

Gabriella Spengler

List of Publications by Citations

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145
papers

2,178
citations

25
h-index

39
g-index

161
ext. papers

2,728
ext. citations

4.8
avg, IF

5.11
L-index

#	Paper	IF	Citations
145	New Roads Leading to Old Destinations: Efflux Pumps as Targets to Reverse Multidrug Resistance in Bacteria. <i>Molecules</i> , 2017 , 22,	4.8	110
144	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	14.3	98
143	Identification and Antimicrobial Susceptibility Testing of Anaerobic Bacteria: Rubik® Cube of Clinical Microbiology?. <i>Antibiotics</i> , 2017 , 6,	4.9	74
142	Biological activity of persimmon (<i>Diospyros kaki</i>) peel extracts. <i>Phytotherapy Research</i> , 2003 , 17, 495-500	6.7	72
141	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
140	The mechanism of plasmid curing in bacteria. <i>Current Drug Targets</i> , 2006 , 7, 823-41	3	57
139	Evaluation of efflux activity of bacteria by a semi-automated fluorometric system. <i>Methods in Molecular Biology</i> , 2010 , 642, 159-72	1.4	51
138	Possible Biological and Clinical Applications of Phenothiazines. <i>Anticancer Research</i> , 2017 , 37, 5983-5993	3.3	51
137	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, 70-4	14.3	50
136	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, 212-23	6.7	49
135	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
134	Organoselenium Compounds as Novel Adjuvants of Chemotherapy Drugs-A Promising Approach to Fight Cancer Drug Resistance. <i>Molecules</i> , 2019 , 24,	4.8	44
133	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
132	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	3.7	42
131	Silver nanoparticles modulate ABC transporter activity and enhance chemotherapy in multidrug resistant cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 601-610	6	40
130	Structure-antiproliferative activity studies on l-proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(ii), palladium(ii) and copper(ii) complexes. <i>Dalton Transactions</i> , 2016 , 45, 13427-39	4.3	38
129	Coumarin derivatives with tumor-specific cytotoxicity and multidrug resistance reversal activity. <i>In Vivo</i> , 2005 , 19, 705-11	2.3	36

128	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, 760-78	3	35
127	Jatrophane diterpenes and cancer multidrug resistance - ABCB1 efflux modulation and selective cell death induction. <i>Phytomedicine</i> , 2016 , 23, 968-78	6.5	33
126	Phenothiazines, bacterial efflux pumps and targeting the macrophage for enhanced killing of intracellular XDRTB. <i>In Vivo</i> , 2010 , 24, 409-24	2.3	30
125	Repurposing old drugs to fight multidrug resistant cancers. <i>Drug Resistance Updates</i> , 2020 , 52, 100713	23.2	29
124	Nigella sativa essential oil and its bioactive compounds as resistance modifiers against Staphylococcus aureus. <i>Phytotherapy Research</i> , 2019 , 33, 1010-1018	6.7	27
123	Improving the MDR reversal activity of 6,17-epoxylathyrane diterpenes. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 6392-400	3.4	27
122	Role of calcium in the efflux system of Escherichia coli. <i>International Journal of Antimicrobial Agents</i> , 2011 , 37, 410-4	14.3	27
121	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
120	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. <i>Anticancer Research</i> , 2010 , 30, 4867-71	2.3	25
119	Dregamine and tabernaemontanine derivatives as ABCB1 modulators on resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017 , 128, 247-257	6.8	24
118	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
117	Epoxylythyrol Derivatives: Modulation of ABCB1-Mediated Multidrug Resistance in Human Colon Adenocarcinoma and Mouse T-Lymphoma Cells. <i>Journal of Natural Products</i> , 2015 , 78, 2215-28	4.9	23
116	Core-shell nanoparticles suppress metastasis and modify the tumour-supportive activity of cancer-associated fibroblasts. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 18	9.4	23
115	The Anticancer Activity of the Old Neuroleptic Phenothiazine-type Drug Thioridazine. <i>Anticancer Research</i> , 2016 , 36, 5701-5706	2.3	23
114	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, 602-4	14.3	22
113	Terpenoids from Euphorbia pedroi as Multidrug-Resistance Reversers. <i>Journal of Natural Products</i> , 2018 , 81, 2032-2040	4.9	22
112	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	2.3	22
111	Antibacterial and Resistance Modifying Activities of Essential Oil and its Active Compounds Against. <i>In Vivo</i> , 2018 , 32, 737-743	2.3	21

