradable Polymers. <i>Polymers</i> , 2021, 13, 659.	4.5	13
7	In Vitro Confirmation of Siramesine as a Novel Antifungal Agent with In Silico Lead Proposals of Structurally Related Antifungals. <i>Molecules</i> , 2021, 26, 3504.	3.8	5
8	Nonaqueous Polyethylene Glycol as a Safer Alternative to Ethanolic Propolis Extracts with Comparable Antioxidant and Antimicrobial Activity. <i>Antioxidants</i> , 2021, 10, 978.	5.1	14
9	Protective effects of olive oil phenolics oleuropein and hydroxytyrosol against hydrogen peroxide-induced DNA damage in human peripheral lymphocytes. <i>Acta Pharmaceutica</i> , 2021, 71, 131-141.	2.0	13
10	Phytochemical Traits and Biological Activity of <i>Eryngium amethystinum</i> and <i>E. alpinum</i> (Apiaceae). <i>Horticulturae</i> , 2021, 7, 364.	2.8	6
11	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€”6. <i>Molecules</i> , 2020, 25, 119.	3.8	8
12	Design and synthesis of novel antimicrobial peptide scaffolds. <i>Bioorganic Chemistry</i> , 2020, 103, 104178.	4.1	5
13	Synthesis, Modification and Characterization of Antimicrobial Textile Surface Containing ZnO Nanoparticles. <i>Polymers</i> , 2020, 12, 1210.	4.5	28
14	First Extensive Polyphenolic Profile of <i>Erodium cicutarium</i> with Novel Insights to Elemental Composition and Antioxidant Activity. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000280.	2.1	4
15	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€”7. <i>Molecules</i> , 2020, 25, 2968.	3.8	5
16	Morphological variability of leaf and shoot traits of four barberry taxa ( <i>Berberis</i> L.) from the Balkan Peninsula and Sicily. <i>Botanica Serbica</i> , 2020, 44, 137-148.	1.0	0
17	The evaluation of the in vitro antimicrobial properties of fibers functionalized by chitosan nanoparticles. <i>Textile Research Journal</i> , 2019, 89, 748-761.	2.2	10
18	Inhibition of Satellite RNA Associated Cucumber Mosaic Virus Infection by Essential Oil of <i>Micromeria croatica</i> (Pers.) Schott. <i>Molecules</i> , 2019, 24, 1342.	3.8	18

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19	Surface modification of silicone with colloidal polysaccharides formulations for the development of antimicrobial urethral catheters. <i>Applied Surface Science</i> , 2019, 463, 889-899.	6.1	24
20	Multicomponent Approach to a Library of <i>N</i> -Substituted $\beta$ -Lactams. <i>ACS Combinatorial Science</i> , 2019, 21, 28-34.	3.8	15
21	Antimicrobial assesment of aroylhydrazone derivatives <i>in vitro</i> . <i>Acta Pharmaceutica</i> , 2019, 69, 277-285.	2.0	8
22	Insights into biological activity of ureidoamides with primaquine and amino acid moieties. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 376-382.	5.2	10
23	Characterization and microbiological evaluation of chitosan-alginate microspheres for cefixime vaginal administration. <i>Carbohydrate Polymers</i> , 2018, 192, 176-183.	10.2	32
24	Asymmetric Primaquine and Halogenaniline Fumardiamides as Novel Biologically Active Michael Acceptors. <i>Molecules</i> , 2018, 23, 1724.	3.8	8
25	Arbutin and its metabolite hydroquinone as the main factors in the antimicrobial effect of strawberry tree ( <i>Arbutus unedo</i> L.) leaves. <i>Journal of Herbal Medicine</i> , 2017, 8, 17-23.	2.0	62
26	Membrane of <i>Candida albicans</i> as a target of berberine. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 268.	3.7	58
27	Micromorphological and phytochemical traits of four <i>Clinopodium</i> L. species (Lamiaceae). <i>South African Journal of Botany</i> , 2017, 111, 232-241.	2.5	15
28	The Influence of Extraction Parameters on Antimicrobial Activity of Propolis Extracts. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	7
29	Antimicrobial Effectiveness of Cellulose based Fabrics treated with Silver Nitrate Solution using Plasma Processes. <i>Tekstilec</i> , 2017, 60, 247-253.	0.6	7
