

Marian Hajduch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4710328/publications.pdf>

Version: 2024-02-01

330
papers

8,806
citations

57631

44
h-index

62479

80
g-index

344
all docs

344
docs citations

344
times ranked

14463
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological activities of natural triterpenoids and their therapeutic implications. <i>Natural Product Reports</i> , 2006, 23, 394.	5.2	587
2	Alcohol-abuse drug disulfiram targets cancer via p97 segregase adaptor NPL4. <i>Nature</i> , 2017, 552, 194-199.	13.7	516
3	YAP regulates cell mechanics by controlling focal adhesion assembly. <i>Nature Communications</i> , 2017, 8, 15321.	5.8	431
4	Novel markers for differentiation of lobular and ductal invasive breast carcinomas by laser microdissection and microarray analysis. <i>BMC Cancer</i> , 2007, 7, 55.	1.1	341
5	Clinical Relevance of KRAS in Human Cancers. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-13.	3.0	255
6	Aurora kinase inhibitors: Progress towards the clinic. <i>Investigational New Drugs</i> , 2012, 30, 2411-2432.	1.2	201
7	The Expression of Three Genes in Primary Non-Small Cell Lung Cancer Is Associated with Metastatic Spread to the Brain. <i>Clinical Cancer Research</i> , 2009, 15, 1755-1761.	3.2	167
8	4-Arylazo-3,5-diamino-1H-pyrazole CDK Inhibitors: SAR Study, Crystal Structure in Complex with CDK2, Selectivity, and Cellular Effects. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6500-6509.	2.9	166
9	Genetic Markers in Triple-Negative Breast Cancer. <i>Clinical Breast Cancer</i> , 2018, 18, e841-e850.	1.1	148
10	MiR-195, miR-196b, miR-181c, miR-21 expression levels and CpG methylguanine-DNA methyltransferase methylation status are associated with clinical outcome in glioblastoma patients. <i>Cancer Science</i> , 2011, 102, 2186-2190.	1.7	145
11	Human virus detection with graphene-based materials. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112436.	5.3	140
12	Synthesis of A-Seco Derivatives of Betulinic Acid with Cytotoxic Activity. <i>Journal of Natural Products</i> , 2004, 67, 1100-1105.	1.5	116
13	MEG3: a novel long noncoding potentially tumour-suppressing RNA in meningiomas. <i>Journal of Neuro-Oncology</i> , 2013, 112, 1-8.	1.4	109
14	Multicentre validation of a microRNA-based assay for diagnosing indeterminate thyroid nodules utilising fine needle aspirate smears. <i>Journal of Clinical Pathology</i> , 2017, 70, 500-507.	1.0	103
15	Fenretinide Corrects Newly Found Ceramide Deficiency in Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 47-56.	1.4	102
16	Synthesis and Significant Cytostatic Activity of 7-Hetaryl-7-deazaadenosines. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5498-5507.	2.9	101
17	Nucleosidic DNA demethylating epigenetic drugs – A comprehensive review from discovery to clinic. , 2018, 188, 45-79.		91
18	Cystic Fibrosis Fatty Acid Imbalance Is Linked to Ceramide Deficiency and Corrected by Fenretinide. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 100-106.	1.4	90

#	ARTICLE	IF	CITATIONS
19	Prognostic value of Bmi-1 oncoprotein expression in NSCLC patients: a tissue microarray study. <i>Journal of Cancer Research and Clinical Oncology</i> , 2008, 134, 1037-1042.	1.2	89
20	Synthesis of phthalates of betulinic acid and betulin with cytotoxic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3447-3454.	1.4	87
21	Herbal Composition PC-SPES for Management of Prostate Cancer: Identification of Active Principles. <i>Journal of the National Cancer Institute</i> , 2002, 94, 1275-1280.	3.0	84
22	New Lupane Derived Compounds with Pro-Apoptotic Activity in Cancer Cells: Synthesis and Structure-Activity Relationships. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 5402-5415.	2.9	83
23	Prediction of colorectal cancer diagnosis based on circulating plasma proteins. <i>EMBO Molecular Medicine</i> , 2015, 7, 1166-1178.	3.3	80
24	AURORA KINASES: STRUCTURE, FUNCTIONS AND THEIR ASSOCIATION WITH CANCER. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2008, 152, 27-33.	0.2	79
25	The status and role of ErbB receptors in human cancer. <i>Experimental and Molecular Pathology</i> , 2008, 84, 79-89.	0.9	77
26	Anticancer activity of natural cytokinins: A structure-activity relationship study. <i>Phytochemistry</i> , 2010, 71, 1350-1359.	1.4	77
27	Magnetically Assisted Surface-Enhanced Raman Scattering Selective Determination of Dopamine in an Artificial Cerebrospinal Fluid and a Mouse Striatum Using Fe ₃ O ₄ /Ag Nanocomposite. <i>Analytical Chemistry</i> , 2014, 86, 2939-2946.	3.2	77
28	Triterpenoid Pyrazines and Benzopyrazines with Cytotoxic Activity. <i>Journal of Natural Products</i> , 2007, 70, 526-532.	1.5	73
29	6-(Het)aryl-7-Deazapurine Ribonucleosides as Novel Potent Cytostatic Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 460-470.	2.9	73
30	Disulfiram's anti-cancer activity reflects targeting NPL4, not inhibition of aldehyde dehydrogenase. <i>Oncogene</i> , 2019, 38, 6711-6722.	2.6	72
31	New derivatives of silybin and 2,3-dehydrosilybin and their cytotoxic and P-glycoprotein modulatory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3793-3810.	1.4	68
32	Synthesis, Cytostatic, Antimicrobial, and Anti-HCV Activity of 6-Substituted 7-(Het)aryl-7-deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1097-1110.	2.9	63
33	MicroRNAs and glioblastoma: roles in core signalling pathways and potential clinical implications. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1636-1644.	1.6	61
34	Imaging of <i>Pseudomonas aeruginosa</i> infection with Ga-68 labelled pyoverdine for positron emission tomography. <i>Scientific Reports</i> , 2018, 8, 15698.	1.6	56
35	Cytotoxic heterocyclic triterpenoids derived from betulin and betulinic acid. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3666-3674.	1.4	55
36	Pathophysiologically relevant in vitro tumor models for drug screening. <i>Drug Discovery Today</i> , 2015, 20, 848-855.	3.2	54