110	Ethidium bromide efflux by Salmonella: modulation by metabolic energy, pH, ions and phenothiazines. <i>International Journal of Antimicrobial Agents</i> , 2011 , 38, 140-5	14.3	20
109	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	3	20
108	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, 631-3	14.3	20
107	Effects of a series of dihydroanthracene derivatives on drug efflux in multidrug resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2003 , 38, 253-63	6.8	20
106	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	2.3	20
105	Interactions of Schiff base compounds and their coordination complexes with the drug cisplatin. <i>New Journal of Chemistry</i> , 2018 , 42, 5834-5843	3.6	19
104	Comparative solution equilibrium and structural studies of half-sandwich ruthenium(II)(Etoluene) complexes of picolinate derivatives. <i>Journal of Inorganic Biochemistry</i> , 2018 , 181, 74-85	4.2	19
103	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. <i>Molecules</i> , 2019 , 24,	4.8	18
102	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, 223-7	14.3	18
101	Antiviral, Antimicrobial and Antibiofilm Activity of Selenoesters and Selenoanhydrides. <i>Molecules</i> , 2019 , 24,	4.8	18
100	Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines. <i>Anticancer Research</i> , 2015 , 35, 3245-51	2.3	18
99	Exploring Jolkinol D Derivatives To Overcome Multidrug Resistance in Cancer. <i>Journal of Natural Products</i> , 2017 , 80, 1411-1420	4.9	16
98	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	14.3	16
97	Synthesis and characterization of Sr and Mg-doped hydroxyapatite by a simple precipitation method. <i>Ceramics International</i> , 2018 , 44, 22976-22982	5.1	16
96	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. <i>New Journal of Chemistry</i> , 2019 , 43, 6021-6031	3.6	14
95	Antiproliferative and cytotoxic activities of furocoumarins of <i>Ducrosia anethifolia</i> . <i>Pharmaceutical Biology</i> , 2018 , 56, 658-664	3.8	14
94	Synergistic interaction between proton pump inhibitors and resistance modifiers: promoting effects of antibiotics and plasmid curing. <i>In Vivo</i> , 2006 , 20, 367-72	2.3	14
93	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	6.8	13

92	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	2.3	13
91	Inhibitors of bacterial efflux pumps that also inhibit efflux pumps of cancer cells. <i>Anticancer Research</i> , 2012 , 32, 2947-57	2.3	13
90	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	3.6	12
89	Selenoesters and Selenoanhydrides as Novel Agents Against Resistant Breast Cancer. <i>Anticancer Research</i> , 2019 , 39, 3777-3783	2.3	12
88	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, 313-8	14.3	12
87	Infectious plasmid resistance and efflux pump mediated resistance. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004 , 51, 333-49	1.8	12
86	Coordination compounds of a hydrazone derivative with Co(III), Ni(II), Cu(II) and Zn(II): synthesis, characterization, reactivity assessment and biological evaluation. <i>New Journal of Chemistry</i> , 2016 , 40, 5885-5895	3.6	12
85	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	4.2	11
84	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
83	Ultrasound absorption and entropy production in biological tissue: a novel approach to anticancer therapy. <i>Diagnostic Pathology</i> , 2006 , 1, 35	3	11
82	Novel latonduine derived proligands and their copper(ii) complexes show cytotoxicity in the nanomolar range in human colon adenocarcinoma cells and in vitro cancer selectivity. <i>Dalton Transactions</i> , 2019 , 48, 10464-10478	4.3	10
81	Biofilm Eradication by Symmetrical Selenoesters for Food-Borne Pathogens. <i>Microorganisms</i> , 2020 , 8,	4.9	10
80	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	2.3	10
79	Demonstration of the activity of P-glycoprotein by a semi-automated fluorometric method. <i>Anticancer Research</i> , 2009 , 29, 2173-7	2.3	10
78	Benzoxazole-based Zn(II) and Cu(II) Complexes Overcome Multidrug-resistance in Cancer. <i>Anticancer Research</i> , 2018 , 38, 6181-6187	2.3	9
77	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	1.4	8
76	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	4.3	8
75	Nitrogen-containing naringenin derivatives for reversing multidrug resistance in cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115798	3.4	8

