

Gabriella Spengler

List of Publications by Year in Descending Order

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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.

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	A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis. <i>Sci</i> , 2022 , 4, 4	0.7	1
144	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	261 ²
143	Pharmaceutical and Safety Profile Evaluation of Novel Selenocompounds with Noteworthy Anticancer Activity.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	3
142	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
141	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
140	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
139	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
138	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
137	New diarylpentanoids and chalcones as potential antimicrobial adjuvants.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022 , 67, 128743	2.9	1
136	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
135	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
134	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. <i>Marine Drugs</i> , 2022 , 20, 315	6	0
133	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
132	Polyoxypregnane Ester Derivatives and Lignans from <i>Euphorbia gossypina</i> var. <i>coccinea</i> Pax.. <i>Plants</i> , 2022 , 11, 1299	4.5	0
131	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
130	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
129	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

128	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
127	Triterpenes and Phenolic Compounds from the Fungus : Isolation, Structure Determination and Biological Activity. <i>Molecules</i> , 2021 , 26,	4.8	1
126	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
125	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
124	Xanthones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. <i>Antibiotics</i> , 2021 , 10,	4.9	8
123	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
122	Antimicrobial Activity of a Library of Thioxanthonenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
121	Coumarin-Based Triapine Derivatives and Their Copper(II) Complexes: Synthesis, Cytotoxicity and mR2 RNR Inhibition Activity. <i>Biomolecules</i> , 2021 , 11,	5.9	3
120	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	4.2	2
119	In vitro adjuvant antitumor activity of various classes of semi-synthetic poststerone derivatives. <i>Bioorganic Chemistry</i> , 2021 , 106, 104485	5.1	2
118	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
117	Exploring the Monoterpene Indole Alkaloid Scaffold for Reversing P-Glycoprotein-Mediated Multidrug Resistance in Cancer. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
116	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. <i>Marine Drugs</i> , 2021 , 19,	6	4
115	Increased antibacterial properties of indoline-derived phenolic Mannich bases. <i>European Journal of Medicinal Chemistry</i> , 2021 , 220, 113459	6.8	2
114	Cyano- and Ketone-Containing Selenoesters as Multi-Target Compounds against Resistant Cancers. <i>Cancers</i> , 2021 , 13,	6.6	4
113	Pholiols A-D and other triterpenes from <i>Pholiota populnea</i> and their activity against colon carcinoma. <i>Planta Medica</i> , 2021 , 87,	3.1	
112	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
111	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

110	Repurposing old drugs to fight multidrug resistant cancers. <i>Drug Resistance Updates</i> , 2020 , 52, 100713	23.2	29
109	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
108	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
107	Biofilm Eradication by Symmetrical Selenoesters for Food-Borne Pathogens. <i>Microorganisms</i> , 2020 , 8,	4.9	10
106	Standard operating procedure (SOP) for disk diffusion-based quorum sensing inhibition assays. <i>Acta Pharmaceutica Hungarica</i> , 2020 , 89, 117-125	1.9	5
105	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
104	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
103	The Role of Efflux Pumps and Environmental pH in Bacterial Multidrug Resistance. <i>In Vivo</i> , 2020 , 34, 65-71	2.1	4
102	Squalenoylated Nanoparticle Pro-Drugs of Adjuvant Antitumor 11 β -Hydroxycdysteroid 2,3-Acetonides Act as Cytoprotective Agents Against Doxorubicin and Paclitaxel. <i>Frontiers in Pharmacology</i> , 2020 , 11, 552088	5.6	2
101	Benzoxazole-Based Metal Complexes to Reverse Multidrug Resistance in Bacteria. <i>Antibiotics</i> , 2020 , 9,	4.9	5
100	Phenothiazines and Selenocompounds: A Potential Novel Combination Therapy of Multidrug Resistant Cancer. <i>Anticancer Research</i> , 2020 , 40, 4921-4928	2.3	4
99	Nitrogen-containing naringenin derivatives for reversing multidrug resistance in cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115798	3.4	8
98	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
97	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
96	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	
95	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
94	Ketone- and Cyano-Selenoesters to Overcome Efflux Pump, Quorum-Sensing, and Biofilm-Mediated Resistance. <i>Antibiotics</i> , 2020 , 9,	4.9	7
93	Antimicrobial, Anticancer and Multidrug-Resistant Reversing Activity of Novel Oxygen-, Sulfur- and Selenoflavones and Bioisosteric Analogues. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	5

92	Antiproliferative Phenanthrenes from : Isolation and Diversity-Oriented Semisynthetic Modification. <i>Molecules</i> , 2020 , 25,	4.8	2
91	Bioactive Compounds of Essential Oil as Antibacterial Agents against D. <i>Microorganisms</i> , 2019 , 7,	4.9	4
90	Organoselenium Compounds as Novel Adjuvants of Chemotherapy Drugs-A Promising Approach to Fight Cancer Drug Resistance. <i>Molecules</i> , 2019 , 24,	4.8	44
89	<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
88	Effective MDR reversers through phytochemical study of <i>Euphorbia boetica</i> . <i>Phytochemical Analysis</i> , 2019 , 30, 498-511	3.4	4
87	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
86	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. <i>Molecules</i> , 2019 , 24,	4.8	18
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	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. <i>New Journal of Chemistry</i> , 2019 , 43, 6021-6031	3.6	14
83	Dually Acting Nonclassical 1,4-Dihydropyridines Promote the Anti-Tuberculosis (Tb) Activities of Clofazimine. <i>Molecules</i> , 2019 , 24,	4.8	6
82	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
81	Selenoesters and Selenoanhydrides as Novel Agents Against Resistant Breast Cancer. <i>Anticancer Research</i> , 2019 , 39, 3777-3783	2.3	12
80	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
79	Antiviral, Antimicrobial and Antibiofilm Activity of Selenoesters and Selenoanhydrides. <i>Molecules</i> , 2019 , 24,	4.8	18
78	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
77	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
76	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
75	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