#	ARTICLE	IF	CITATIONS
37	Metallacarborane Sulfamides: Unconventional, Specific, and Highly Selective Inhibitors of Carbonic Anhydrase IX. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9560-9575.	2.9	51
38	Influence of esterification and modification of A-ring in a group of lupane acids on their cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5527-5535.	1.4	50
39	⁶⁸ Ga-labelled desferrioxamine-B for bacterial infection imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 372-382.	3.3	50
40	Non-invasive prognostic protein biomarker signatures associated with colorectal cancer. <i>EMBO Molecular Medicine</i> , 2015, 7, 1153-1165.	3.3	49
41	Synthesis and biological activity evaluation of hydrazone derivatives based on a Tröger's base skeleton. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1651-1659.	1.4	49
42	Proteomics approach in classifying the biochemical basis of the anticancer activity of the new olomoucine-derived synthetic cyclin-dependent kinase inhibitor, boheminine. <i>Electrophoresis</i> , 2000, 21, 3757-3764.	1.3	48
43	Increased lipid peroxidation and abnormal fatty acid profiles in seminal and blood plasma of normozoospermic males from infertile couples. <i>Human Reproduction</i> , 2010, 25, 308-316.	0.4	48
44	N-Glycoprotein SRMATlas. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1005-1016.	2.5	48
45	Bridging the translational innovation gap through good biomarker practice. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 587-588.	21.5	48
46	Diagnostic and prognostic potential of miR-21, miR-29c, miR-148 and miR-203 in adenocarcinoma and squamous cell carcinoma of esophagus. <i>Diagnostic Pathology</i> , 2015, 10, 42.	0.9	47
47	A comparison of Direct sequencing, Pyrosequencing, High resolution melting analysis, TheraScreen DxS, and the K-ras StripAssay for detecting KRAS mutations in non small cell lung carcinomas. <i>Journal of Experimental and Clinical Cancer Research</i> , 2012, 31, 79.	3.5	45
48	Synthetic Cyclin Dependent Kinase Inhibitors. <i>Advances in Experimental Medicine and Biology</i> , 1999, , 341-353.	0.8	45
49	Dynamic changes in microRNA expression profiles reflect progression of Barrett's esophagus to esophageal adenocarcinoma. <i>Carcinogenesis</i> , 2015, 36, 521-527.	1.3	44
50	Triple negative breast cancer - current status and prospective targeted treatment based on HER1 (EGFR), TOP2A and C-MYC gene assessment. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;</i> , Olomouc, Czechoslovakia, 2009, 153, 13-17.	0.2	43
51	3-Hydroxy-2-phenyl-4(1H)-quinolinones as Promising Biologically Active Compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009, 9, 696-702.	1.1	42
52	Caffeine-hydrazones as anticancer agents with pronounced selectivity toward T-lymphoblastic leukaemia cells. <i>Bioorganic Chemistry</i> , 2015, 60, 19-29.	2.0	42
53	Effects of Ginger Phenylpropanoids and Quercetin on Nrf2-ARE Pathway in Human BJ Fibroblasts and HaCaT Keratinocytes. <i>BioMed Research International</i> , 2016, 2016, 1-6.	0.9	42
54	Cyclocondensation reaction of heterocyclic carbonyl compounds, Part XIII: Synthesis and cytotoxic activity of some 3,7-diaryl-5-(3,4,5-trimethoxyphenyl)pyrazolo[4,3-e][1,2,4]triazines. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 891-900.	2.6	38

#	ARTICLE	IF	CITATIONS
55	Epidermal growth factor receptor (EGFR) expression and mutations in the EGFR signaling pathway in correlation with anti-EGFR therapy in head and neck squamous cell carcinomas. <i>Neoplasma</i> , 2012, 59, 508-515.	0.7	36
56	Microtubule affinity-regulating kinases are potential druggable targets for Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 4159-4169.	2.4	36
57	Cellular Senescence: Molecular Targets, Biomarkers, and Senolytic Drugs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4168.	1.8	36
58	Synthesis and cytotoxic activity of substituted 2-phenyl-3-hydroxy-4(1H)-quinolinones-7-carboxylic acids and their phenacyl esters. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 467-474.	2.6	35
59	A Synthetic Approach for the Rapid Preparation of BODIPY Conjugates and their use in Imaging of Cellular Drug Uptake and Distribution. <i>Chemistry - A European Journal</i> , 2018, 24, 4957-4966.	1.7	35
60	Biomarkers of <i>Aspergillus</i> spores: Strain typing and protein identification. <i>International Journal of Mass Spectrometry</i> , 2009, 280, 162-168.	0.7	34
61	Fenretinide differentially modulates the levels of long- and very long-chain ceramides by downregulating <i>Cers5</i> enzyme: evidence from bench to bedside. <i>Journal of Molecular Medicine</i> , 2017, 95, 1053-1064.	1.7	34
62	Synthesis and biological evaluation of triterpenoid thiazoles derived from betulonic acid, dihydrobetulonic acid, and ursonic acid. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111806.	2.6	34
63	Non-small cell lung cancer - genetic predictors. <i>Biomedical Papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia</i> , 2013, 157, 125-136.	0.2	34
64	Synthesis and Cytostatic and Antiviral Profiling of Thieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2411-2424.	2.9	33
65	Fluridil, a Rationally Designed Topical Agent for Androgenetic Alopecia: First Clinical Experience. <i>Dermatologic Surgery</i> , 2002, 28, 678-685.	0.4	32
66	Cytotoxic conjugates of betulinic acid and substituted triazoles prepared by Huisgen Cycloaddition from 30-azidoderivatives. <i>PLoS ONE</i> , 2017, 12, e0171621.	1.1	32
67	Correlation of cytotoxic activity of betulinines and their hydroxy analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4196-4200.	1.0	31
68	MiR-205 functions as a tumor suppressor in adenocarcinoma and an oncogene in squamous cell carcinoma of esophagus. <i>Tumor Biology</i> , 2016, 37, 8007-8018.	0.8	31
69	Risk Score based on microRNA expression signature is independent prognostic classifier of glioblastoma patients. <i>Carcinogenesis</i> , 2014, 35, 2756-2762.	1.3	30
70	Activation of bovine oocytes by specific inhibition of cyclin-dependent kinases. , 2000, 55, 422-432.		29
71	Complex karyotypes in childhood acute lymphoblastic leukemia: cytogenetic and molecular cytogenetic study of 21 cases. <i>Cancer Genetics and Cytogenetics</i> , 2003, 145, 161-168.	1.0	29
72	Nonribosomal cyclic peptides: specific markers of fungal infections. <i>Journal of Mass Spectrometry</i> , 2006, 41, 563-576.	0.7	29