74	Xanthenes Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. <i>Antibiotics</i> , 2021 , 10,	4.9	8
73	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	2.3	8
72	Bioactive Segetane, Ingenane, and Jatrophone Diterpenes from <i>Euphorbia taurinensis</i> . <i>Planta Medica</i> , 2018 , 84, 729-735	3.1	7
71	Solution equilibrium, structural and cytotoxicity studies on Ru(η -cymene) and copper complexes of pyrazolyl thiosemicarbazones. <i>Journal of Inorganic Biochemistry</i> , 2020 , 202, 110883	4.2	7
70	Ketone- and Cyano-Selenoesters to Overcome Efflux Pump, Quorum-Sensing, and Biofilm-Mediated Resistance. <i>Antibiotics</i> , 2020 , 9,	4.9	7
69	Antifibrotic effect of mitomycin-C on human vocal cord fibroblasts. <i>Laryngoscope</i> , 2019 , 129, E255-E262	3.6	7
68	Evaluation of the Multidrug Resistance Reversing Activity of Novel Imidazo[4,5-b]pyridine Derivatives. <i>Anticancer Research</i> , 2018 , 38, 3999-4003	2.3	7
67	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	2.3	7
66	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. <i>Anticancer Research</i> , 2018 , 38, 4577-4584	2.3	6
65	Dually Acting Nonclassical 1,4-Dihydropyridines Promote the Anti-Tuberculosis (Tb) Activities of Clofazimine. <i>Molecules</i> , 2019 , 24,	4.8	6
64	Insight into the Anticancer Activity of Copper(II) 5-Methylenetrimethylammonium-Thiosemicarbazones and Their Interaction with Organic Cation Transporters. <i>Biomolecules</i> , 2020 , 10,	5.9	6
63	Pharmacophoric features for a very potent 5-spirofluorenehydantoin inhibitor of cancer efflux pump ABCB1, based on X-ray analysis. <i>Chemical Biology and Drug Design</i> , 2019 , 93, 844-853	2.9	6
62	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	4.2	6
61	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
60	The interaction between resistance modifiers such as pyrido[3,2-g]quinoline, aza-oxafluorene and pregnane derivatives with DNA, plasmid DNA and tRNA. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 195-202	6.8	5
59	Standard operating procedure (SOP) for disk diffusion-based quorum sensing inhibition assays. <i>Acta Pharmaceutica Hungarica</i> , 2020 , 89, 117-125	1.9	5
58	Benzoxazole-Based Metal Complexes to Reverse Multidrug Resistance in Bacteria. <i>Antibiotics</i> , 2020 , 9,	4.9	5
57	Antimicrobial, Anticancer and Multidrug-Resistant Reversing Activity of Novel Oxygen-, Sulfur- and Selenoflavones and Bioisosteric Analogues. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	5

56	New Chalcone Derivative Inhibits ABCB1 in Multidrug Resistant T-cell Lymphoma and Colon Adenocarcinoma Cells. <i>Anticancer Research</i> , 2019 , 39, 6499-6505	2.3	5
55	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
54	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
53	Bioactive Compounds of Essential Oil as Antibacterial Agents against <i>D. Microorganisms</i> , 2019 , 7,	4.9	4
52	Effective MDR reversers through phytochemical study of <i>Euphorbia boetica</i> . <i>Phytochemical Analysis</i> , 2019 , 30, 498-511	3.4	4
51	Cucurbalsaminones A-C, Rearranged Triterpenoids with a 5/6/3/6/5-Fused Pentacyclic Carbon Skeleton from , as Multidrug Resistance Reversers. <i>Journal of Natural Products</i> , 2019 , 82, 2138-2143	4.9	4
50	Bacterial models for tumor development. Mini-review. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004 , 51, 321-32	1.8	4
49	Pedrolane, a Polycyclic Diterpene Scaffold Containing a Bicyclo[2.2.1]heptane System, from. <i>Organic Letters</i> , 2021 , 23, 274-278	6.2	4
48	The Role of Efflux Pumps and Environmental pH in Bacterial Multidrug Resistance. <i>In Vivo</i> , 2020 , 34, 65-71	3	4
47	Phenothiazines and Selenocompounds: A Potential Novel Combination Therapy of Multidrug Resistant Cancer. <i>Anticancer Research</i> , 2020 , 40, 4921-4928	2.3	4
46	Synthesis, structural elucidation and biological evaluations of new guanidine-containing terpenoids as anticancer agents. <i>Natural Product Research</i> , 2019 , 33, 3052-3056	2.3	4
45	Alkylated monoterpene indole alkaloid derivatives as potent P-glycoprotein inhibitors in resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2021 , 210, 112985	6.8	4
44	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. <i>Marine Drugs</i> , 2021 , 19,	6	4
43	Cyano- and Ketone-Containing Selenoesters as Multi-Target Compounds against Resistant Cancers. <i>Cancers</i> , 2021 , 13,	6.6	4
42	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	2.3	4
41	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	2.3	4
40	The Search for Histamine H4 Receptor Ligands with Anticancer Activity among Novel (Thio)urea Derivatives. <i>ChemistrySelect</i> , 2019 , 4, 10943-10952	1.8	3
39	Pharmaceutical and Safety Profile Evaluation of Novel Selenocompounds with Noteworthy Anticancer Activity.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	3

