Gabriella Spengler

List of Publications by Year
in descending order

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153 papers	3,295 citations	147801 31 h-index	214800 47 g-index
161 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. Molecules, 2017, 22, 468.	3.8	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. International Journal of Antimicrobial Agents, 2008, 31, 198-208.	2.5	124
3	Identification and Antimicrobial Susceptibility Testing of Anaerobic Bacteria: Rubikâ€™s Cube of Clinical Microbiology?. Antibiotics, 2017, 6, 25.	3.7	109
4	Efflux pumps of Gram-negative bacteria: what they do, how they do it, with what and how to deal with them. Frontiers in Pharmacology, 2014, 4, 168.	3.5	108
5	Biological activity of persimmon (Diospyros kaki) peel extracts. Phytotherapy Research, 2003, 17, 495-500.	5.8	87
6	Possible Biological and Clinical Applications of Phenothiazines. Anticancer Research, 2017, 37, 5983-5993.	1.1	73
7	The Mechanism of Plasmid Curing in Bacteria. Current Drug Targets, 2006, 7, 823-841.	2.1	72
8	Evaluation of Efflux Activity of Bacteria by a Semi-automated Fluorometric System. Methods in Molecular Biology, 2010, 642, 159-172.	0.9	66
9	Organoselenium Compounds as Novel Adjuvants of Chemotherapy Drugsâ€”A Promising Approach to Fight Cancer Drug Resistance. Molecules, 2019, 24, 336.	3.8	65
10	Inhibition of efflux pumps in meticillin-resistant Staphylococcus aureus and Enterococcus faecalis resistant strains by triterpenoids from Momordica balsamina. International Journal of Antimicrobial Agents, 2011, 37, 70-74.	2.5	61
11	Selenoesters and selenoanhydrides as novel multidrug resistance reversing agents: A confirmation study in a colon cancer MDR cell line. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 797-802.	2.2	60
12	Repurposing old drugs to fight multidrug resistant cancers. Drug Resistance Updates, 2020, 52, 100713.	14.4	60
13	Biological activity of barbados cherry (acerola fruits, fruit of Malpighia emarginata DC) extracts and fractions. Phytotherapy Research, 2004, 18, 212-223.	5.8	58
14	Silver nanoparticles modulate ABC transporter activity and enhance chemotherapy in multidrug resistant cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 601-610.	3.3	54
15	pH Modulation of Efflux Pump Activity of Multi-Drug Resistant Escherichia coli: Protection During Its Passage and Eventual Colonization of the Colon. PLoS ONE, 2009, 4, e6656.	2.5	53
16	Identification of selenocompounds with promising properties to reverse cancer multidrug resistance. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2821-2824.	2.2	53
17	Nigella sativa essential oil and its bioactive compounds as resistance modifiers against Staphylococcus aureus. Phytotherapy Research, 2019, 33, 1010-1018.	5.8	48
18	Structureâ€“antiproliferative activity studies on<scp>l</scp>-proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(<scp>ii</scp>), palladium(<scp>ii</scp>) and copper(<scp>ii</scp>) complexes. Dalton Transactions, 2016, 45, 13427-13439.	3.3	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. Current Drug Targets, 2008, 9, 760-778.	2.1	41
20	Role of calcium in the efflux system of Escherichia coli. International Journal of Antimicrobial Agents, 2011, 37, 410-414.	2.5	41
21	Jatrophane diterpenes and cancer multidrug resistance â€“ ABCB1 efflux modulation and selective cell death induction. Phytomedicine, 2016, 23, 968-978.	5.3	41
22	The Role of Drug Repurposing in the Development of Novel Antimicrobial Drugs: Non-Antibiotic Pharmacological Agents as Quorum Sensing-Inhibitors. Antibiotics, 2019, 8, 270.	3.7	41