30	The Influence of Extraction Parameters on Antimicrobial Activity of Propolis Extracts. <i>Natural Product Communications</i> , 2017, 12, 47-50.	0.5	3
31	Antifungal Activity of Oleuropein against <i>Candida albicans</i> – The In Vitro Study. <i>Molecules</i> , 2016, 21, 1631.	3.8	17
32	Olive leaf extract activity against <i>Candida albicans</i> and <i>C. dubliniensis</i> – the in vitro viability study. <i>Acta Pharmaceutica</i> , 2016, 66, 411-421.	2.0	17
33	Novel urea and bis-urea primaquine derivatives with hydroxyphenyl or halogenphenyl substituents: Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 622-636.	5.5	27
34	Influence of Soil Traits on Polyphenols Level in <i>Moltkia petraea</i> (Tratt.) Griseb. (Boraginaceae). <i>Acta Botanica Croatica</i> , 2016, 75, 266-271.	0.7	2
35	Phytochemical Analysis and Biological Evaluation of Selected African Propolis Samples from Cameroon and Congo. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	20
36	Morphological, genetic and phytochemical variation of the endemic <i>Teucrium arduini</i> L. (Lamiaceae). <i>Phytochemistry</i> , 2015, 116, 111-119.	2.9	19

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37	Amidated pectin-based wafers for econazole buccal delivery: Formulation optimization and antimicrobial efficacy estimation. <i>Carbohydrate Polymers</i> , 2015, 121, 231-240.	10.2	35
38	Molecular and cellular approach in the study of antioxidant/pro-oxidant properties of <i>Micromeria croatica</i> (Pers.) Schott. <i>Natural Product Research</i> , 2015, 29, 1770-1774.	1.8	7
39	Antimicrobial efficiency evaluation by monitoring potassium efflux for cellulose fibres functionalised by chitosan. <i>Cellulose</i> , 2015, 22, 1933-1942.	4.9	8
40	The effect of chitosan nanoparticles onto <i>Lactobacillus</i> cells. <i>Reactive and Functional Polymers</i> , 2015, 97, 56-62.	4.1	25
41	Genetic and phytochemical variability of six <i>Teucrium arduini</i> L. populations and their antioxidant/prooxidant behaviour examined by biochemical, macromolecule- and cell-based approaches. <i>Food Chemistry</i> , 2015, 186, 298-305.	8.2	12
42	Antimicrobial and Antioxidant Properties of <i>Satureja montana</i> L. and <i>S. subspicata</i> Vis. (Lamiaceae). <i>Current Drug Targets</i> , 2015, 16, 1623-1633.	2.1	25
43	Antioxidant and antimicrobial properties of <i>Veronica spicata</i> L. (Plantaginaceae). <i>Current Drug Targets</i> , 2015, 16, 1660-1670.	2.1	22
44	Modulation of antioxidant, chelating and antimicrobial activity of poplar chemo-type propolis by extraction procures. <i>LWT - Food Science and Technology</i> , 2014, 57, 530-537.	5.2	53
45	Micromorphological traits and essential oil of <i>Micromeria longipedunculata</i> BrÄuchler (Lamiaceae). <i>Open Life Sciences</i> , 2014, 9, 559-568.	1.4	1
46	Micromorphological traits and essential oil contents of <i>Micromeria kernerii</i> Murb. and <i>M. juliana</i> (L.) Benth. (Lamiaceae). <i>Phytochemistry</i> , 2014, 98, 128-136.	2.9	11
47	Assessment of DNA damage and lipid peroxidation in diabetic mice: Effects of propolis and epigallocatechin gallate (EGCG). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 757, 36-44.	1.7	57
48	Antraquinone profile, antioxidant and antimicrobial activity of bark extracts of <i>Rhamnus alaternus</i> , <i>R. fallax</i> , <i>R. intermedia</i> and <i>R. pumila</i> . <i>Food Chemistry</i> , 2013, 136, 335-341.	8.2	68
49	Investigation of Chemical Compounds, Antioxidant and Antimicrobial Properties of <i>Teucrium arduini</i> L. (Lamiaceae). <i>Current Drug Targets</i> , 2013, 14, 1006-1014.	2.1	26