74	Antifibrotic effect of mitomycin-C on human vocal cord fibroblasts. <i>Laryngoscope</i> , 2019 , 129, E255-E262	3.6	7
73	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
72	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
71	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
70	Bioactive Segetane, Ingenane, and Jatrophane Diterpenes from <i>Euphorbia taurinensis</i> . <i>Planta Medica</i> , 2018 , 84, 729-735	3.1	7
69	Exocyclic Sulfur and Selenoorganic Compounds Towards Their Anticancer Effects: Crystallographic and Biological Studies. <i>Anticancer Research</i> , 2018 , 38, 4577-4584	2.3	6
68	Benzoxazole-based Zn(II) and Cu(II) Complexes Overcome Multidrug-resistance in Cancer. <i>Anticancer Research</i> , 2018 , 38, 6181-6187	2.3	9
67	Antiproliferative and cytotoxic activities of furocoumarins of <i>Ducrosia anethifolia</i> . <i>Pharmaceutical Biology</i> , 2018 , 56, 658-664	3.8	14
66	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
65	Terpenoids from <i>Euphorbia pedroi</i> as Multidrug-Resistance Reversers. <i>Journal of Natural Products</i> , 2018 , 81, 2032-2040	4.9	22
64	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
63	Antibacterial and Resistance Modifying Activities of Essential Oil and its Active Compounds Against. <i>In Vivo</i> , 2018 , 32, 737-743	2.3	21
62	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
61	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
60	Exploring Jolkinol D Derivatives To Overcome Multidrug Resistance in Cancer. <i>Journal of Natural Products</i> , 2017 , 80, 1411-1420	4.9	16
59	New Roads Leading to Old Destinations: Efflux Pumps as Targets to Reverse Multidrug Resistance in Bacteria. <i>Molecules</i> , 2017 , 22,	4.8	110
58	Identification and Antimicrobial Susceptibility Testing of Anaerobic Bacteria: Rubik's Cube of Clinical Microbiology?. <i>Antibiotics</i> , 2017 , 6,	4.9	74
57	Possible Biological and Clinical Applications of Phenothiazines. <i>Anticancer Research</i> , 2017 , 37, 5983-5993	3.3	51

56	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
55	Jatrophone diterpenes and cancer multidrug resistance - ABCB1 efflux modulation and selective cell death induction. <i>Phytomedicine</i> , 2016 , 23, 968-78	6.5	33
54	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
53	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
52	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
51	The Anticancer Activity of the Old Neuroleptic Phenothiazine-type Drug Thioridazine. <i>Anticancer Research</i> , 2016 , 36, 5701-5706	2.3	23
50	Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria. <i>In Vivo</i> , 2016 , 30, 813-817	2.3	3
49	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
48	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
47	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
46	Epoxyalthyrrol 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
45	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
44	Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines. <i>Anticancer Research</i> , 2015 , 35, 3245-51	2.3	18
43	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
42	Improving the MDR reversal activity of 6,17-epoxyalthyrane diterpenes. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 6392-400	3.4	27
41	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
40	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
39	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

38	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
37	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
36	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
35	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
34	Activity of fourteen new hydantoin compounds on the human ABCB1 efflux pump. <i>In Vivo</i> , 2012 , 26, 293-7	2.3	2
33	Inhibitors of bacterial efflux pumps that also inhibit efflux pumps of cancer cells. <i>Anticancer Research</i> , 2012 , 32, 2947-57	2.3	13
32	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
31	Role of calcium in the efflux system of <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2011 , 37, 410-4	14.3	27
30	Ethidium bromide efflux by <i>Salmonella</i> : modulation by metabolic energy, pH, ions and phenothiazines. <i>International Journal of Antimicrobial Agents</i> , 2011 , 38, 140-5	14.3	20
29	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
28	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
27	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
26	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
25	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
24	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
23	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. <i>Anticancer Research</i> , 2010 , 30, 4867-71	2.3	25
22	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
21	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

20	Demonstration of the activity of P-glycoprotein by a semi-automated fluorometric method. <i>Anticancer Research</i> , 2009 , 29, 2173-7	2.3	10
19	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
18	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
17	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
16	Attempts to Reduce Drug Resistance of Bacteria and Cancer Cells. <i>Hungarian Medical Journal</i> , 2007 , 1, 109-125		
15	The mechanism of plasmid curing in bacteria. <i>Current Drug Targets</i> , 2006 , 7, 823-41	3	57
14	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
13	Ultrasound absorption and entropy production in biological tissue: a novel approach to anticancer therapy. <i>Diagnostic Pathology</i> , 2006 , 1, 35	3	11
12	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
11	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
10	Coumarin derivatives with tumor-specific cytotoxicity and multidrug resistance reversal activity. <i>In Vivo</i> , 2005 , 19, 705-11	2.3	36
9	Bacterial models for tumor development. Mini-review. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004 , 51, 321-32	1.8	4
8	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
7	Infectious plasmid resistance and efflux pump mediated resistance. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2004 , 51, 333-49	1.8	12
6	Biological activity of barbados cherry (acerola fruits, fruit of <i>Malpighia emarginata</i> DC) extracts and fractions. <i>Phytotherapy Research</i> , 2004 , 18, 212-23	6.7	49
5	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
4	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
3	Biological activity of persimmon (<i>Diospyros kaki</i>) peel extracts. <i>Phytotherapy Research</i> , 2003 , 17, 495-500.	6.7	72

- 2 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, 223-7 14.3 18

1 Bacterial Antibiotic Resistance

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