

# TÃ-meas MosolygÃ³

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,186  
citations

361045

20  
h-index

395343

33  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1686  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Roads Leading to Old Destinations: Efflux Pumps as Targets to Reverse Multidrug Resistance in Bacteria. <i>Molecules</i> , 2017, 22, 468.	1.7	142
2	Efflux pumps of Gram-negative bacteria: what they do, how they do it, with what and how to deal with them. <i>Frontiers in Pharmacology</i> , 2014, 4, 168.	1.6	108
3	Possible Biological and Clinical Applications of Phenothiazines. <i>Anticancer Research</i> , 2017, 37, 5983-5993.	0.5	73
4	Organoselenium Compounds as Novel Adjuvants of Chemotherapy Drugs—A Promising Approach to Fight Cancer Drug Resistance. <i>Molecules</i> , 2019, 24, 336.	1.7	65
5	Selenoesters and selenoanhydrides as novel multidrug resistance reversing agents: A confirmation study in a colon cancer MDR cell line. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 797-802.	1.0	60
6	Identification of selenocompounds with promising properties to reverse cancer multidrug resistance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2821-2824.	1.0	53
7	<i>Nigella sativa</i> essential oil and its bioactive compounds as resistance modifiers against <i>Staphylococcus aureus</i> . <i>Phytotherapy Research</i> , 2019, 33, 1010-1018.	2.8	48
8	The Role of Drug Repurposing in the Development of Novel Antimicrobial Drugs: Non-Antibiotic Pharmacological Agents as Quorum Sensing-Inhibitors. <i>Antibiotics</i> , 2019, 8, 270.	1.5	41
9	Terpenoids from <i>Euphorbia pedroi</i> as Multidrug-Resistance Reversers. <i>Journal of Natural Products</i> , 2018, 81, 2032-2040.	1.5	37
10	The 5-aromatic hydantoin-3-acetate derivatives as inhibitors of the tumour multidrug resistance efflux pump P-glycoprotein (ABCB1): Synthesis, crystallographic and biological studies. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2815-2822.	1.4	33
11	Antiviral, Antimicrobial and Antibiofilm Activity of Selenoesters and Selenoanhydrides. <i>Molecules</i> , 2019, 24, 4264.	1.7	30
12	Evaluation of the Antimicrobial and Antiviral Potential of Essential Oils Isolated from <i>Juniperus oxycedrus</i> L. ssp. <i>macrocarpa</i> Aerial Parts. <i>Microorganisms</i> , 2022, 10, 758.	1.6	29
13	Selenium and tellurium in the development of novel small molecules and nanoparticles as cancer multidrug resistance reversal agents. <i>Drug Resistance Updates</i> , 2022, 63, 100844.	6.5	29
14	Antibacterial and Resistance Modifying Activities of <i>Nigella sativa</i> Essential Oil and its Active Compounds Against <i>Listeria monocytogenes</i> . <i>In Vivo</i> , 2018, 32, 737-743.	0.6	28
15	The Opposite Effects of Kynurenic Acid and Different Kynurenic Acid Analogs on Tumor Necrosis Factor- $\alpha$ (TNF- $\alpha$ ) Production and Tumor Necrosis Factor-Stimulated Gene-6 (TSG-6) Expression. <i>Frontiers in Immunology</i> , 2019, 10, 1406.	2.2	26
16	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. <i>Molecules</i> , 2019, 24, 1487.	1.7	26
17	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. <i>Anticancer Research</i> , 2010, 30, 4867-71.	0.5	26
18	Xanthones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. <i>Antibiotics</i> , 2021, 10, 600.	1.5	24