38	Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria. <i>In Vivo</i> , 2016 , 30, 813-817	2.3	3
37	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
36	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
35	Coumarin-Based Triapine Derivatives and Their Copper(II) Complexes: Synthesis, Cytotoxicity and mR2 RNR Inhibition Activity. <i>Biomolecules</i> , 2021 , 11,	5.9	3
34	Sequential Responses of Bacteria to Noxious Agents (Antibiotics) Leading To Accumulation of Mutations and Permanent Resistance. <i>Biochemistry & Pharmacology: Open Access</i> , 2012 , 01,		2
33	The antimotility action of a trifluoromethyl ketone on some gram-negative bacteria. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004 , 51, 351-8	1.8	2
32	Highly Antiproliferative Latonduine and Indolo[2,3-]quinoline Derivatives: Complex Formation with Copper(II) Markedly Changes the Kinase Inhibitory Profile.. <i>Journal of Medicinal Chemistry</i> , 2022 , 65, 2238-2261 ²	8.3	2
31	The mechanism by which the phenothiazine thioridazine contributes to cure problematic drug-resistant forms of pulmonary tuberculosis: recent patents for "new use". <i>Recent Patents on Anti-infective Drug Discovery</i> , 2013 , 8, 206-12	1.6	2
30	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,	6.3	2
29	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	5.6	2
28	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
27	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	2.1	2
26	Antiproliferative Phenanthrenes from : Isolation and Diversity-Oriented Semisynthetic Modification. <i>Molecules</i> , 2020 , 25,	4.8	2
25	Antimicrobial Activity of a Library of Thioxanthenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
24	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 ²	4.2	2
23	In vitro adjuvant antitumor activity of various classes of semi-synthetic poststerone derivatives. <i>Bioorganic Chemistry</i> , 2021 , 106, 104485	5.1	2
22	Exploring the Monoterpene Indole Alkaloid Scaffold for Reversing P-Glycoprotein-Mediated Multidrug Resistance in Cancer. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
21	Increased antibacterial properties of indoline-derived phenolic Mannich bases. <i>European Journal of Medicinal Chemistry</i> , 2021 , 220, 113459	6.8	2

20	Activity of fourteen new hydantoin compounds on the human ABCB1 efflux pump. <i>In Vivo</i> , 2012 , 26, 293-7	2.3	2
19	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,	4.8	2
18	A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis. <i>Sci</i> , 2022 , 4, 4	0.7	1
17	Triterpenes and Phenolic Compounds from the Fungus : Isolation, Structure Determination and Biological Activity. <i>Molecules</i> , 2021 , 26,	4.8	1
16	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
15	Bacterial Antibiotic Resistance		1
14	Substituted steroidal compounds containing amino and amido groups reverse multidrug resistance of mouse T-lymphoma and two human prostate cancer cell lines in vitro. <i>Anticancer Research</i> , 2015 , 35, 2105-12	2.3	1
13	Fluorinated β -diketo Phosphorus Ylides Are Novel Inhibitors of the ABCB1 Efflux Pump of Cancer Cells. <i>Anticancer Research</i> , 2015 , 35, 5915-9	2.3	1
12	Unique Phenanthrenes from and Their Antiproliferative and Synergistic Effects with the Conventional Anticancer Agent Doxorubicin against Human Cancer Cell Lines.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
11	New diarylpentanoids and chalcones as potential antimicrobial adjuvants.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022 , 67, 128743	2.9	1
10	Ketone-selenoesters as potential anticancer and multidrug resistance modulation agents in 2D and 3D ovarian and breast cancer in vitro models.. <i>Scientific Reports</i> , 2022 , 12, 6548	4.9	1
9	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	3.4	0
8	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	6.8	0
7	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. <i>Marine Drugs</i> , 2022 , 20, 315	6	0
6	Polyoxypregnane Ester Derivatives and Lignans from <i>Euphorbia gossypina</i> var. <i>coccinea</i> Pax.. <i>Plants</i> , 2022 , 11, 1299	4.5	0
5	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	4.5	0
4	The Release of a Highly Cytotoxic Paullone Bearing a TEMPO Free Radical from the HSA Hydrogel: An EPR Spectroscopic Characterization. <i>Pharmaceutics</i> , 2022 , 14, 1174	6.4	0
3	Attempts to Reduce Drug Resistance of Bacteria and Cancer Cells. <i>Hungarian Medical Journal</i> , 2007 , 1, 109-125		

- 2 Synthesis, characterization, thermal properties and biological activity of diazine-ring containing hydrazones and their metal complexes. *Journal of Thermal Analysis and Calorimetry*, **2020**, 1 4.1
- 1 Pholiols A-D and other triterpenes from *Pholiota populnea* and their activity against colon carcinoma. *Planta Medica*, **2021**, 87, 3.1