50	Phytochemical and Micromorphological Traits of <i>Geranium dalmaticum</i> and <i>G. macrorrhizum</i> (Geraniaceae). <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	8
51	Hydroxytyrosol Expresses Antifungal Activity In Vitro. <i>Current Drug Targets</i> , 2013, 14, 992-998.	2.1	34
52	Antimicrobial Activity of Willowherb ( <i>Epilobium angustifolium</i> L.) Leaves and Flowers. <i>Current Drug Targets</i> , 2013, 14, 986-991.	2.1	32
53	Chemotaxonomic and Micromorphological Traits of <i>Satureja montana</i> L. and <i>S. subspicata</i> Vis. (Lamiaceae). <i>Chemistry and Biodiversity</i> , 2012, 9, 2825-2842.	2.1	30
54	Cytotoxicity and genotoxicity of versicolorins and 5-methoxysterigmatocystin in A549 cells. <i>Archives of Toxicology</i> , 2012, 86, 1583-1591.	4.2	38

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55	A morphological and chemotaxonomic study of <i>Teucrium arduini</i> L. in Croatia, and Bosnia and Herzegovina. <i>Plant Biosystems</i> , 2012, 146, 402-412.	1.6	13
56	Development of low methoxy amidated pectin-based mucoadhesive patches for buccal delivery of triclosan: Effect of cyclodextrin complexation. <i>Carbohydrate Polymers</i> , 2012, 90, 1794-1803.	10.2	30
57	Chemical traits and antimicrobial activity of endemic <i>Teucrium arduini</i> L. from Mt Biokovo (Croatia). <i>Open Life Sciences</i> , 2012, 7, 941-947.	1.4	6
58	Antimicrobial activity of <i>Thymus longicaulis</i> C. Presl essential oil against respiratory pathogens. <i>Open Life Sciences</i> , 2012, 7, 1109-1115.	1.4	8
59	The First Report on Mushroom Green Mould Disease in Croatia / Prvi Izvještaj O Bolesti Zelene Plijesni U Hrvatskoj. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2012, 63, 481-487.	0.7	21
60	Phytochemical and Micromorphological Traits of Endemic <i>Micromeria pseudocroatica</i> (Lamiaceae). <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	3
61	Micromorphological and Chemotaxonomical Traits of <i>Micromeria croatica</i> (Lamiaceae) Schott. <i>Chemistry and Biodiversity</i> , 2012, 9, 755-768.	2.1	19
62	Anthraquinone profiles, antioxidant and antimicrobial properties of <i>Frangula rupestris</i> (Scop.) Schur and <i>Frangula alnus</i> Mill. bark. <i>Food Chemistry</i> , 2012, 131, 1174-1180.	8.2	62
63	Phytochemical and micromorphological traits of endemic <i>Micromeria pseudocroatica</i> (Lamiaceae). <i>Natural Product Communications</i> , 2012, 7, 1667-70.	0.5	3
64	Anthraquinone Profile, Antioxidant and Antimicrobial Properties of Bark Extracts of <i>Rhamnus catharticus</i> and <i>R. orbiculatus</i> . <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.5	15
65	Analysis of triclosan inclusion complexes with $\beta$ -cyclodextrin and its water-soluble polymeric derivative. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1030-1039.	2.8	73
66	Assessment of Tryptophol Genotoxicity in Four Cell Lines In Vitro: A Pilot Study with Alkaline Comet Assay. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2011, 62, 41-49.	0.7	12
67	New localities of the subendemic species <i>Berberis croatica</i> , <i>Teucrium arduini</i> and <i>Micromeria croatica</i> in the Dinaric Alps. <i>Acta Botanica Croatica</i> , 2011, 70, 289-300.	0.7	2
68	Chemical Composition and Antimicrobial Activity of Volatiles from <i>Degenia velebitica</i> , a European Stenoendemic Plant of the Brassicaceae Family. <i>Chemistry and Biodiversity</i> , 2010, 7, 2755-2765.	2.1	20
69	Antioxidant and antimicrobial properties of <i>Teucrium arduini</i> L. (Lamiaceae) flower and leaf infusions ( <i>Teucrium arduini</i> L. antioxidant capacity). <i>Food and Chemical Toxicology</i> , 2010, 48, 113-119.	3.6	53
70	Antioxidant and antimicrobial properties of <i>Moltkia petraea</i> (Tratt.) Griseb. flower, leaf and stem infusions. <i>Food and Chemical Toxicology</i> , 2010, 48, 1537-1542.	3.6	73
