

Gabriella Spengler

List of Publications by Year in descending order

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153
papers

3,295
citations

147566

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all docs

161
docs citations

161
times ranked

4063
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	Potential role of non-antibiotics (helper compounds) in the treatment of multidrug-resistant Gram-negative infections: mechanisms for their direct and indirect activities. <i>International Journal of Antimicrobial Agents</i> , 2008, 31, 198-208.	1.1	124
3	Identification and Antimicrobial Susceptibility Testing of Anaerobic Bacteria: Rubikâ€™s Cube of Clinical Microbiology?. <i>Antibiotics</i> , 2017, 6, 25.	1.5	109
4	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
5	Biological activity of persimmon (<i>Diospyros kaki</i>) peel extracts. <i>Phytotherapy Research</i> , 2003, 17, 495-500.	2.8	87
6	Possible Biological and Clinical Applications of Phenothiazines. <i>Anticancer Research</i> , 2017, 37, 5983-5993.	0.5	73
7	The Mechanism of Plasmid Curing in Bacteria. <i>Current Drug Targets</i> , 2006, 7, 823-841.	1.0	72
8	Evaluation of Efflux Activity of Bacteria by a Semi-automated Fluorometric System. <i>Methods in Molecular Biology</i> , 2010, 642, 159-172.	0.4	66
9	Organoselenium Compounds as Novel Adjuvants of Chemotherapy Drugsâ€™ A Promising Approach to Fight Cancer Drug Resistance. <i>Molecules</i> , 2019, 24, 336.	1.7	65
10	Inhibition of efflux pumps in methicillin-resistant <i>Staphylococcus aureus</i> and <i>Enterococcus faecalis</i> resistant strains by triterpenoids from <i>Momordica balsamina</i> . <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 70-74.	1.1	61
11	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
12	Repurposing old drugs to fight multidrug resistant cancers. <i>Drug Resistance Updates</i> , 2020, 52, 100713.	6.5	60
13	Biological activity of barbados cherry (<i>acerola</i> fruits, fruit of <i>Malpighia emarginata</i> DC) extracts and fractions. <i>Phytotherapy Research</i> , 2004, 18, 212-223.	2.8	58
14	Silver nanoparticles modulate ABC transporter activity and enhance chemotherapy in multidrug resistant cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 601-610.	1.7	54
15	pH Modulation of Efflux Pump Activity of Multi-Drug Resistant <i>Escherichia coli</i> : Protection During Its Passage and Eventual Colonization of the Colon. <i>PLoS ONE</i> , 2009, 4, e6656.	1.1	53
16	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
17	<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
18	Structureâ€™antiproliferative activity studies on <i>l</i> -proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(<i>ii</i>), palladium(<i>ii</i>) and copper(<i>ii</i>) complexes. <i>Dalton Transactions</i> , 2016, 45, 13427-13439.	1.6	44