#	ARTICLE	IF	CITATIONS
73	Functional p53 in cells contributes to the anticancer effect of the cyclinâ€dependent kinase inhibitor roscovitine. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 428-437.	1.2	29
74	Characterization of Pseudacyclins AâˆE, a Suite of Cyclic Peptides Produced by <i>Pseudallescheria boydii</i> . <i>Journal of Natural Products</i> , 2010, 73, 1027-1032.	1.5	29
75	BCL2 is an independent predictor of outcome in basal-like triple-negative breast cancers treated with adjuvant anthracycline-based chemotherapy. <i>Tumor Biology</i> , 2015, 36, 4243-4252.	0.8	29
76	Batch immunoextraction method for efficient purification of aromatic cytokinins. <i>Journal of Chromatography A</i> , 2005, 1100, 116-125.	1.8	28
77	Synthesis of 2-aryl-4-(benzimidazol-2-yl)-1,2-dihydro[1,2,4]triazino-[4,5-a]benzimidazol-1-one derivatives with preferential cytotoxicity against carcinoma cell lines. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 449-455.	2.6	28
78	Proteomic profiling reveals DNA damage, nucleolar and ribosomal stress are the main responses to oxaliplatin treatment in cancer cells. <i>Journal of Proteomics</i> , 2017, 162, 73-85.	1.2	28
79	Synthesis of cytotoxic 2,2-difluoroderivatives of dihydrobetulinic acid and allobetulin and study of their impact on cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 482-490.	2.6	27
80	7-(2-Thienyl)-7-Deazaadenosine (AB61), a New Potent Nucleoside Cytostatic with a Complex Mode of Action. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 922-937.	1.9	27
81	Preparation, preliminary screening of new types of steroid conjugates and their activities on steroid receptors. <i>Steroids</i> , 2013, 78, 356-361.	0.8	26
82	Structural Basis for Inhibition of Mycobacterial and Human Adenosine Kinase by 7-Substituted 7-(Het)aryl-7-deazaadenine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8268-8279.	2.9	26
83	Induction of apoptosis and regression of spontaneous dog melanoma following in vivo application of synthetic cyclin-dependent kinase inhibitor olomoucine. <i>Anti-Cancer Drugs</i> , 1997, 8, 1007-1013.	0.7	25
84	Fenretinide Prevents Inflammation and Airway Hyperresponsiveness in a Mouse Model of Allergic Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 783-792.	1.4	25
85	Sulfonamido carboranes as highly selective inhibitors of cancer-specific carbonic anhydrase IX. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112460.	2.6	25
86	Hepatoprotective Effect of MMP-19 Deficiency in a Mouse Model of Chronic Liver Fibrosis. <i>PLoS ONE</i> , 2012, 7, e46271.	1.1	25
87	Challenges in cancer research and multifaceted approaches for cancer biomarker quest. <i>FEBS Letters</i> , 2009, 583, 1772-1784.	1.3	24
88	Synthesis and Cytotoxic and Antiviral Profiling of Pyrrolo- and Furo-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9347-9359.	2.9	24
89	Dumbbell-shaped peripheral primitive neuroectodermal tumor of the spineâ€”case report and review of the literature. <i>Journal of Neuro-Oncology</i> , 2009, 92, 211-217.	1.4	23
90	Discrimination of circulating tumor cells of breast cancer and colorectal cancer from normal human mononuclear cells using Raman spectroscopy. <i>Analyst</i> , 2013, 138, 5983.	1.7	23

#	ARTICLE	IF	CITATIONS
91	Reproducibility of Uniform Spheroid Formation in 384-Well Plates. <i>Journal of Biomolecular Screening</i> , 2016, 21, 923-930.	2.6	23
92	Early and Non-invasive Diagnosis of Aspergillosis Revealed by Infection Kinetics Monitored in a Rat Model. <i>Frontiers in Microbiology</i> , 2018, 9, 2356.	1.5	23
93	Decreased in vitro chemosensitivity of tumour cells in patients suffering from malignant diseases with a poor prognosis. <i>Cytotechnology</i> , 1996, 19, 243-245.	0.7	22
94	MMP-19 deficiency causes aggravation of colitis due to defects in innate immune cell function. <i>Mucosal Immunology</i> , 2016, 9, 974-985.	2.7	22
95	Synthesis and antiproliferative properties of new hydrophilic esters of triterpenic acids. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 403-420.	2.6	22
96	Assessing different thiazolidine and thiazole based compounds as antileishmanial scaffolds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127616.	1.0	22
97	Influence of the Bcg Locus on Natural Resistance to Primary Infection with the Facultative Intracellular Bacterium <i>Francisella tularensis</i> in Mice. <i>Infection and Immunity</i> , 2000, 68, 1480-1484.	1.0	21
98	Cancer Cell Resistance to Aurora Kinase Inhibitors: Identification of Novel Targets for Cancer Therapy. <i>Journal of Proteome Research</i> , 2013, 12, 455-469.	1.8	21
99	Preparation of Conjugates of Cytotoxic Lupane Triterpenes with Biotin. <i>Bioconjugate Chemistry</i> , 2015, 26, 2563-2570.	1.8	21
100	Putting translational science on to a global stage. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 217-218.	21.5	21
101	Synthesis and Cytotoxic Activity of Triterpenoid Thiazoles Derived from Allobetulin, Methyl Betulonate, Methyl Oleanonate, and Oleanonic Acid. <i>ChemMedChem</i> , 2017, 12, 390-398.	1.6	21
102	Antiviral Activity of Selected Lamiaceae Essential Oils and Their Monoterpenes Against SARS-Cov-2. <i>Frontiers in Pharmacology</i> , 2022, 13, 893634.	1.6	21
103	Comblike Dendrimers Containing Tn Antigen Modulate Natural Killing and Induce the Production of Tn Specific Antibodies. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6400-6407.	2.9	20
104	Akt expression and compartmentalization in prediction of clinical outcome in HER2-positive metastatic breast cancer patients treated with trastuzumab. <i>International Journal of Oncology</i> , 2012, 41, 1204-1212.	1.4	20
105	Evaluation of HER2 Gene Status in Breast Cancer Samples with Indeterminate Fluorescence in Situ Hybridization by Quantitative Real-Time PCR. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 446-455.	1.2	20
106	Proteomics study of silver nanoparticles on Caco-2 cells. <i>Toxicology in Vitro</i> , 2018, 50, 347-372.	1.1	20
107	Cardiac amyloidosis: from clinical suspicion to morphological diagnosis. <i>Pathology</i> , 2018, 50, 261-268.	0.3	20
108	LAPATINIB IN BREAST CANCER - THE PREDICTIVE SIGNIFICANCE OF HER1 (EGFR), HER2, PTEN AND PIK3CA GENES AND LAPATINIB PLASMA LEVEL ASSESSMENT. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2010, 154, 281-288.	0.2	20