23	Coumarin derivatives with tumor-specific cytotoxicity and multidrug resistance reversal activity. In Vivo, 2005, 19, 705-11.	1.3	41
24	The Anticancer Activity of the Old Neuroleptic Phenothiazine-type Drug Thioridazine. Anticancer Research, 2016, 36, 5701-5706.	1.1	40
25	Terpenoids from Euphorbia pedroi as Multidrug-Resistance Reversers. Journal of Natural Products, 2018, 81, 2032-2040.	3.0	37
26	Coreâ€“shell nanoparticles suppress metastasis and modify the tumour-supportive activity of cancer-associated fibroblasts. Journal of Nanobiotechnology, 2020, 18, 18.	9.1	37
27	Phenothiazines, bacterial efflux pumps and targeting the macrophage for enhanced killing of intracellular XDRTB. In Vivo, 2010, 24, 409-24.	1.3	35
28	Improving the MDR reversal activity of 6,17-epoxylathyrane diterpenes. Bioorganic and Medicinal Chemistry, 2014, 22, 6392-6400.	3.0	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. Bioorganic and Medicinal Chemistry, 2016, 24, 2815-2822.	3.0	33
30	Antiproliferative and cytotoxic activities of furocoumarins of Ducrosia anethifolia. Pharmaceutical Biology, 2018, 56, 658-664.	2.9	33
31	Synthesis and characterization of Sr and Mg-doped hydroxyapatite by a simple precipitation method. Ceramics International, 2018, 44, 22976-22982.	4.8	33
32	Ethidium bromide efflux by Salmonella: modulation by metabolic energy, pH, ions and phenothiazines. International Journal of Antimicrobial Agents, 2011, 38, 140-145.	2.5	32
33	Epoxylathyrol Derivatives: Modulation of ABCB1-Mediated Multidrug Resistance in Human Colon Adenocarcinoma and Mouse T-Lymphoma Cells. Journal of Natural Products, 2015, 78, 2215-2228.	3.0	30
34	Dregamine and tabernaemontanine derivatives as ABCB1 modulators on resistant cancer cells. European Journal of Medicinal Chemistry, 2017, 128, 247-257.	5.5	30
35	Antiviral, Antimicrobial and Antibiofilm Activity of Selenoesters and Selenoanhydrides. Molecules, 2019, 24, 4264.	3.8	30
36	Discovery of phenylselenoether-hydantoin hybrids as ABCB1 efflux pump modulating agents with cytotoxic and antiproliferative actions in resistant T-lymphoma. European Journal of Medicinal Chemistry, 2020, 200, 112435.	5.5	30

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37	Evaluation of the Antimicrobial and Antivirulent Potential of Essential Oils Isolated from Juniperus oxycedrus L. ssp. macrocarpa Aerial Parts. Microorganisms, 2022, 10, 758.	3.6	29
38	Selenium and tellurium in the development of novel small molecules and nanoparticles as cancer multidrug resistance reversal agents. Drug Resistance Updates, 2022, 63, 100844.	14.4	29
39	Physicochemical attack against solid tumors based on the reversal of direction of entropy flow: an attempt to introduce thermodynamics in anticancer therapy. Diagnostic Pathology, 2006, 1, 43.	2.0	28
40	Antibacterial and Resistance Modifying Activities of Nigella sativa Essential Oil and its Active Compounds Against Listeria monocytogenes. In Vivo, 2018, 32, 737-743.	1.3	28
41	An AcrAB-mediated multidrug-resistant phenotype is maintained following restoration of wild-type activities by efflux pump genes and their regulators. International Journal of Antimicrobial Agents, 2009, 34, 602-604.	2.5	27
42	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. Molecules, 2019, 24, 1487.	3.8	26
43	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. Anticancer Research, 2010, 30, 4867-71.	1.1	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. International Journal of Antimicrobial Agents, 2003, 22, 223-227.	2.5	25