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19	New Methods for the Identification of Efflux Mediated MDR Bacteria, Genetic Assessment of Regulators and Efflux Pump Constituents, Characterization of Efflux Systems and Screening for Inhibitors of Efflux Pumps. <i>Current Drug Targets</i> , 2008, 9, 760-778.	1.0	41
20	Role of calcium in the efflux system of <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 410-414.	1.1	41
21	Jatrophone diterpenes and cancer multidrug resistance – ABCB1 efflux modulation and selective cell death induction. <i>Phytomedicine</i> , 2016, 23, 968-978.	2.3	41
22	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
23	Coumarin derivatives with tumor-specific cytotoxicity and multidrug resistance reversal activity. <i>In Vivo</i> , 2005, 19, 705-11.	0.6	41
24	The Anticancer Activity of the Old Neuroleptic Phenothiazine-type Drug Thioridazine. <i>Anticancer Research</i> , 2016, 36, 5701-5706.	0.5	40
25	Terpenoids from <i>Euphorbia pedroi</i> as Multidrug-Resistance Reversers. <i>Journal of Natural Products</i> , 2018, 81, 2032-2040.	1.5	37
26	Core-shell nanoparticles suppress metastasis and modify the tumour-supportive activity of cancer-associated fibroblasts. <i>Journal of Nanobiotechnology</i> , 2020, 18, 18.	4.2	37
27	Phenothiazines, bacterial efflux pumps and targeting the macrophage for enhanced killing of intracellular XDR TB. <i>In Vivo</i> , 2010, 24, 409-24.	0.6	35
28	Improving the MDR reversal activity of 6,17-epoxylathyrane diterpenes. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6392-6400.	1.4	34
29	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
30	Antiproliferative and cytotoxic activities of furocoumarins of <i>Ducrosia anethifolia</i> . <i>Pharmaceutical Biology</i> , 2018, 56, 658-664.	1.3	33
31	Synthesis and characterization of Sr and Mg-doped hydroxyapatite by a simple precipitation method. <i>Ceramics International</i> , 2018, 44, 22976-22982.	2.3	33
32	Ethidium bromide efflux by <i>Salmonella</i> : modulation by metabolic energy, pH, ions and phenothiazines. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 140-145.	1.1	32
33	Epoxylythyrone Derivatives: Modulation of ABCB1-Mediated Multidrug Resistance in Human Colon Adenocarcinoma and Mouse T-Lymphoma Cells. <i>Journal of Natural Products</i> , 2015, 78, 2215-2228.	1.5	30
34	Dregamine and tabernaemontanine derivatives as ABCB1 modulators on resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 247-257.	2.6	30
35	Antiviral, Antimicrobial and Antibiofilm Activity of Selenoesters and Selenoanhydrides. <i>Molecules</i> , 2019, 24, 4264.	1.7	30
36	Discovery of phenylselenoether-hydantoin hybrids as ABCB1 efflux pump modulating agents with cytotoxic and antiproliferative actions in resistant T-lymphoma. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112435.	2.6	30

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37	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
38	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
39	Physicochemical attack against solid tumors based on the reversal of direction of entropy flow: an attempt to introduce thermodynamics in anticancer therapy. <i>Diagnostic Pathology</i> , 2006, 1, 43.	0.9	28
40	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
41	An AcrAB-mediated multidrug-resistant phenotype is maintained following restoration of wild-type activities by efflux pump genes and their regulators. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 602-604.	1.1	27
42	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. <i>Molecules</i> , 2019, 24, 1487.	1.7	26
43	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. <i>Anticancer Research</i> , 2010, 30, 4867-71.	0.5	26
44	Enhancement of plasmid curing by 9-aminoacridine and two phenothiazines in the presence of proton pump inhibitor 1-(2-benzoxazolyl)-3,3,3-trifluoro-2-propanone. <i>International Journal of Antimicrobial Agents</i> , 2003, 22, 223-227.	1.1	25
45	Inhibitory action of a new proton pump inhibitor, trifluoromethyl ketone derivative, against the motility of clarithromycin-susceptible and-resistant <i>Helicobacter pylori</i> . <i>International Journal of Antimicrobial Agents</i> , 2004, 23, 631-633.	1.1	24
46	Exploring Jolkinol D Derivatives To Overcome Multidrug Resistance in Cancer. <i>Journal of Natural Products</i> , 2017, 80, 1411-1420.	1.5	24
47	Comparative solution equilibrium and structural studies of half-sandwich ruthenium(II)(η^6 -toluene) complexes of picolinate derivatives. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 74-85.	1.5	24
48	Xanthones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. <i>Antibiotics</i> , 2021, 10, 600.	1.5	24
49	Thioridazine induces apoptosis of multidrug-resistant mouse lymphoma cells transfected with the human ABCB1 and inhibits the expression of P-glycoprotein. <i>Anticancer Research</i> , 2011, 31, 4201-5.	0.5	24
50	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. <i>New Journal of Chemistry</i> , 2019, 43, 6021-6031.	1.4	23
51	Biological activity of twenty-three hydantoin derivatives on intrinsic efflux pump system of <i>Salmonella enterica</i> serovar Enteritidis NCTC 13349. <i>In Vivo</i> , 2011, 25, 769-72.	0.6	23
52	Interactions of Schiff base compounds and their coordination complexes with the drug cisplatin. <i>New Journal of Chemistry</i> , 2018, 42, 5834-5843.	1.4	22
53	Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines. <i>Anticancer Research</i> , 2015, 35, 3245-51.	0.5	22
54	Genetic response of <i>Salmonella enterica</i> serotype Enteritidis to thioridazine rendering the organism resistant to the agent. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 16-21.	1.1	21