#	ARTICLE	IF	CITATIONS
109	Synthesis and cytotoxic activity of various 5-[alkoxy-(4-nitro-phenyl)-methyl]-uracils in their racemic form. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6647-6650.	1.0	19
110	Synthesis and cytotoxicity of some d-mannose click conjugates with aminobenzoic acid derivatives. <i>Carbohydrate Research</i> , 2012, 361, 1-6.	1.1	19
111	Lupane and 18 β -oleanane derivatives substituted in the position 2, their cytotoxicity and influence on cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 120-131.	2.6	19
112	Inhibitors of CA IX Enzyme Based on Polyhedral Boron Compounds. <i>ChemBioChem</i> , 2021, 22, 2741-2761.	1.3	19
113	Synthesis and anticancer activity of some 1,5-diaryl-3-(3,4,5-trihydroxyphenyl)-1H-pyrazolo[4,3-e][1,2,4]triazines. <i>Monatshefte für Chemie</i> , 2010, 141, 709-714.	0.9	18
114	Fetal colon cell line FHC exhibits tumorigenic phenotype, complex karyotype, and TP53 gene mutation. <i>Cancer Genetics and Cytogenetics</i> , 2010, 197, 107-116.	1.0	18
115	<i>i>Isocitrate dehydrogenase 1</i> and <i>i>2</i> mutations in gliomas. <i>Journal of Neuroscience Research</i>, 2014, 92, 1611-1620.</i></i>	1.3	18
116	Tau secretion and propagation: Perspectives for potential preventive interventions in Alzheimer's disease and other tauopathies. <i>Experimental Neurology</i> , 2021, 343, 113756.	2.0	18
117	Natural resistance to intracellular parasites: A study by two-dimensional gel electrophoresis coupled with multivariate analysis. <i>Electrophoresis</i> , 1998, 19, 1325-1331.	1.3	17
118	Title is missing!. <i>Transition Metal Chemistry</i> , 2000, 25, 265-269.	0.7	17
119	Cancer Cell Response to Anthracyclines Effects: Mysteries of the Hidden Proteins Associated with These Drugs. <i>International Journal of Molecular Sciences</i> , 2012, 13, 15536-15564.	1.8	17
120	6-Alkyl-, 6-aryl- or 6-hetaryl-7-deazapurine ribonucleosides as inhibitors of human or MTB adenosine kinase and potential antimycobacterial agents. <i>MedChemComm</i> , 2013, 4, 1497.	3.5	17
121	Comparison of 68Ga-labeled RGD mono- and multimers based on a clickable siderophore-based scaffold. <i>Nuclear Medicine and Biology</i> , 2019, 78-79, 1-10.	0.3	17
122	Protein Fingerprints of Anti-cancer Effects of Cyclin-dependent Kinase Inhibition: Identification of Candidate Biomarkers Using 2-D Liquid Phase Separation Coupled to Mass Spectrometry. <i>Technology in Cancer Research and Treatment</i> , 2005, 4, 447-454.	0.8	16
123	Glioblastoma multiforme with an abscess: case report and literature review. <i>Journal of Neuro-Oncology</i> , 2008, 88, 221-225.	1.4	16
124	Triterpenic azines, a new class of compounds with selective cytotoxicity to leukemia cells CCRF-CEM. <i>Future Medicinal Chemistry</i> , 2018, 10, 483-491.	1.1	16
125	<i>i>N</i>-Benzyl Substitution of Polyhydroxypyrrolidines: The Way to Selective Inhibitors of Golgi β-Mannosidase...ll. <i>ChemMedChem</i>, 2018, 13, 373-383.</i>	1.6	16
126	Estradiol dimer inhibits tubulin polymerization and microtubule dynamics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 183, 68-79.	1.2	16