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19	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. <i>New Journal of Chemistry</i> , 2019, 43, 6021-6031.	1.4	23
20	Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines. <i>Anticancer Research</i> , 2015, 35, 3245-51.	0.5	22
21	Biofilm Eradication by Symmetrical Selenoesters for Food-Borne Pathogens. <i>Microorganisms</i> , 2020, 8, 566.	1.6	19
22	Ketone- and Cyano-Selenoesters to Overcome Efflux Pump, Quorum-Sensing, and Biofilm-Mediated Resistance. <i>Antibiotics</i> , 2020, 9, 896.	1.5	18
23	Protection promoted by pGP3 or pGP4 against <i>Chlamydia muridarum</i> is mediated by CD4+ cells in C57BL/6N mice. <i>Vaccine</i> , 2014, 32, 5228-5233.	1.7	14
24	A direct quantitative PCR-based measurement of herpes simplex virus susceptibility to antiviral drugs and neutralizing antibodies. <i>Journal of Virological Methods</i> , 2017, 242, 46-52.	1.0	14
25	Bioactive compounds from the African medicinal plant <i>Cleistochlamys kirkii</i> as resistance modifiers in bacteria. <i>Phytotherapy Research</i> , 2018, 32, 1039-1046.	2.8	14
26	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. <i>Marine Drugs</i> , 2021, 19, 475.	2.2	14
27	Benzoxazole-Based Metal Complexes to Reverse Multidrug Resistance in Bacteria. <i>Antibiotics</i> , 2020, 9, 649.	1.5	11
28	Search for ABCB1 Modulators Among 2-Amine-5-Arylideneimidazolones as a New Perspective to Overcome Cancer Multidrug Resistance. <i>Molecules</i> , 2020, 25, 2258.	1.7	11
29	Antimicrobial Activity of a Library of Thioxanthenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , 2021, 14, 572.	1.7	11
30	Pharmaceutical and Safety Profile Evaluation of Novel Selenocompounds with Noteworthy Anticancer Activity. <i>Pharmaceutics</i> , 2022, 14, 367.	2.0	11
31	Comparison of Solution Chemical Properties and Biological Activity of Ruthenium Complexes of Selected $\beta^2$ -Diketone, 8-Hydroxyquinoline and Pyridothione Ligands. <i>Pharmaceutics</i> , 2021, 14, 518.	1.7	10
32	N-Substituted piperazine derivatives as potential multitarget agents acting on histamine H3 receptor and cancer resistance proteins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127522.	1.0	9
33	An insight into the structure of 5-spiro aromatic derivatives of imidazolidine-2,4-dione, a new group of very potent inhibitors of tumor multidrug resistance in T-lymphoma cells. <i>Bioorganic Chemistry</i> , 2021, 109, 104735.	2.0	9
34	<i>Chlamydomonas reinhardtii</i> re-infection triggers the production of IL-17A and IL-17E, important regulators of airway inflammation. <i>Inflammation Research</i> , 2013, 62, 451-460.	1.6	8
35	Anti-chlamydial effect of plant peptides. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2014, 61, 229-239.	0.4	8
36	Bioactive Compounds of <i>Nigella sativa</i> Essential Oil as Antibacterial Agents against <i>Chlamydia trachomatis</i> D. <i>Microorganisms</i> , 2019, 7, 370.	1.6	8

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37	Inhibition of Bacterial Biofilm Formation by Phytotherapeutics with Focus on Overcoming Antimicrobial Resistance. <i>Current Pharmaceutical Design</i> , 2020, 26, 2807-2816.	0.9	8
38	5-arylidene(thio)hydantoin derivatives as modulators of cancer efflux pump. <i>Acta Poloniae Pharmaceutica</i> , 2012, 69, 149-56.	0.3	7
39	<i>Chlamydia pneumoniae</i> Infection Exacerbates Atherosclerosis in ApoB100only/LDLR <sup>+/+</sup> Mouse Strain. <i>BioMed Research International</i> , 2018, 2018, 1-12.	0.9	6
40	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. <i>Anticancer Research</i> , 2018, 38, 4577-4584.	0.5	6
41	Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria. <i>In Vivo</i> , 2016, 30, 813-818.	0.6	6
42	A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis. <i>Sci</i> , 2022, 4, 4.	1.8	6
43	New diarylpentanoids and chalcones as potential antimicrobial adjuvants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 67, 128743.	1.0	6
44	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. <i>Marine Drugs</i> , 2022, 20, 315.	2.2	6
45	<i>Chlamydia pneumoniae</i> Influence on Cytokine Production in Steroid-Resistant and Steroid-Sensitive Asthmatics. <i>Pathogens</i> , 2020, 9, 112.	1.2	5
46	Enantioselectivity of Chiral Derivatives of Xanthenes in Virulence Effects of Resistant Bacteria. <i>Pharmaceuticals</i> , 2021, 14, 1141.	1.7	5
47	Computer-Aided Search for 5-Arylideneimidazolone Anticancer Agents Able To Overcome ABCB1-Based Multidrug Resistance. <i>ChemMedChem</i> , 2021, 16, 2386-2401.	1.6	4
48	Growth characteristics of <i>Chlamydia trachomatis</i> in human intestinal epithelial Caco-2 cells. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	3
49	N-acetyl-cysteine increases the replication of <i>Chlamydia pneumoniae</i> and prolongs the clearance of the pathogen from mice. <i>Journal of Medical Microbiology</i> , 2018, 67, 702-708.	0.7	3
50	Expression of <i>Chlamydia muridarum</i> plasmid genes and immunogenicity of pGP3 and pGP4 in different mouse strains. <i>International Journal of Medical Microbiology</i> , 2014, 304, 476-483.	1.5	2
51	Synthesis, characterization, thermal properties and biological activity of diazine-ring containing hydrazones and their metal complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 229-242.	2.0	1