

# Ana MaraviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

808  
citations

471509

17  
h-index

552781

26  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiome and antibiotic resistance profiling in submarine effluent-receiving coastal waters in Croatia. <i>Environmental Pollution</i> , 2022, 292, 118282.	7.5	10
2	Prevalence of enteric opportunistic pathogens and extended-spectrum cephalosporin- and carbapenem-resistant coliforms and genes in wastewater from municipal wastewater treatment plants in Croatia. <i>Journal of Hazardous Materials</i> , 2022, 427, 128155.	12.4	14
3	Anisaxins, helical antimicrobial peptides from marine parasites, kill resistant bacteria by lipid extraction and membrane disruption. <i>Acta Biomaterialia</i> , 2022, 146, 131-144.	8.3	15
4	Submarine Outfalls of Treated Wastewater Effluents are Sources of Extensively- and Multidrug-Resistant KPC- and OXA-48-Producing Enterobacteriaceae in Coastal Marine Environment. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	1
5	Metagenomic analysis of pioneer biofilm-forming marine bacteria with emphasis on <i>Vibrio gigantis</i> adhesion dynamics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112619.	5.0	2
6	Phytochemical Characterization and Screening of Antioxidant, Antimicrobial and Antiproliferative Properties of <i>Allium</i> $\text{A}^{\text{---}}$ cornutum Clementi and Two Varieties of <i>Allium cepa</i> L. Peel Extracts. <i>Plants</i> , 2021, 10, 832.	3.5	30
7	Spatial and Temporal Vertical Distribution of Chlorophyll in Relation to Submarine Wastewater Effluent Discharges. <i>Water (Switzerland)</i> , 2021, 13, 2016.	2.7	4
8	The mode of antibacterial action of quaternary N-benzylimidazole salts against emerging opportunistic pathogens. <i>Bioorganic Chemistry</i> , 2021, 112, 104938.	4.1	7
9	Not Only a Weed Plant—Biological Activities of Essential Oil and Hydrosol of <i>Dittrichia viscosa</i> (L.) Greuter. <i>Plants</i> , 2021, 10, 1837.	3.5	14
10	Bacteria tolerant to colistin in coastal marine environment: Detection, microbiome diversity and antibiotic resistance genes' repertoire. <i>Chemosphere</i> , 2021, 281, 130945.	8.2	9
11	Identification and functional characterization of the astacidin family of proline-rich host defence peptides (PcAst) from the red swamp crayfish ( <i>Procambarus clarkii</i> , Girard 1852). <i>Developmental and Comparative Immunology</i> , 2020, 105, 103574.	2.3	12
12	UPLC-MS/MS Phytochemical Analysis of Two Croatian <i>Cistus</i> Species and Their Biological Activity. <i>Life</i> , 2020, 10, 112.	2.4	13
13	Probing the Mode of Antibacterial Action of Silver Nanoparticles Synthesized by Laser Ablation in Water: What Fluorescence and AFM Data Tell Us. <i>Nanomaterials</i> , 2020, 10, 1040.	4.1	14
14	Bacteria Exposed to Silver Nanoparticles Synthesized by Laser Ablation in Water: Modelling <i>E. coli</i> Growth and Inactivation. <i>Materials</i> , 2020, 13, 653.	2.9	19
15	Biological Effects of Glucosinolate Degradation Products from Horseradish: A Horse that Wins the Race. <i>Biomolecules</i> , 2020, 10, 343.	4.0	25
16	A simple interaction-based <i>E. coli</i> growth model. <i>Physical Biology</i> , 2019, 16, 066005.	1.8	3
17	Halogenated boroxine dipotassium trioxohydroxytetrafluorotriborate $\text{K}_2[\text{B}_3\text{O}_3\text{F}_4\text{OH}]$ inhibits emerging multidrug-resistant and $\beta$ -lactamase-producing opportunistic pathogens. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1770-1776.	2.0	5
18	Selection and redesign for high selectivity of membrane-active antimicrobial peptides from a dedicated sequence/function database. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 827-834.	2.6	22