45	Inhibitory action of a new proton pump inhibitor, trifluoromethyl ketone derivative, against the motility of clarithromycin-susceptible and-resistant Helicobacter pylori. International Journal of Antimicrobial Agents, 2004, 23, 631-633.	2.5	24
46	Exploring Jolkinol D Derivatives To Overcome Multidrug Resistance in Cancer. Journal of Natural Products, 2017, 80, 1411-1420.	3.0	24
47	Comparative solution equilibrium and structural studies of half-sandwich ruthenium(II)(Î·6-toluene) complexes of picolinate derivatives. Journal of Inorganic Biochemistry, 2018, 181, 74-85.	3.5	24
48	Xanthones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. Antibiotics, 2021, 10, 600.	3.7	24
49	Thioridazine induces apoptosis of multidrug-resistant mouse lymphoma cells transfected with the human ABCB1 and inhibits the expression of P-glycoprotein. Anticancer Research, 2011, 31, 4201-5.	1.1	24
50	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. New Journal of Chemistry, 2019, 43, 6021-6031.	2.8	23
51	Biological activity of twenty-three hydantoin derivatives on intrinsic efflux pump system of Salmonella enterica serovar Enteritidis NCTC 13349. In Vivo, 2011, 25, 769-72.	1.3	23
52	Interactions of Schiff base compounds and their coordination complexes with the drug cisplatin. New Journal of Chemistry, 2018, 42, 5834-5843.	2.8	22
53	Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines. Anticancer Research, 2015, 35, 3245-51.	1.1	22
54	Genetic response of Salmonella enterica serotype Enteritidis to thioridazine rendering the organism resistant to the agent. International Journal of Antimicrobial Agents, 2012, 39, 16-21.	2.5	21

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55	Effects of a series of dihydroanthracene derivatives on drug efflux in multidrug resistant cancer cells. European Journal of Medicinal Chemistry, 2003, 38, 253-263.	5.5	20
56	Biofilm Eradication by Symmetrical Selenoesters for Food-Borne Pathogens. Microorganisms, 2020, 8, 566.	3.6	19
57	The coordination modes of (thio)semicarbazone copper(II) complexes strongly modulate the solution chemical properties and mechanism of anticancer activity. Journal of Inorganic Biochemistry, 2022, 231, 111786.	3.5	19
58	Infectious Plasmid Resistance and Efflux Pump Mediated Resistance. Acta Microbiologica Et Immunologica Hungarica, 2004, 51, 333-349.	0.8	18
59	Coordination compounds of a hydrazone derivative with Co(<scp>iii</scp>), Ni(<scp>ii</scp>), Cu(<scp>ii</scp>) and Zn(<scp>ii</scp>): synthesis, characterization, reactivity assessment and biological evaluation. New Journal of Chemistry, 2016, 40, 5885-5895.	2.8	18
60	Selenoesters and Selenoanhydrides as Novel Agents Against Resistant Breast Cancer. Anticancer Research, 2019, 39, 3777-3783.	1.1	18
61	Ketone- and Cyano-Selenoesters to Overcome Efflux Pump, Quorum-Sensing, and Biofilm-Mediated Resistance. Antibiotics, 2020, 9, 896.	3.7	18
62	Salicylaldehyde thiosemicarbazone copper complexes: impact of hybridization with estrone on cytotoxicity, solution stability and redox activity. New Journal of Chemistry, 2020, 44, 12154-12168.	2.8	18
63	An 8-hydroxyquinolineâ€“proline hybrid with multidrug resistance reversal activity and the solution chemistry of its half-sandwich organometallic Ru and Rh complexes. Dalton Transactions, 2020, 49, 7977-7992.	3.3	18
64	Synergistic interaction between proton pump inhibitors and resistance modifiers: promoting effects of antibiotics and plasmid curing. In Vivo, 2006, 20, 367-72.	1.3	18
65	Novel latonduine derived proligands and their copper(<scp>ii</scp>) complexes show cytotoxicity in the nanomolar range in human colon adenocarcinoma cells and in vitro cancer selectivity. Dalton Transactions, 2019, 48, 10464-10478.	3.3	17