#	ARTICLE	IF	CITATIONS
127	Efficacy and Toxicity of Panitumumab After Progression on Cetuximab and Predictive Value of MiR-31-5p in Metastatic Wild-type KRAS Colorectal Cancer Patients. <i>Anticancer Research</i> , 2016, 36, 4955-4960.	0.5	16
128	Visualization of Sentinel Lymph Nodes with Mannosylated Fluorescent Nanodiamonds. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	16
129	Generalization of DNA microarray dispersion properties: microarray equivalent of t-distribution. <i>Biology Direct</i> , 2006, 1, 27.	1.9	15
130	Synthesis and biological profiling of 6- or 7-(het)aryl-7-deazapurine 4 ^{â€²} -C-methylribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7422-7438.	1.4	15
131	Role of tumor hypoxia in acquisition of resistance to microtubule-stabilizing drugs. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1855, 172-182.	3.3	15
132	Frequency of chromosome 17 polysomy in relation to <scp>CEP</scp>17 copy number in a large breast cancer cohort. <i>Genes Chromosomes and Cancer</i> , 2016, 55, 409-417.	1.5	15
133	Trilobolide-steroid hybrids: Synthesis, cytotoxic and antimycobacterial activity. <i>Steroids</i> , 2017, 117, 97-104.	0.8	15
134	Amino-BODIPY as the ratiometric fluorescent sensor for monitoring drug release or â€œpower supplyâ€• selector for molecular electronics. <i>RSC Advances</i> , 2019, 9, 25075-25083.	1.7	15
135	Synthesis and biological evaluation of cis-restrained carbocyclic combretastatin A-4 analogs: Influence of the ring size and saturation on cytotoxic properties. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115032.	1.4	15
136	Mass Spectrometry Amyloid Typing Is Reproducible across Multiple Organ Sites. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	15
137	Merkel Cell Carcinoma of the Gluteal Region with Ipsilateral Metastasis into the Pancreatic Graft of a Patient after Combined Kidney-Pancreas Transplantation. <i>Onkologie</i> , 2010, 33, 9-9.	1.1	14
138	Cancer Drug-Resistance and a Look at Specific Proteins: Rho GDP-Dissociation Inhibitor 2, Y-Box Binding Protein 1, and HSP70/90 Organizing Protein in Proteomics Clinical Application. <i>Journal of Proteome Research</i> , 2011, 10, 404-415.	1.8	14
139	Synthesis and cytostatic activity of 7-arylsulfanyl-7-deazapurine bases and ribonucleosides. <i>MedChemComm</i> , 2015, 6, 576-580.	3.5	14
140	The natural cytokinin 2OH3MeOBAR induces cell death by a mechanism that is different from that of the â€œclassicalâ€•cytokinin ribosides. <i>Phytochemistry</i> , 2017, 136, 156-164.	1.4	14
141	Identification of Eukaryotic Translation Elongation Factor 1-Î± 1 Gamendazole-Binding Site for Binding of 3-Hydroxy-4(1H)-quinolinones as Novel Ligands with Anticancer Activity. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3027-3036.	2.9	14
142	Antimicrobial and cytotoxic activity of (thio)alkyl hexopyranosides, nonionic glycolipid mimetics. <i>Carbohydrate Research</i> , 2020, 488, 107905.	1.1	14
143	Induction, regulation and roles of neural adhesion molecule L1CAM in cellular senescence. <i>Aging</i> , 2018, 10, 434-462.	1.4	14
144	Maize Embryogenesis. <i>Methods in Molecular Biology</i> , 2008, 427, 17-29.	0.4	13

#	ARTICLE	IF	CITATIONS
145	Synthesis and Evaluation of Biological Activity of the Quaternary Ammonium Salts of Lupane-, Oleanane-, and Ursane-Type Acids. <i>Synthesis</i> , 2010, 2010, 3839-3848.	1.2	13
146	2-Phenylsubstituted-3-Hydroxyquinolin-4(1 <i>H</i>)-one-Carboxamides: Structure-Cytotoxic Activity Relationship Study. <i>ACS Combinatorial Science</i> , 2011, 13, 39-44.	3.8	13
147	Hepcidin levels in Diamond-Blackfan anemia reflect erythropoietic activity and transfusion dependency. <i>Haematologica</i> , 2014, 99, e118-e121.	1.7	13
148	2-Substituted 6-(Het)aryl-7-deazapurine Ribonucleosides: Synthesis, Inhibition of Adenosine Kinases, and Antimycobacterial Activity. <i>ChemMedChem</i> , 2015, 10, 1079-1093.	1.6	13
149	Sugar modified pyrimido[4,5- <i>b</i>]indole nucleosides: synthesis and antiviral activity. <i>MedChemComm</i> , 2017, 8, 1856-1862.	3.5	13
150	INTRAMEDULLARY SPINAL CORD AND CAUDA EQUINA METASTASIS OF BREAST CARCINOMA: CASE REPORT. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2010, 154, 175-177.	0.2	13
151	Lycopene improves the distorted ratio between AA/DHA in the seminal plasma of infertile males and increases the likelihood of successful pregnancy. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2015, 159, 077-082.	0.2	13
152	Analysis of state-specific phosphorylation of proteins by two-dimensional gel electrophoresis approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 787, 53-61.	1.2	12
153	Preparation of new 18 β -oleanane alcohols: synthesis, characterization, and cytotoxic activity. <i>Monatshefte F&#x00fcr Chemie</i> , 2010, 141, 233-244.	0.9	12
154	Anti-cancer activities of cytokinin ribosides. <i>Phytochemistry Reviews</i> , 2019, 18, 1101-1113.	3.1	12
155	Fluorinated derivatives of 2-phenyl-3-hydroxy-4(1 <i>H</i>)-quinolinone as tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 192, 112176.	2.6	12
156	Synthesis and Cytotoxic and Antiviral Activity Profiling of All Four Isomeric Series of Pyrido-Fused 7-Deazapurine Ribonucleosides. <i>Chemistry - A European Journal</i> , 2020, 26, 13002-13015.	1.7	12
157	Impact of human papillomavirus infection on semen parameters and reproductive outcomes. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 156.	1.4	12
158	One-Step Synthesis of Nanoliposomal Copper Diethyldithiocarbamate and Its Assessment for Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 640.	2.0	12
159	Transient Aplastic Crisis in a Leukemic Child Caused by Parvovirus B19 Infection. <i>Pediatric Hematology and Oncology</i> , 1996, 13, 173-177.	0.3	11
160	Affinity-Based Methods in Drug-Target Discovery. <i>Current Drug Targets</i> , 2015, 16, 60-76.	1.0	11
161	Preparation of 2-phenyl-3-hydroxyquinoline-4(1 <i>H</i>)-one-5-carboxamides as potential anticancer and fluorescence agents. <i>RSC Advances</i> , 2015, 5, 48861-48867.	1.7	11
162	Treatment and prognosis of childhood acute lymphoblastic leukemia on protocols ALL-BFM 90, 95 and ALL IC-BFM 2002: a retrospective single-center study from Olomouc, Czech Republic. <i>Neoplasma</i> , 2016, 63, 456-461.	0.7	11