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19	Membrane-active antimicrobial peptide identified in <i>Rana arvalis</i> by targeted DNA sequencing. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 651-659.	2.6	11
20	Discovery of novel quaternary ammonium compounds based on quinuclidine-3-ol as new potential antimicrobial candidates. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 626-635.	5.5	35
21	Copper(II) complexes with N <sup>2</sup> -methylsarcosinamide selective for human bladder cancer cells. <i>Inorganica Chimica Acta</i> , 2019, 488, 312-320.	2.4	4
22	Antimicrobial and Cytotoxic Activities of <i>Lepidium latifolium</i> L. Hydrodistillate, Extract and Its Major Sulfur Volatile Allyl Isothiocyanate. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800661.	2.1	24
23	Broad-spectrum resistance of <i>Pseudomonas aeruginosa</i> from shellfish: infrequent acquisition of novel resistance mechanisms. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 81.	2.7	13
24	Antibacterial Activity Affected by the Conformational Flexibility in Glycine-Lysine Based $\alpha$ -Helical Antimicrobial Peptides. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2924-2936.	6.4	48
25	Phytochemical Composition and Antimicrobial Activity of Essential Oils of Wild Growing <i>Cistus</i> species in Croatia. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	8
26	<i>Centaurea rupestris</i> L.: Cytogenetics, Essential Oil Chemistry and Biological Activity. <i>Croatica Chemica Acta</i> , 2018, 91, .	0.4	7
27	Designed peptide with a flexible central motif from ranatuerins adapts its conformation to bacterial membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2655-2668.	2.6	8
28	Phytochemical and Cytogenetic Characterization of <i>Centaurea solstitialis</i> L. (Asteraceae) from Croatia. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600213.	2.1	18
29	Proteomic response of $\beta$ -lactamases-producing <i>Enterobacter cloacae</i> complex strain to cefotaxime-induced stress. <i>Pathogens and Disease</i> , 2016, 74, ftw045.	2.0	4
30	Urban riverine environment is a source of multidrug-resistant and ESBL-producing clinically important <i>Acinetobacter</i> spp.. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3525-3535.	5.3	45
31	Prevalence and diversity of extended-spectrum $\beta$ -lactamase-producing <i>Enterobacteriaceae</i> from marine beach waters. <i>Marine Pollution Bulletin</i> , 2015, 90, 60-67.	5.0	60
32	Characterization of Environmental CTX-M-15-Producing <i>Stenotrophomonas maltophilia</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6333-6334.	3.2	16
33	Profile and multidrug resistance determinants of <i>Chryseobacterium indologenes</i> from seawater and marine fauna. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 515-522.	3.6	21
34	Synthesis and antimicrobial profile of N-substituted imidazolium oximes and their monoquaternary salts against multidrug resistant bacteria. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7499-7506.	3.0	23
35	<i>Aeromonas</i> spp. simultaneously harbouring blaCTX-M-15, blaSHV-12, blaPER-1 and blaFOX-2, in wild-growing Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ) from Adriatic Sea, Croatia. <i>International Journal of Food Microbiology</i> , 2013, 166, 301-308.	4.7	56
36	<i>Campanula portenschlagiana</i> Roem. et Schult.: Chemical and Antimicrobial Activities. <i>Chemistry and Biodiversity</i> , 2013, 10, 1072-1080.	2.1	3

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37	Occurrence and antibiotic susceptibility profiles of <i>Burkholderia cepacia</i> complex in coastal marine environment. International Journal of Environmental Health Research, 2012, 22, 531-542.	2.7	13
38	Antibiotic susceptibility profiles and first report of TEM extended-spectrum $\beta$ -lactamase in <i>Pseudomonas fluorescens</i> from coastal waters of the Kaštela Bay, Croatia. World Journal of Microbiology and Biotechnology, 2012, 28, 2039-2045.	3.6	11
39	Chemical Composition and Antimicrobial Activity of the Essential Oil of Endemic Dalmatian Black Pine ( <i>Pinus nigra</i> ssp. <i>dalmatica</i> ). Chemistry and Biodiversity, 2011, 8, 540-547.	2.1	26
40	Phytochemical Analysis and Antimicrobial Activity of <i>Cardaria draba</i> (L.) Desv. Volatiles. Chemistry and Biodiversity, 2011, 8, 1170-1181.	2.1	34
41	Glucosinolate Profiling and Antimicrobial Screening of <i>Aurinia leucadea</i> (Brassicaceae). Chemistry and Biodiversity, 2011, 8, 2310-2321.	2.1	21
42	Hedge Mustard ( <i>Sisymbrium officinale</i> ): Chemical Diversity of Volatiles and Their Antimicrobial Activity. Chemistry and Biodiversity, 2010, 7, 2023-2034.	2.1	37
43	Glucosinolates, glycosidically bound volatiles and antimicrobial activity of <i>Aurinia sinuata</i> (Brassicaceae). Food Chemistry, 2010, 121, 1020-1028.	8.2	43