66	Ultrasound absorption and entropy production in biological tissue: a novel approach to anticancer therapy. Diagnostic Pathology, 2006, 1, 35.	2.0	16
67	Nitrogen-containing naringenin derivatives for reversing multidrug resistance in cancer. Bioorganic and Medicinal Chemistry, 2020, 28, 115798.	3.0	16
68	Pedrolane, a Polycyclic Diterpene Scaffold Containing a Bicyclo[2.2.1]heptane System, from Euphorbia pedroi. Organic Letters, 2021, 23, 274-278.	4.6	16
69	Inhibitors of bacterial efflux pumps that also inhibit efflux pumps of cancer cells. Anticancer Research, 2012, 32, 2947-57.	1.1	16
70	Benzoxazole-based Zn(II) and Cu(II) Complexes Overcome Multidrug-resistance in Cancer. Anticancer Research, 2018, 38, 6181-6187.	1.1	15
71	Antimicrobial, Anticancer and Multidrug-Resistant Reversing Activity of Novel Oxygen-, Sulfur- and Selenoflavones and Bioisosteric Analogues. Pharmaceuticals, 2020, 13, 453.	3.8	15
72	Modulation of multidrug efflux pump activity by new hydantoin derivatives on colon adenocarcinoma cells without inducing apoptosis. Anticancer Research, 2011, 31, 3285-8.	1.1	15

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73	Physiological characterisation of the efflux pump system of antibiotic-susceptible and multidrug-resistant Enterobacter aerogenes. International Journal of Antimicrobial Agents, 2010, 36, 313-318.	2.5	14
74	Bioactive compounds from the African medicinal plant Cleistochlamys kirkii as resistance modifiers in bacteria. Phytotherapy Research, 2018, 32, 1039-1046.	5.8	14
75	Bioactive Segetane, Ingenane, and Jatrophane Diterpenes from Euphorbia taurinensis. Planta Medica, 2018, 84, 729-735.	1.3	14
76	Comparative solution and structural studies of half-sandwich rhodium and ruthenium complexes bearing curcumin and acetylacetone. Journal of Inorganic Biochemistry, 2019, 195, 91-100.	3.5	14
77	Antifibrotic effect of mitomycinâ€€ on human vocal cord fibroblasts. Laryngoscope, 2019, 129, E255-E262.	2.0	14
78	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. Marine Drugs, 2021, 19, 475.	4.6	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. Anticancer Research, 2016, 36, 5665-5672.	1.1	14
80	Highly Antiproliferative Latonduine and Indolo[2,3-c]quinoline Derivatives: Complex Formation with Copper(II) Markedly Changes the Kinase Inhibitory Profile. Journal of Medicinal Chemistry, 2022, 65, 2238-2261.	6.4	14
81	Alkylated monoterpene indole alkaloid derivatives as potent P-glycoprotein inhibitors in resistant cancer cells. European Journal of Medicinal Chemistry, 2021, 210, 112985.	5.5	13
82	Antimicrobial, Multidrug Resistance Reversal and Biofilm Formation Inhibitory Effect of Origanum majorana Extracts, Essential Oil and Monoterpenes. Plants, 2022, 11, 1432.	3.5	13
83	New Chalcone Derivative Inhibits ABCB1 in Multidrug Resistant T-cell Lymphoma and Colon Adenocarcinoma Cells. Anticancer Research, 2019, 39, 6499-6505.	1.1	12
84	Pharmacophoric features for a very potent 5â€spirofluorenehydantoin inhibitor of cancer efflux pump <scp>ABCB</scp>1, based on Xâ€ray analysis. Chemical Biology and Drug Design, 2019, 93, 844-853.	3.2	12
85	The interaction between resistance modifiers such as pyrido[3,2-g]quinoline, aza-oxafluorene and pregnane derivatives with DNA, plasmid DNA and tRNA. European Journal of Medicinal Chemistry, 2005, 40, 195-202.	5.5	11
86	Dually Acting Nonclassical 1,4-Dihydropyridines Promote the Anti-Tuberculosis (Tb) Activities of Clofazimine. Molecules, 2019, 24, 2873.	3.8	11