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55	Effects of a series of dihydroanthracene derivatives on drug efflux in multidrug resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2003, 38, 253-263.	2.6	20
56	Biofilm Eradication by Symmetrical Selenoesters for Food-Borne Pathogens. <i>Microorganisms</i> , 2020, 8, 566.	1.6	19
57	The coordination modes of (thio)semicarbazone copper(II) complexes strongly modulate the solution chemical properties and mechanism of anticancer activity. <i>Journal of Inorganic Biochemistry</i> , 2022, 231, 111786.	1.5	19
58	Infectious Plasmid Resistance and Efflux Pump Mediated Resistance. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004, 51, 333-349.	0.4	18
59	Coordination compounds of a hydrazone derivative with Co(II), Ni(II), Cu(II) and Zn(II): synthesis, characterization, reactivity assessment and biological evaluation. <i>New Journal of Chemistry</i> , 2016, 40, 5885-5895.	1.4	18
60	Selenoesters and Selenoanhydrides as Novel Agents Against Resistant Breast Cancer. <i>Anticancer Research</i> , 2019, 39, 3777-3783.	0.5	18
61	Ketone- and Cyano-Selenoesters to Overcome Efflux Pump, Quorum-Sensing, and Biofilm-Mediated Resistance. <i>Antibiotics</i> , 2020, 9, 896.	1.5	18
62	Salicylaldehyde thiosemicarbazone copper complexes: impact of hybridization with estrone on cytotoxicity, solution stability and redox activity. <i>New Journal of Chemistry</i> , 2020, 44, 12154-12168.	1.4	18
63	An 8-hydroxyquinoline-proline hybrid with multidrug resistance reversal activity and the solution chemistry of its half-sandwich organometallic Ru and Rh complexes. <i>Dalton Transactions</i> , 2020, 49, 7977-7992.	1.6	18
64	Synergistic interaction between proton pump inhibitors and resistance modifiers: promoting effects of antibiotics and plasmid curing. <i>In Vivo</i> , 2006, 20, 367-72.	0.6	18
65	Novel latonduine derived proligands and their copper(II) complexes show cytotoxicity in the nanomolar range in human colon adenocarcinoma cells and <i>in vitro</i> cancer selectivity. <i>Dalton Transactions</i> , 2019, 48, 10464-10478.	1.6	17
66	Ultrasound absorption and entropy production in biological tissue: a novel approach to anticancer therapy. <i>Diagnostic Pathology</i> , 2006, 1, 35.	0.9	16
67	Nitrogen-containing naringenin derivatives for reversing multidrug resistance in cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115798.	1.4	16
68	Pedrolane, a Polycyclic Diterpene Scaffold Containing a Bicyclo[2.2.1]heptane System, from <i>Euphorbia pedroi</i> . <i>Organic Letters</i> , 2021, 23, 274-278.	2.4	16
69	Inhibitors of bacterial efflux pumps that also inhibit efflux pumps of cancer cells. <i>Anticancer Research</i> , 2012, 32, 2947-57.	0.5	16
70	Benzoxazole-based Zn(II) and Cu(II) Complexes Overcome Multidrug-resistance in Cancer. <i>Anticancer Research</i> , 2018, 38, 6181-6187.	0.5	15
71	Antimicrobial, Anticancer and Multidrug-Resistant Reversing Activity of Novel Oxygen-, Sulfur- and Selenoflavones and Bioisosteric Analogues. <i>Pharmaceuticals</i> , 2020, 13, 453.	1.7	15
72	Modulation of multidrug efflux pump activity by new hydantoin derivatives on colon adenocarcinoma cells without inducing apoptosis. <i>Anticancer Research</i> , 2011, 31, 3285-8.	0.5	15