#	ARTICLE	IF	CITATIONS
163	Newly designed 11-gene panel reveals first case of hereditary amyloidosis captured by massive parallel sequencing. <i>Journal of Clinical Pathology</i> , 2018, 71, 687-694.	1.0	11
164	Isomeric Naphtho- α -Fused 7- β -Deazapurine Nucleosides and Nucleotides: Synthesis, Biological Activity, Photophysical Properties and Enzymatic Incorporation to Nucleic Acids. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5092-5108.	1.2	11
165	Steroid Glycosides Hyrcanoside and Deglucohyrcanoside: On Isolation, Structural Identification, and Anticancer Activity. <i>Foods</i> , 2021, 10, 136.	1.9	11
166	Synthesis and antitumour activity of varitriol and its analogues. <i>Arkivoc</i> , 2012, 2012, 365-383.	0.3	11
167	Resection versus biopsy of glioblastomas in eloquent brain areas. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2015, 159, 150-155.	0.2	11
168	Nociceptin/orphanin FQ opioid receptor (NOP) selective ligand MCOPPB links anxiolytic and senolytic effects. <i>GeroScience</i> , 2022, 44, 463-483.	2.1	11
169	Frequency of 657del(5) mutation of the NBS1 gene in the Czech population by polymerase chain reaction with sequence specific primers. <i>Cancer Genetics and Cytogenetics</i> , 2002, 138, 157-159.	1.0	10
170	Age-Related Changes in the Lateral Lipid Distribution in a Human Lens Described by Mass Spectrometry Imaging. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 297-303.	0.5	10
171	A Head-to-Head Analytical Comparison of Cobas 4800 HPV, PapilloCheck HPV Screening, and LMNX Genotyping Kit HPV GP for Detection of Human Papillomavirus DNA in Cervical and Cervicovaginal Swabs. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 849-858.	1.2	10
172	Czech and Slovak Diamond-Blackfan Anemia (DBA) Registry update: Clinical data and novel causative genetic lesions. <i>Blood Cells, Molecules, and Diseases</i> , 2020, 81, 102380.	0.6	10
173	Coronavirus infection: An immunologists' perspective. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e13043.	1.3	10
174	A DUPLICATION dup(4)(q28q35.2) DE NOVO IN A NEWBORN. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2006, 150, 113-116.	0.2	10
175	Current Adenosinergic Therapies: What Do Cancer Cells Stand to Gain and Lose?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12569.	1.8	10
176	Epidermal Growth Factor Receptor as a Predictor of Tumor Response to Preoperative Chemoradiation in Locally Advanced Gastric Carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 592-597.	1.0	9
177	The Anti-inflammatory Effects of Inhaled Corticosteroids versus Anti-leukotrienes on the Lymphocyte P-Glycoprotein (PGP) Expression in Asthmatic Children. <i>Journal of Asthma</i> , 2009, 46, 366-370.	0.9	9
178	Synthesis of 5-[alkoxy-(4-nitro-phenyl)-methyl]-uridines and study of their cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3588-3594.	2.6	9
179	2-Deoxyglycoside Conjugates of Lupane Triterpenoids with High Cytotoxic Activity- α -Synthesis, Activity, and Pharmacokinetic Profile. <i>Bioconjugate Chemistry</i> , 2019, 30, 2844-2858.	1.8	9
180	Integrated physical map of bread wheat chromosome arm 7DS to facilitate gene cloning and comparative studies. <i>New Biotechnology</i> , 2019, 48, 12-19.	2.4	9

#	ARTICLE	IF	CITATIONS
181	Role of Salmonella Typhi Vi Antigen and Secretory Systems on Immune Response. <i>Current Pharmaceutical Design</i> , 2016, 22, 6251-6260.	0.9	9
182	PROGNOSTIC VALUE OF hMLH1 AND hMSH2 IMMUNOHISTOCHEMICAL EXPRESSION IN NON-SMALL CELL LUNG CANCER. A TISSUE MICROARRAY STUDY. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2006, 150, 255-259.	0.2	9
183	Detection of minimal residual disease in lung cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 189-193.	0.2	9
184	An efficient, non-invasive approach for in-vivo sampling of hair follicles: design and applications in monitoring DNA damage and aging. <i>Aging</i> , 2021, 13, 25004-25024.	1.4	9
185	Montelukast Decreases Plasma Endothelin-1 and Serum Eosinophil Cationic Protein Levels in Paediatric Atopic Asthma. <i>Clinical Drug Investigation</i> , 2006, 26, 351-356.	1.1	8
186	Synthesis, cytotoxic activity, and fluorescence properties of a set of novel 3-hydroxyquinolin-4(1H)-ones. <i>Tetrahedron Letters</i> , 2014, 55, 3592-3595.	0.7	8
187	Striking Antitumor Activity of a Methinium System with Incorporated Quinoxaline Unit Obtained by Spontaneous Cyclization. <i>ChemBioChem</i> , 2015, 16, 555-558.	1.3	8
188	Cellébased <scp>DNA</scp> demethylation detection system for screening of epigenetic drugs in 2D, 3D, and xenograft models. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 133-143.	1.1	8
189	Fenretinide favorably affects mucins (MUC5AC/MUC5B) and fatty acid imbalance in a manner mimicking CFTR-induced correction. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158538.	1.2	8
190	Age-Dependent Progression in Lung Pathophysiology can be Prevented by Restoring Fatty Acid and Ceramide Imbalance in Cystic Fibrosis. <i>Lung</i> , 2020, 198, 459-469.	1.4	8
191	Prevalence and genotype distribution of human papillomavirus in Czech non-vaccinated heterosexual couples. <i>Virology Journal</i> , 2021, 18, 80.	1.4	8
192	MLPA is a practical and complementary alternative to CMA for diagnostic testing in patients with autism spectrum disorders and identifying new candidate CNVs associated with autism. <i>PeerJ</i> , 2019, 6, e6183.	0.9	8
193	Cannabidioléinduced activation of the metallothionein pathway impedes anticancer effects of disulfiram and its metabolite CuET. <i>Molecular Oncology</i> , 2022, 16, 1541-1554.	2.1	8
194	Effect of Glucocorticosteroids in Diamond-Blackfan Anaemia: Maybe Not as Elusive as It Seems. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1886.	1.8	8
195	Application of Proteomics in the Search for Novel Proteins Associated with the Anti-cancer Effect of the Synthetic Cyclin-dependent Kinases Inhibitor, Bohemine. <i>Technology in Cancer Research and Treatment</i> , 2002, 1, 247-256.	0.8	7
196	Synthetic inhibitors of CDKs induce different responses in androgen sensitive and androgen insensitive prostatic cancer cell lines. <i>Journal of Clinical Pathology</i> , 2002, 55, 227-234.	2.1	7
197	Prevalence of human papillomavirus infection in oocyte donors and women treated for infertility: An observational laboratory-based study. <i>European Journal of Obstetrics and Gynecology and Reproductive Biology: X</i> , 2019, 4, 100068.	0.6	7
198	Pentamethinium salts as ligands for cancer: Sulfated polysaccharide co-receptors as possible therapeutic target. <i>Bioorganic Chemistry</i> , 2019, 82, 74-85.	2.0	7

