

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
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51
all docs

51
docs citations

51
times ranked

1686
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis. <i>Sci</i> , 2022, 4, 4.	1.8	6
3	Pharmaceutical and Safety Profile Evaluation of Novel Selenocompounds with Noteworthy Anticancer Activity. <i>Pharmaceutics</i> , 2022, 14, 367.	2.0	11
4	Evaluation of the Antimicrobial and Antivirulent 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
5	New diarylpentanoids and chalcones as potential antimicrobial adjuvants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 67, 128743.	1.0	6
6	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. <i>Marine Drugs</i> , 2022, 20, 315.	2.2	6
7	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
8	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
9	Comparison of Solution Chemical Properties and Biological Activity of Ruthenium Complexes of Selected β -Diketone, 8-Hydroxyquinoline and Pyrithione Ligands. <i>Pharmaceutics</i> , 2021, 14, 518.	1.7	10
10	Xanthonones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. <i>Antibiotics</i> , 2021, 10, 600.	1.5	24
11	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
12	Antimicrobial Activity of a Library of Thioxanthonones and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceutics</i> , 2021, 14, 572.	1.7	11
13	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. <i>Marine Drugs</i> , 2021, 19, 475.	2.2	14
14	Enantioselectivity of Chiral Derivatives of Xanthonones in Virulence Effects of Resistant Bacteria. <i>Pharmaceutics</i> , 2021, 14, 1141.	1.7	5
15	Benzoxazole-Based Metal Complexes to Reverse Multidrug Resistance in Bacteria. <i>Antibiotics</i> , 2020, 9, 649.	1.5	11
16	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
17	Ketone- and Cyano-Selenoesters to Overcome Efflux Pump, Quorum-Sensing, and Biofilm-Mediated Resistance. <i>Antibiotics</i> , 2020, 9, 896.	1.5	18
18	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

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19	Chlamydia pneumoniae Influence on Cytokine Production in Steroid-Resistant and Steroid-Sensitive Asthmatics. Pathogens, 2020, 9, 112.	1.2	5
20	Biofilm Eradication by Symmetrical Selenoesters for Food-Borne Pathogens. Microorganisms, 2020, 8, 566.	1.6	19
21	Inhibition of Bacterial Biofilm Formation by Phytotherapeutics with Focus on Overcoming Antimicrobial Resistance. Current Pharmaceutical Design, 2020, 26, 2807-2816.	0.9	8
22	The Opposite Effects of Kynurenic Acid and Different Kynurenic Acid Analogs on Tumor Necrosis Factor- α (TNF- α) Production and Tumor Necrosis Factor-Stimulated Gene-6 (TSG-6) Expression. Frontiers in Immunology, 2019, 10, 1406.	2.2	26
23	Bioactive Compounds of Nigella sativa Essential Oil as Antibacterial Agents against Chlamydia trachomatis D. Microorganisms, 2019, 7, 370.	1.6	8
24	Organoselenium Compounds as Novel Adjuvants of Chemotherapy Drugs – A Promising Approach to Fight Cancer Drug Resistance. Molecules, 2019, 24, 336.	1.7	65
25	<i>Nigella sativa</i> essential oil and its bioactive compounds as resistance modifiers against <i>Staphylococcus aureus</i> . Phytotherapy Research, 2019, 33, 1010-1018.	2.8	48
26	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. Molecules, 2019, 24, 1487.	1.7	26
27	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. New Journal of Chemistry, 2019, 43, 6021-6031.	1.4	23
28	Antiviral, Antimicrobial and Antibiofilm Activity of Selenoesters and Selenoanhydrides. Molecules, 2019, 24, 4264.	1.7	30
29	The Role of Drug Repurposing in the Development of Novel Antimicrobial Drugs: Non-Antibiotic Pharmacological Agents as Quorum Sensing-Inhibitors. Antibiotics, 2019, 8, 270.	1.5	41
30	Bioactive compounds from the African medicinal plant <i>Cleistochoamys kirkii</i> as resistance modifiers in bacteria. Phytotherapy Research, 2018, 32, 1039-1046.	2.8	14
31	Growth characteristics of Chlamydia trachomatis in human intestinal epithelial Caco-2 cells. Pathogens and Disease, 2018, 76, .	0.8	3
32	Terpenoids from <i>Euphorbia pedroi</i> as Multidrug-Resistance Reversers. Journal of Natural Products, 2018, 81, 2032-2040.	1.5	37
33	Antibacterial and Resistance Modifying Activities of <i>Nigella sativa</i> Essential Oil and its Active Compounds Against <i>Listeria monocytogenes</i> . In Vivo, 2018, 32, 737-743.	0.6	28
34	<i>Chlamydia pneumoniae</i> Infection Exacerbates Atherosclerosis in ApoB100only/LDLR ^{+/+} Mouse Strain. BioMed Research International, 2018, 2018, 1-12.	0.9	6
35	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. Anticancer Research, 2018, 38, 4577-4584.	0.5	6
36	N-acetyl-cysteine increases the replication of Chlamydia pneumoniae and prolongs the clearance of the pathogen from mice. Journal of Medical Microbiology, 2018, 67, 702-708.	0.7	3

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37	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
38	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
39	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
40	Possible Biological and Clinical Applications of Phenothiazines. <i>Anticancer Research</i> , 2017, 37, 5983-5993.	0.5	73
41	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
42	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
43	Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria. <i>In Vivo</i> , 2016, 30, 813-818.	0.6	6
44	Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines. <i>Anticancer Research</i> , 2015, 35, 3245-51.	0.5	22
45	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
46	Expression of Chlamydia muridarum 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
47	Protection promoted by pGP3 or pGP4 against Chlamydia muridarum is mediated by CD4+ cells in C57BL/6N mice. <i>Vaccine</i> , 2014, 32, 5228-5233.	1.7	14
48	Anti-chlamydial effect of plant peptides. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2014, 61, 229-239.	0.4	8
49	Chlamydomydia pneumoniae 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
50	5-arylidene(thio)hydantoin derivatives as modulators of cancer efflux pump. <i>Acta Poloniae Pharmaceutica</i> , 2012, 69, 149-56.	0.3	7
51	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. <i>Anticancer Research</i> , 2010, 30, 4867-71.	0.5	26