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73	Physiological characterisation of the efflux pump system of antibiotic-susceptible and multidrug-resistant <i>Enterobacter aerogenes</i> . <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 313-318.	1.1	14
74	Bioactive compounds from the African medicinal plant <i>Cleistocholamys kirkii</i> as resistance modifiers in bacteria. <i>Phytotherapy Research</i> , 2018, 32, 1039-1046.	2.8	14
75	Bioactive Segetane, Ingenane, and Jatrophone Diterpenes from <i>Euphorbia taurinensis</i> . <i>Planta Medica</i> , 2018, 84, 729-735.	0.7	14
76	Comparative solution and structural studies of half-sandwich rhodium and ruthenium complexes bearing curcumin and acetylacetone. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 91-100.	1.5	14
77	Antifibrotic effect of mitomycin on human vocal cord fibroblasts. <i>Laryngoscope</i> , 2019, 129, E255-E262.	1.1	14
78	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. <i>Marine Drugs</i> , 2021, 19, 475.	2.2	14
79	Identification of Important Compounds Isolated from Natural Sources that Have Activity Against Multidrug-resistant Cancer Cell Lines: Effects on Proliferation, Apoptotic Mechanism and the Efflux Pump Responsible for Multi-resistance Phenotype. <i>Anticancer Research</i> , 2016, 36, 5665-5672.	0.5	14
80	Highly Antiproliferative Latonduine and Indolo[2,3- <i>c</i>]quinoline Derivatives: Complex Formation with Copper(II) Markedly Changes the Kinase Inhibitory Profile. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2238-2261.	2.9	14
81	Alkylated monoterpene indole alkaloid derivatives as potent P-glycoprotein inhibitors in resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112985.	2.6	13
82	Antimicrobial, Multidrug Resistance Reversal and Biofilm Formation Inhibitory Effect of <i>Origanum majorana</i> Extracts, Essential Oil and Monoterpenes. <i>Plants</i> , 2022, 11, 1432.	1.6	13
83	New Chalcone Derivative Inhibits ABCB1 in Multidrug Resistant T-cell Lymphoma and Colon Adenocarcinoma Cells. <i>Anticancer Research</i> , 2019, 39, 6499-6505.	0.5	12
84	Pharmacophoric features for a very potent 5- <i>spirofluorenylhydantoin</i> inhibitor of cancer efflux pump ABCB1, based on X-ray analysis. <i>Chemical Biology and Drug Design</i> , 2019, 93, 844-853.	1.5	12
85	The interaction between resistance modifiers such as pyrido[3,2- <i>g</i>]quinoline, aza-oxafluorene and pregnane derivatives with DNA, plasmid DNA and tRNA. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 195-202.	2.6	11
86	Dually Acting Nonclassical 1,4-Dihydropyridines Promote the Anti-Tuberculosis (Tb) Activities of Clofazimine. <i>Molecules</i> , 2019, 24, 2873.	1.7	11
87	Benzoxazole-Based Metal Complexes to Reverse Multidrug Resistance in Bacteria. <i>Antibiotics</i> , 2020, 9, 649.	1.5	11
88	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
89	Antimicrobial Activity of a Library of Thioxanthenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , 2021, 14, 572.	1.7	11
90	Cyano- and Ketone-Containing Selenoesters as Multi-Target Compounds against Resistant Cancers. <i>Cancers</i> , 2021, 13, 4563.	1.7	11