#	ARTICLE	IF	CITATIONS
199	Synthesis and Biological Profiling of Pyrazolo-Fused 7-Deazapurine Nucleosides. <i>Journal of Organic Chemistry</i> , 2020, 85, 10539-10551.	1.7	7
200	Head-To-Head Comparison of Biological Behavior of Biocompatible Polymers Poly(Ethylene Oxide), Poly(2-Ethyl-2-Oxazoline) and Poly[N-(2-Hydroxypropyl)Methacrylamide] as Coating Materials for Hydroxyapatite Nanoparticles in Animal Solid Tumor Model. <i>Nanomaterials</i> , 2020, 10, 1690.	1.9	7
201	Betulinic Acid Decorated with Polar Groups and Blue Emitting BODIPY Dye: Synthesis, Cytotoxicity, Cell-Cycle Analysis and Anti-HIV Profiling. <i>Biomedicines</i> , 2021, 9, 1104.	1.4	7
202	Synthesis, Photophysical Properties, and Biological Profiling of Benzothieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Organic Chemistry</i> , 2020, 85, 8085-8101.	1.7	7
203	BIOEQUIVALENCE OF TWO BRANDS OF CITALOPRAM 40 mg TABLETS AFTER SINGLE ORAL ADMINISTRATION TO HEALTHY VOLUNTEERS. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 169-172.	0.2	7
204	Antitumour drugs targeting tau R3 VQIVYK and Cys322 prevent seeding of endogenous tau aggregates by exogenous seeds. <i>FEBS Journal</i> , 2022, 289, 1929-1949.	2.2	7
205	Development of fluridil, a topical suppressor of the androgen receptor in androgenetic alopecia. <i>Drug Development Research</i> , 2003, 59, 292-306.	1.4	6
206	The radiosensitising effect of olomoucine derived synthetic cyclin-dependent kinase inhibitors. <i>Neoplasma</i> , 2010, 57, 161-169.	0.7	6
207	New Imidazo[1,2- <i>b</i>]pyrimidin-5(6 <i>H</i>)- <i>ones</i> Derived from Cytosine: Synthesis, Structure, and Cytotoxic Activity. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1382-1389.	1.4	6
208	Differential Regulation of Methylation-Regulating Enzymes by Senescent Stromal Cells Drives Colorectal Cancer Cell Response to DNA-Demethylating Epi-Drugs. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	6
209	IDH Mutation Analysis in Glioma Patients by CADMA Compared with SNaPshot Assay and two Immunohistochemical Methods. <i>Pathology and Oncology Research</i> , 2019, 25, 971-978.	0.9	6
210	Recurrence of surgically treated parasagittal meningiomas: a meta-analysis of risk factors. <i>Acta Neurochirurgica</i> , 2020, 162, 2165-2176.	0.9	6
211	Cytoprotective activities of kinetin purine isosteres. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 33, 115993.	1.4	6
212	Substituted dienes prepared from betulinic acid – Synthesis, cytotoxicity, mechanism of action, and pharmacological parameters. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113706.	2.6	6
213	Isocitrate Dehydrogenase Mutations are Better Prognostic Marker than O6-methylguanine-DNA Methyltransferase Promoter Methylation in Glioblastomas – a Retrospective, Single-centre Molecular Genetics Study of Gliomas. <i>Klinicka Onkologie</i> , 2017, 30, 361-371.	0.1	6
214	Combination of prednisolone and low dosed dexamethasone exhibits greater in vitro antileukemic activity than equiactive dose of prednisolone and overcomes prednisolone drug resistance in acute childhood lymphoblastic leukemia. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 422-427.	0.2	6
215	Characterization of iron metabolism and erythropoiesis in erythrocyte membrane defects and thalassemia traits. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 231-237.	0.2	6
216	Bone marrow metastasis of malignant melanoma in childhood arising within a congenital melanocytic nevus. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 456-460.	0.2	6

#	ARTICLE	IF	CITATIONS
217	Differences in the importance of microcephaly, dysmorphism, and epilepsy in the detection of pathogenic CNVs in ID and ASD patients. <i>PeerJ</i> , 2019, 7, e7979.	0.9	6
218	Natural resistance to infection with intracellular pathogens: Cross-talk between Nrap1 and Lps genes. <i>Electrophoresis</i> , 1997, 18, 2654-2660.	1.3	5
219	Reactions of Activated Lupane Oxo-Compounds with Diazomethane: An Approach to New Derivatives of Cytotoxic Triterpenes. <i>Synthesis</i> , 2006, 2006, 3979-3986.	1.2	5
220	Efficient Synthesis and Cytotoxic Activity of Some Symmetrical Disulfides Derived from the Quinolin-4(1H)-one Skeleton. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3867-3870.	1.2	5
221	Whole genome amplification induced bias in the detection of KRAS mutated cell populations during colorectal carcinoma tissue testing. <i>Electrophoresis</i> , 2015, 36, 937-940.	1.3	5
222	Cellular effects of the microtubule-targeting agent peloruside A in hypoxia-conditioned colorectal carcinoma cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1833-1843.	1.1	5
223	Peloruside A-Induced Cell Death in Hypoxia Is p53 Dependent in HCT116 Colorectal Cancer Cells. <i>Journal of Natural Products</i> , 2018, 81, 634-640.	1.5	5
224	Toll-Like Receptor 7/8 Ligand, S28463, Suppresses Ascaris suum induced Allergic Asthma in Nonhuman Primates. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 55-65.	1.4	5
225	Bioavailability and structural study of 20-hydroxyecdysone complexes with cyclodextrins. <i>Steroids</i> , 2019, 147, 37-41.	0.8	5
226	Treatment of Allergic Asthma with Fenretinide Formulation (LAU-7b) Downregulates ORMDL Sphingolipid Biosynthesis Regulator 3 (Ormdl3) Expression and Normalizes Ceramide Imbalance. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 476-487.	1.3	5
227	Synthesis and evaluation of the anticancer activity of some semisynthetic derivatives of rutaecarpine and evodiamine. <i>Synthetic Communications</i> , 2021, 51, 3237-3245.	1.1	5
228	Occult tumour cells in peritoneal lavage are a negative prognostic factor in pancreatic cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2013, 157, 233-238.	0.2	5
229	The absence of high-risk human papillomavirus in Czech non-small cell lung cancer cases. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2020, 164, 71-76.	0.2	5
230	Utilization of high accuracy FTICR-MS data in protein quantitation experiments. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1565-1570.	0.7	4
231	Analysis of Prognostic Significance of Merkel Cell Polyomavirus in Chronic Lymphocytic Leukemia. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2015, 15, 439-442.	0.2	4
232	Evaporation-reducing Culture Condition Increases the Reproducibility of Multicellular Spheroid Formation in Microtiter Plates. <i>Journal of Visualized Experiments</i> , 2017, . .	0.2	4
233	Functionally Relevant Differences in Plasma Fatty Acid Composition and Expression of Cytotoxic and Inhibitory NK Cell Receptors between Healthy Young and Healthy Elder Adults. <i>Nutrients</i> , 2020, 12, 3641.	1.7	4
234	Synthesis and Antitrypanosomal Activity of 6-Substituted 7-Methyl-7-deazapurine Nucleosides. <i>ACS Infectious Diseases</i> , 2021, 7, 917-926.	1.8	4