87	Benzoxazole-Based Metal Complexes to Reverse Multidrug Resistance in Bacteria. Antibiotics, 2020, 9, 649.	3.7	11
88	Search for ABCB1 Modulators Among 2-Amine-5-Arylideneimidazolones as a New Perspective to Overcome Cancer Multidrug Resistance. Molecules, 2020, 25, 2258.	3.8	11
89	Antimicrobial Activity of a Library of Thioxanthones and Their Potential as Efflux Pump Inhibitors. Pharmaceuticals, 2021, 14, 572.	3.8	11
90	Cyano- and Ketone-Containing Selenoesters as Multi-Target Compounds against Resistant Cancers. Cancers, 2021, 13, 4563.	3.7	11

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91	Pharmaceutical and Safety Profile Evaluation of Novel Selenocompounds with Noteworthy Anticancer Activity. Pharmaceutics, 2022, 14, 367.	4.5	11
92	The Role of Efflux Pumps and Environmental pH in Bacterial Multidrug Resistance. In Vivo, 2020, 34, 65-71.	1.3	10
93	Insight into the Anticancer Activity of Copper(II) 5-Methylenetrimethylammonium-Thiosemicarbazonates and Their Interaction with Organic Cation Transporters. Biomolecules, 2020, 10, 1213.	4.0	10
94	Comparison of Solution Chemical Properties and Biological Activity of Ruthenium Complexes of Selected Î²-Diketone, 8-Hydroxyquinoline and Pyrithione Ligands. Pharmaceuticals, 2021, 14, 518.	3.8	10
95	Demonstration of the activity of P-glycoprotein by a semi-automated fluorometric method. Anticancer Research, 2009, 29, 2173-7.	1.1	10
96	Fluorimetric Methods for Analysis of Permeability, Drug Transport Kinetics, and Inhibition of the ABCB1 Membrane Transporter. Methods in Molecular Biology, 2016, 1395, 87-103.	0.9	9
97	In Vitro Evaluation of the Multidrug Resistance Reversing Activity of Novel Imidazo[4,5-b]pyridine Derivatives. Anticancer Research, 2018, 38, 3999-4003.	1.1	9
98	Solution equilibrium, structural and cytotoxicity studies on Ru(Î·6-p-cymene) and copper complexes of pyrazolyl thiosemicarbazones. Journal of Inorganic Biochemistry, 2020, 202, 110883.	3.5	9
99	N-Substituted piperazine derivatives as potential multitarget agents acting on histamine H3 receptor and cancer resistance proteins. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127522.	2.2	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. Bioorganic Chemistry, 2021, 109, 104735.	4.1	9
101	Complex formation of an estrone-salicylaldehyde semicarbazone hybrid with copper(II) and gallium(III): Solution equilibria and biological activity. Journal of Inorganic Biochemistry, 2021, 220, 111468.	3.5	9
102	The activity of 16 new hydantoin compounds on the intrinsic and overexpressed efflux pump system of Staphylococcus aureus. In Vivo, 2012, 26, 223-9.	1.3	9
103	Multidrug resistance reversing activity of newly developed phenothiazines on P-glycoprotein (ABCB1)-related resistance of mouse T-lymphoma cells. Anticancer Research, 2014, 34, 1737-41.	1.1	9
104	Bioactive Compounds of Nigella sativa Essential Oil as Antibacterial Agents against Chlamydia trachomatis D. Microorganisms, 2019, 7, 370.	3.6	8
105	Synthesis, structural elucidation and biological evaluations of new guanidine-containing terpenoids as anticancer agents. Natural Product Research, 2019, 33, 3052-3056.	1.8	8
106	Coumarin-Based Triapine Derivatives and Their Copper(II) Complexes: Synthesis, Cytotoxicity and mR2 RNR Inhibition Activity. Biomolecules, 2021, 11, 862.	4.0	8
107	Exploring the Monoterpene Indole Alkaloid Scaffold for Reversing P-Glycoprotein-Mediated Multidrug Resistance in Cancer. Pharmaceuticals, 2021, 14, 862.	3.8	8
108	Standard operating procedure (SOP) for disk diffusion-based quorum sensing inhibition assays. Acta Pharmaceutica Hungarica, 2020, 89, 117-125.	0.1	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. International Journal of Molecular Sciences, 2021, 22, 11281.	4.1	8