71	Evaluation of antioxidant activities and phenolic content of <i>Berberis vulgaris</i> L. and <i>Berberis croatica</i> Horvat. <i>Food and Chemical Toxicology</i> , 2010, 48, 2176-2180.	3.6	133
72	Synthesis and biological evaluation of <i>O</i> -methyl and <i>O</i> -ethyl NSAID hydroxamic acids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 1179-1187.	5.2	14

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73	Co-occurrence of Aflatoxins, Ochratoxin A, Fumonisin, and Zearalenone in Cereals and Feed, Determined by Competitive Direct Enzyme-Linked Immunosorbent Assay and Thin-Layer Chromatography. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2009, 60, 427-434.	0.7	66
74	Croatian barberry ( <i>Berberis croatica</i> Horvat): a new source of berberine analysis and antimicrobial activity. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 145-150.	3.6	42
75	Contaminants of Medicinal Herbs and Herbal Products. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2009, 60, 485-501.	0.7	129
76	Genotoxicity of Tryptophol in a Battery of Short-Term Assays on Human White Blood Cells <i>in vitro</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 443-452.	2.5	8
77	Radioprotective effects of propolis and quercetin in $\beta$ -irradiated mice evaluated by the alkaline comet assay. <i>Phytomedicine</i> , 2008, 15, 851-858.	5.3	72
78	Isolation and cytotoxicity of low-molecular-weight metabolites of <i>Candida albicans</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6893.	3.0	14
79	Assessment by Survival Analysis of the Radioprotective Properties of Propolis and Its Polyphenolic Compounds. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 946-951.	1.4	54
80	Antifungal activity of thyme ( <i>Thymus vulgaris</i> L.) essential oil and thymol against moulds from damp dwellings. <i>Letters in Applied Microbiology</i> , 2007, 44, 36-42.	2.2	174
81	Synergistic Antitumor Effect of Polyphenolic Components of Water Soluble Derivative of Propolis against Ehrlich Ascites Tumour. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 694-700.	1.4	39
82	Influence of media and temperature on gliotoxin production in <i>Aspergillus fumigatus</i> strains. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2005, 56, 269-73.	0.7	5
83	Verruculogen production in airborne and clinical isolates of <i>Aspergillus fumigatus</i> Fres. <i>Acta Pharmaceutica</i> , 2005, 55, 357-64.	2.0	9
84	Mycotoxigenicity of clinical and environmental <i>Aspergillus fumigatus</i> and <i>A. flavus</i> isolates. <i>Acta Pharmaceutica</i> , 2005, 55, 365-75.	2.0	17
85	Antifungal activity of fluid extract and essential oil from anise fruits ( <i>Pimpinella anisum</i> L., Apiaceae). <i>Acta Pharmaceutica</i> , 2005, 55, 377-85.	2.0	62
86	Antimicrobial activity of juniper berry essential oil ( <i>Juniperus communis</i> L., Cupressaceae). <i>Acta Pharmaceutica</i> , 2005, 55, 417-22.	2.0	64
87	Flavonoid analysis and antimicrobial activity of commercially available propolis products. <i>Acta Pharmaceutica</i> , 2005, 55, 423-30.	2.0	48
88	Galangin expresses bactericidal activity against multiple-resistant bacteria: MRSA, <i>Enterococcus</i> spp. and <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , 2004, 240, 111-116.	1.8	80
89	Quantitative analysis of the flavonoids in raw propolis from northern Croatia. <i>Acta Pharmaceutica</i> , 2004, 54, 65-72.	2.0	120
90	Analysis of propolis from the continental and Adriatic regions of Croatia. <i>Acta Pharmaceutica</i> , 2003, 53, 275-85.	2.0	29

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91	Antifungal activity of some Sternbergia taxa: effects on germ tube and biofilm formation. Brazilian Journal of Pharmaceutical Sciences, 0, 55, .	1.2	3