

Tmea Mosolyg

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

733
citations

16
h-index

26
g-index

51
ext. papers

964
ext. citations

4.4
avg, IF

4.4
L-index

#	Paper	IF	Citations
50	New Roads Leading to Old Destinations: Efflux Pumps as Targets to Reverse Multidrug Resistance in Bacteria. <i>Molecules</i> , 2017 , 22,	4.8	110
49	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	5.6	70
48	Possible Biological and Clinical Applications of Phenothiazines. <i>Anticancer Research</i> , 2017 , 37, 5983-5993.	2.3	51
47	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	2.9	45
46	Organoselenium Compounds as Novel Adjuvants of Chemotherapy Drugs-A Promising Approach to Fight Cancer Drug Resistance. <i>Molecules</i> , 2019 , 24,	4.8	44
45	Identification of selenocompounds with promising properties to reverse cancer multidrug resistance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 2821-2824	2.9	43
44	<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	6.7	27
43	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,	4.9	26
42	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. <i>Anticancer Research</i> , 2010 , 30, 4867-71	2.3	25
41	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, 2815-22	3.4	24
40	Terpenoids from <i>Euphorbia pedroi</i> as Multidrug-Resistance Reversers. <i>Journal of Natural Products</i> , 2018 , 81, 2032-2040	4.9	22
39	Antibacterial and Resistance Modifying Activities of Essential Oil and its Active Compounds Against. <i>In Vivo</i> , 2018 , 32, 737-743	2.3	21
38	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. <i>Molecules</i> , 2019 , 24,	4.8	18
37	Antiviral, Antimicrobial and Antibiofilm Activity of Selenoesters and Selenoanhydrides. <i>Molecules</i> , 2019 , 24,	4.8	18
36	Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines. <i>Anticancer Research</i> , 2015 , 35, 3245-51	2.3	18
35	The Opposite Effects of Kynurenic Acid and Different Kynurenic Acid Analogs on Tumor Necrosis Factor- α Production and Tumor Necrosis Factor-Stimulated Gene-6 (TSG-6) Expression. <i>Frontiers in Immunology</i> , 2019 , 10, 1406	8.4	17
34	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. <i>New Journal of Chemistry</i> , 2019 , 43, 6021-6031	3.6	14

33	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	2.6	11
32	Bioactive compounds from the African medicinal plant <i>Cleistochlamys kirkii</i> as resistance modifiers in bacteria. <i>Phytotherapy Research</i> , 2018 , 32, 1039-1046	6.7	11
31	Biofilm Eradication by Symmetrical Selenoesters for Food-Borne Pathogens. <i>Microorganisms</i> , 2020 , 8,	4.9	10
30	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, 5228-33	4.1	8
29	Xanthones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. <i>Antibiotics</i> , 2021 , 10,	4.9	8
28	<i>Chlamydomydia pneumoniae</i> re-infection triggers the production of IL-17A and IL-17E, important regulators of airway inflammation. <i>Inflammation Research</i> , 2013 , 62, 451-60	7.2	7
27	Ketone- and Cyano-Selenoesters to Overcome Efflux Pump, Quorum-Sensing, and Biofilm-Mediated Resistance. <i>Antibiotics</i> , 2020 , 9,	4.9	7
26	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. <i>Anticancer Research</i> , 2018 , 38, 4577-4584	2.3	6
25	Search for ABCB1 Modulators Among 2-Amine-5-Arylideneimidazolones as a New Perspective to Overcome Cancer Multidrug Resistance. <i>Molecules</i> , 2020 , 25,	4.8	5
24	Infection Exacerbates Atherosclerosis in ApoB100only/LDLR Mouse Strain. <i>BioMed Research International</i> , 2018 , 2018, 8325915	3	5
23	Anti-chlamydial effect of plant peptides. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2014 , 61, 229-328	3.8	5
22	Benzoxazole-Based Metal Complexes to Reverse Multidrug Resistance in Bacteria. <i>Antibiotics</i> , 2020 , 9,	4.9	5
21	5-arylidene(thio)hydantoin derivatives as modulators of cancer efflux pump. <i>Acta Poloniae Pharmaceutica</i> , 2012 , 69, 149-56	1.3	5
20	Evaluation of the Antimicrobial and Antivirulent Potential of Essential Oils Isolated from <i>L. ssp.</i> Aerial Parts.. <i>Microorganisms</i> , 2022 , 10,	4.9	5
19	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	23.2	5
18	Bioactive Compounds of Essential Oil as Antibacterial Agents against <i>D. Microorganisms</i> , 2019 , 7,	4.9	4
17	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. <i>Marine Drugs</i> , 2021 , 19,	6	4
16	Pharmaceutical and Safety Profile Evaluation of Novel Selenocompounds with Noteworthy Anticancer Activity.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	3

15	Inhibition of Bacterial Biofilm Formation by Phytotherapeutics with Focus on Overcoming Antimicrobial Resistance. <i>Current Pharmaceutical Design</i> , 2020 , 26, 2807-2816	3-3	3
14	Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria. <i>In Vivo</i> , 2016 , 30, 813-817	2-3	3
13	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	5-1	3
12	Comparison of Solution Chemical Properties and Biological Activity of Ruthenium Complexes of Selected -Diketone, 8-Hydroxyquinoline and Pyrithione Ligands. <i>Pharmaceuticals</i> , 2021 , 14,	5-2	3
11	Influence on Cytokine Production in Steroid-Resistant and Steroid-Sensitive Asthmatics. <i>Pathogens</i> , 2020 , 9,	4-5	2
10	Growth characteristics of Chlamydia trachomatis in human intestinal epithelial Caco-2 cells. <i>Pathogens and Disease</i> , 2018 , 76,	4-2	2
9	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, 476-83	3-7	2
8	N-Substituted piperazine derivatives as potential multitarget agents acting on histamine H receptor and cancer resistance proteins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127522	2-9	2
7	Antimicrobial Activity of a Library of Thioxanthenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , 2021 , 14,	5-2	2
6	A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis. <i>Sci</i> , 2022 , 4, 4	0-7	1
5	-acetyl-cysteine increases the replication of and prolongs the clearance of the pathogen from mice. <i>Journal of Medical Microbiology</i> , 2018 , 67, 702-708	3-2	1
4	Computer-Aided Search for 5-Arylideneimidazolone Anticancer Agents Able To Overcome ABCB1-Based Multidrug Resistance. <i>ChemMedChem</i> , 2021 , 16, 2386-2401	3-7	1
3	New diarylpentanoids and chalcones as potential antimicrobial adjuvants.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022 , 67, 128743	2-9	1
2	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. <i>Marine Drugs</i> , 2022 , 20, 315	6	0
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> , 2020 , 1	4-1	