110	Triterpenes from Pholiota populnea as Cytotoxic Agents and Chemosensitizers to Overcome Multidrug Resistance of Cancer Cells. Journal of Natural Products, 2022, 85, 910-916.	3.0	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. Molecules, 2022, 27, 2044.	3.8	8
112	Cucurbalsaminones Aâ€“C, Rearranged Triterpenoids with a 5/6/3/6/5-Fused Pentacyclic Carbon Skeleton from Momordica balsamina, as Multidrug Resistance Reversers. Journal of Natural Products, 2019, 82, 2138-2143.	3.0	7
113	Effective MDR reversers through phytochemical study of Euphorbia boetica. Phytochemical Analysis, 2019, 30, 498-511.	2.4	7
114	Triterpenes and Phenolic Compounds from the Fungus Fuscoporia torulosa: Isolation, Structure Determination and Biological Activity. Molecules, 2021, 26, 1657.	3.8	7
115	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. Anticancer Research, 2018, 38, 4577-4584.	1.1	6
116	Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria. In Vivo, 2016, 30, 813-818.	1.3	6
117	A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis. Sci, 2022, 4, 4.	3.0	6
118	New diarylpentanoids and chalcones as potential antimicrobial adjuvants. Bioorganic and Medicinal Chemistry Letters, 2022, 67, 128743.	2.2	6
119	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. Marine Drugs, 2022, 20, 315.	4.6	6
120	Bacterial Models for Tumor Development. Acta Microbiologica Et Immunologica Hungarica, 2004, 51, 321-332.	0.8	5
121	Phenothiazines and Selenocompounds: A Potential Novel Combination Therapy of Multidrug Resistant Cancer. Anticancer Research, 2020, 40, 4921-4928.	1.1	5
122	In vitro adjuvant antitumor activity of various classes of semi-synthetic poststerone derivatives. Bioorganic Chemistry, 2021, 106, 104485.	4.1	5
123	Enantioselectivity of Chiral Derivatives of Xanthones in Virulence Effects of Resistant Bacteria. Pharmaceuticals, 2021, 14, 1141.	3.8	5
124	Evaluation of cucurbitane-type triterpenoids from Momordica balsamina on P-glycoprotein (ABCB1) by flow cytometry and real-time fluorometry. Anticancer Research, 2009, 29, 3989-93.	1.1	5
125	Application of partially aromatic ortho-quionone-methides for the synthesis of novel naphthoxazines with improved antibacterial activity. European Journal of Medicinal Chemistry, 2022, 237, 114391.	5.5	5
126	Sequential Responses of Bacteria to Noxious Agents (Antibiotics) Leading To Accumulation of Mutations and Permanent Resistance. Biochemistry & Pharmacology: Open Access, 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. ChemistrySelect, 2019, 4, 10943-10952.	1.5	4
128	Computerâ€Aided Search for 5â€Arylideneimidazolone Anticancer Agents Able To Overcome ABCB1â€Based Multidrug Resistance. ChemMedChem, 2021, 16, 2386-2401.	3.2	4
129	Increased antibacterial properties of indoline-derived phenolic Mannich bases. European Journal of Medicinal Chemistry, 2021, 220, 113459.	5.5	4
130	Efflux pump inhibiting properties of racemic phenothiazine derivatives and their enantiomers on the bacterial AcrAB-TolC system. In Vivo, 2014, 28, 1071-5.	1.3	4
131	A comparative study on the complex formation of 2-aminoestradiol and 2-aminophenol with divalent metal ions: Solution chemistry and anticancer activity. Journal of Molecular Structure, 2022, 1261, 132858.	3.6	4
132	The Antimotility Action of a Trifluoromethyl Ketone on Some Gram-negative Bacteria. Acta Microbiologica Et Immunologica Hungarica, 2004, 51, 351-358.	0.8	3