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91	Pharmaceutical and Safety Profile Evaluation of Novel Selenocompounds with Noteworthy Anticancer Activity. <i>Pharmaceutics</i> , 2022, 14, 367.	2.0	11
92	The Role of Efflux Pumps and Environmental pH in Bacterial Multidrug Resistance. <i>In Vivo</i> , 2020, 34, 65-71.	0.6	10
93	Insight into the Anticancer Activity of Copper(II) 5-Methylenetriethylammonium-Thiosemicarbazones and Their Interaction with Organic Cation Transporters. <i>Biomolecules</i> , 2020, 10, 1213.	1.8	10
94	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
95	Demonstration of the activity of P-glycoprotein by a semi-automated fluorometric method. <i>Anticancer Research</i> , 2009, 29, 2173-7.	0.5	10
96	Fluorimetric Methods for Analysis of Permeability, Drug Transport Kinetics, and Inhibition of the ABCB1 Membrane Transporter. <i>Methods in Molecular Biology</i> , 2016, 1395, 87-103.	0.4	9
97	<i>In Vitro</i> Evaluation of the Multidrug Resistance Reversing Activity of Novel Imidazo[4,5-b]pyridine Derivatives. <i>Anticancer Research</i> , 2018, 38, 3999-4003.	0.5	9
98	Solution equilibrium, structural and cytotoxicity studies on Ru(η -6-p-cymene) and copper complexes of pyrazolyl thiosemicarbazones. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110883.	1.5	9
99	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
100	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
101	Complex formation of an estrone-salicylaldehyde semicarbazone hybrid with copper(II) and gallium(III): Solution equilibria and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2021, 220, 111468.	1.5	9
102	The activity of 16 new hydantoin compounds on the intrinsic and overexpressed efflux pump system of <i>Staphylococcus aureus</i> . <i>In Vivo</i> , 2012, 26, 223-9.	0.6	9
103	Multidrug resistance reversing activity of newly developed phenothiazines on P-glycoprotein (ABCB1)-related resistance of mouse T-lymphoma cells. <i>Anticancer Research</i> , 2014, 34, 1737-41.	0.5	9
104	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
105	Synthesis, structural elucidation and biological evaluations of new guanidine-containing terpenoids as anticancer agents. <i>Natural Product Research</i> , 2019, 33, 3052-3056.	1.0	8
106	Coumarin-Based Triapine Derivatives and Their Copper(II) Complexes: Synthesis, Cytotoxicity and mR2 RNR Inhibition Activity. <i>Biomolecules</i> , 2021, 11, 862.	1.8	8
107	Exploring the Monoterpene Indole Alkaloid Scaffold for Reversing P-Glycoprotein-Mediated Multidrug Resistance in Cancer. <i>Pharmaceutics</i> , 2021, 14, 862.	1.7	8
108	Standard operating procedure (SOP) for disk diffusion-based quorum sensing inhibition assays. <i>Acta Pharmaceutica Hungarica</i> , 2020, 89, 117-125.	0.2	8