133	Squalenoylated Nanoparticle Pro-Drugs of Adjuvant Antitumor 11Î±-Hydroxyecdysteroid 2,3-Acetonides Act as Cytoprotective Agents Against Doxorubicin and Paclitaxel. Frontiers in Pharmacology, 2020, 11, 552088.	3.5	3
134	2-oxo-1,2-dihydroquinoline-4-carboxylic acid derivatives as potent modulators of ABCB1-related drug resistance of mouse T-lymphoma cells. Chemical Data Collections, 2020, 29, 100501.	2.3	3
135	Antiproliferative Phenanthrenes from Juncus tenuis: Isolation and Diversity-Oriented Semisynthetic Modification. Molecules, 2020, 25, 5983.	3.8	3
136	Activity of fourteen new hydantoin compounds on the human ABCB1 efflux pump. In Vivo, 2012, 26, 293-7.	1.3	3
137	Ketone-selenoesters as potential anticancer and multidrug resistance modulation agents in 2D and 3D ovarian and breast cancer in vitro models. Scientific Reports, 2022, 12, 6548.	3.3	3
138	Polyoxypregnane Ester Derivatives and Lignans from Euphorbia gossypina var. coccinea Pax.. Plants, 2022, 11, 1299.	3.5	3
139	Juncaceae Species as Promising Sources of Phenanthrenes: Antiproliferative Compounds from Juncus maritimus Lam. Molecules, 2021, 26, 999.	3.8	2
140	The Mechanism by which the Phenothiazine Thioridazine Contributes to Cure Problematic Drug-Resistant Forms of Pulmonary Tuberculosis: Recent Patents for â€œNew Useâ€• Recent Patents on Anti-infective Drug Discovery, 2014, 8, 206-212.	0.8	2
141	Prevention of VP-16 Resistance by a Disiloxane, SILA409: Effects of SILA409 on the Expression of GRP78 in NCI-H446 Human Small Cell Lung Cancer Cells. Letters in Drug Design and Discovery, 2011, 8, 691-697.	0.7	2
142	Substituted steroidal compounds containing amino and amido groups reverse multidrug resistance of mouse T-lymphoma and two human prostate cancer cell lines in vitro. Anticancer Research, 2015, 35, 2105-12.	1.1	2
143	Fluorinated Î²-Diketo Phosphorus Ylides Are Novel Inhibitors of the ABCB1 Efflux Pump of Cancer Cells. Anticancer Research, 2015, 35, 5915-9.	1.1	2
144	Unique Phenanthrenes from Juncus ensifolius and Their Antiproliferative and Synergistic Effects with the Conventional Anticancer Agent Doxorubicin against Human Cancer Cell Lines. Pharmaceutics, 2022, 14, 608.	4.5	2

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145	The Release of a Highly Cytotoxic Paullone Bearing a TEMPO Free Radical from the HSA Hydrogel: An EPR Spectroscopic Characterization. Pharmaceutics, 2022, 14, 1174.	4.5	2
146	Synthesis, characterization, thermal properties and biological activity of diazine-ring containing hydrazones and their metal complexes. Journal of Thermal Analysis and Calorimetry, 2022, 147, 229-242.	3.6	1
147	The Relationship between Antibiotic Susceptibility and pH in the Case of Uropathogenic Bacteria. Antibiotics, 2021, 10, 1431.	3.7	1
148	Discovery of a novel class of small-molecule antibacterial agents against Staphylococcus aureus. Future Medicinal Chemistry, 2022, 14, 299-305.	2.3	1
149	Attempts to Reduce Drug Resistance of Bacteria and Cancer Cells. Hungarian Medical Journal, 2007, 1, 109-125.	0.0	0
150	Diversity-Oriented Synthesis Catalyzed by Diethylaminosulfur-Trifluorideâ€"Preparation of New Antitumor Ecdysteroid Derivatives. International Journal of Molecular Sciences, 2022, 23, 3447.	4.1	0
151	Pholiols A-D and other triterpenes from Pholiota populnea and their activity against colon carcinoma. Planta Medica, 2021, 87, .	1.3	0
152	Ambrosia artemisiifolia szeszkviterpÃ©n-laktonjainak antiproliferatÃv Ã©s citotoxikus hatÃ¡sai humÃ¡n adenokarcinÃ³ma Ã©s normÃ¡l sejtvonalakon. , 2022, , .		0
153	TriterpÃ©n vegyÃ¼letek a tÃ¶lgyfa-kÃ©rgestaplÃ³bÃ³l (Buglossoporus quercinus). , 2022, , .		0