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109	8-Hydroxyquinoline-Amino Acid Hybrids and Their Half-Sandwich Rh and Ru Complexes: Synthesis, Anticancer Activities, Solution Chemistry and Interaction with Biomolecules. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11281.	1.8	8
110	Triterpenes from <i>Pholiota populnea</i> as Cytotoxic Agents and Chemosensitizers to Overcome Multidrug Resistance of Cancer Cells. <i>Journal of Natural Products</i> , 2022, 85, 910-916.	1.5	8
111	Solution Equilibrium Studies on Salicylidene Aminoguanidine Schiff Base Metal Complexes: Impact of the Hybridization with L-Proline on Stability, Redox Activity and Cytotoxicity. <i>Molecules</i> , 2022, 27, 2044.	1.7	8
112	Cucurbalsaminones ^{14}C , Rearranged Triterpenoids with a 5/6/3/6/5-Fused Pentacyclic Carbon Skeleton from <i>Momordica balsamina</i> , as Multidrug Resistance Reversers. <i>Journal of Natural Products</i> , 2019, 82, 2138-2143.	1.5	7
113	Effective MDR reversers through phytochemical study of <i>Euphorbia boetica</i> . <i>Phytochemical Analysis</i> , 2019, 30, 498-511.	1.2	7
114	Triterpenes and Phenolic Compounds from the Fungus <i>Fuscoporia torulosa</i> : Isolation, Structure Determination and Biological Activity. <i>Molecules</i> , 2021, 26, 1657.	1.7	7
115	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. <i>Anticancer Research</i> , 2018, 38, 4577-4584.	0.5	6
116	Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria. <i>In Vivo</i> , 2016, 30, 813-818.	0.6	6
117	A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis. <i>Sci</i> , 2022, 4, 4.	1.8	6
118	New diarylpentanoids and chalcones as potential antimicrobial adjuvants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 67, 128743.	1.0	6
119	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. <i>Marine Drugs</i> , 2022, 20, 315.	2.2	6
120	Bacterial Models for Tumor Development. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004, 51, 321-332.	0.4	5
121	Phenothiazines and Selenocompounds: A Potential Novel Combination Therapy of Multidrug Resistant Cancer. <i>Anticancer Research</i> , 2020, 40, 4921-4928.	0.5	5
122	In vitro adjuvant antitumor activity of various classes of semi-synthetic poststerone derivatives. <i>Bioorganic Chemistry</i> , 2021, 106, 104485.	2.0	5
123	Enantioselectivity of Chiral Derivatives of Xanthenes in Virulence Effects of Resistant Bacteria. <i>Pharmaceuticals</i> , 2021, 14, 1141.	1.7	5
124	Evaluation of cucurbitane-type triterpenoids from <i>Momordica balsamina</i> on P-glycoprotein (ABCB1) by flow cytometry and real-time fluorometry. <i>Anticancer Research</i> , 2009, 29, 3989-93.	0.5	5
125	Application of partially aromatic ortho-quinone-methides for the synthesis of novel naphthoxazines with improved antibacterial activity. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114391.	2.6	5
126	Sequential Responses of Bacteria to Noxious Agents (Antibiotics) Leading To Accumulation of Mutations and Permanent Resistance. <i>Biochemistry & Pharmacology: Open Access</i> , 2012, 01, .	0.2	4

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127	The Search for Histamine H ₄ Receptor Ligands with Anticancer Activity among Novel (Thio)urea Derivatives. <i>ChemistrySelect</i> , 2019, 4, 10943-10952.	0.7	4
128	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
129	Increased antibacterial properties of indoline-derived phenolic Mannich bases. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113459.	2.6	4
130	Efflux pump inhibiting properties of racemic phenothiazine derivatives and their enantiomers on the bacterial AcrAB-TolC system. <i>In Vivo</i> , 2014, 28, 1071-5.	0.6	4
131	A comparative study on the complex formation of 2-aminoestradiol and 2-aminophenol with divalent metal ions: Solution chemistry and anticancer activity. <i>Journal of Molecular Structure</i> , 2022, 1261, 132858.	1.8	4
132	The Antimotility Action of a Trifluoromethyl Ketone on Some Gram-negative Bacteria. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004, 51, 351-358.	0.4	3
133	Squalenoylated Nanoparticle Pro-Drugs of Adjuvant Antitumor 11 β -Hydroxycysteroid 2,3-Acetonides Act as Cytoprotective Agents Against Doxorubicin and Paclitaxel. <i>Frontiers in Pharmacology</i> , 2020, 11, 552088.	1.6	3
134	2-oxo-1,2-dihydroquinoline-4-carboxylic acid derivatives as potent modulators of ABCB1-related drug resistance of mouse T-lymphoma cells. <i>Chemical Data Collections</i> , 2020, 29, 100501.	1.1	3
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