#	ARTICLE	IF	CITATIONS
235	Preclinical evaluation of anti-VEGFR2 monoclonal antibody ramucirumab labelled with zirconium-89 for tumour imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2021, 64, 262-270.	0.5	4
236	Differential Antileukemic Activity of Prednisolone and Dexamethasone in Freshly Isolated Leukemic Cells. <i>Advances in Experimental Medicine and Biology</i> , 1999, 457, 461-471.	0.8	4
237	BCL2 protein in prediction of relapse in triple-negative breast cancer (TNBC) treated with adjuvant anthracycline-based chemotherapy. <i>Journal of Clinical Oncology</i> , 2012, 30, 1087-1087.	0.8	4
238	Biomarkers in Immunoglobulin Light Chain Amyloidosis. <i>Klinicka Onkologie</i> , 2017, 30, 2S60-2S67.	0.1	4
239	An Electrophoretic Analysis of the Seed Protein Body Proteins from <i>Pinus Nigra</i> . <i>Biologia Plantarum</i> , 2001, 44, 137-140.	1.9	3
240	Synthesis of various 5-alkoxymethyluracil analogues and structure-activity relationship study. <i>Carbohydrate Research</i> , 2011, 346, 2136-2144.	1.1	3
241	Glioblastoma multiforme in patients with history of extracranial cancer: Case series. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 39-43.	0.6	3
242	Pitfalls of commercially available HPV tests in HPV68a detection. <i>PLoS ONE</i> , 2019, 14, e0220373.	1.1	3
243	Duplication of 9p24.3 in three unrelated patients and their phenotypes, considering affected genes, and similar recurrent variants. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1592.	0.6	3
244	AminoBODIPY Conjugates for Targeted Drug Delivery Systems and Real-Time Monitoring of Drug Release. <i>Molecular Pharmaceutics</i> , 2021, 18, 2385-2396.	2.3	3
245	Glyphosate Interaction with eEF1 \pm 1 Indicates Altered Protein Synthesis: Evidence for Reduced Spermatogenesis and Cytostatic Effect. <i>ACS Omega</i> , 2021, 6, 14848-14857.	1.6	3
246	Abstract 5182: Chromatin reader machinery as target for overcoming resistance to DNA-demethylating epi-drug decitabine. <i>Cancer Research</i> , 2019, 79, 5182-5182.	0.4	3
247	Iodinated Choline Transport-Targeted Tracers. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15960-15978.	2.9	3
248	The analysis of correlations between drug resistance and clinical/laboratory measures found in a group of children with ALL treated by ALL-BFM 90 protocol. <i>Bulletin Du Cancer</i> , 2004, 91, E80-9.	0.6	3
249	Evaluation of laparoscopic resection of colorectal carcinoma from the viewpoint of molecular biology. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2012, 1, 19-26.	0.3	2
250	Morphinebut not piritramide-based postoperative analgesia negatively influences levels of circulating tumor cells and patients' survival following colorectal cancer surgery. <i>European Journal of Anaesthesiology</i> , 2014, 31, 229.	0.7	2
251	In Search of System-Wide Productivity Gains - The Role of Global Collaborations in Preclinical Translation. <i>Clinical and Translational Science</i> , 2017, 10, 423-425.	1.5	2
252	Thienopyrrolo[2,3-d]pyrimidines, New Tricyclic Nucleobase Analogues: Synthesis and Biological Activities. <i>ChemistrySelect</i> , 2018, 3, 9144-9149.	0.7	2

#	ARTICLE	IF	CITATIONS
253	Heterogenous mutation spectrum and deregulated cellular pathways in aberrant plasma cells underline molecular pathology of light-chain amyloidosis. <i>Haematologica</i> , 2021, 106, 601-604.	1.7	2
254	Biodegradable system for drug delivery of hydrolytically labile azanucleoside drugs. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 222-230.	0.2	2
255	Acute lymphoblastic leukemia in a child with Leri-Weill syndrome and complete SHOX gene deletion: A Case Report. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2018, 162, 65-70.	0.2	2
256	Overview of Memory NK Cells in Viral Infections: Possible Role in SARS-CoV-2 Infection. <i>Immuno</i> , 2022, 2, 52-67.	0.6	2
257	2â€Clâ€IBâ€MECA regulates the proliferative and drug resistance pathways, and facilitates chemosensitivity in pancreatic and liver cancer cell lines. <i>International Journal of Molecular Medicine</i> , 2022, 49, .	1.8	2
258	High lapatinib plasma levels in breast cancer patients: risk or benefit?. <i>Tumori</i> , 2012, 98, 162-5.	0.6	2
259	Missense mutation in RPS7 causes Diamond-Blackfan anemia via alteration of erythrocyte metabolism, protein translation and induction of ribosomal stress. <i>Blood Cells, Molecules, and Diseases</i> , 2022, 97, 102690.	0.6	2
260	Fluorination of Betulinines and Other Triterpenoids with DAST. <i>Synthesis</i> , 2005, 2005, 1157-1163.	1.2	1
261	Young Scientist Forum. <i>FEBS Journal</i> , 2009, 276, 357-399.	2.2	1
262	BCL2 is a predictive marker of adjuvant CMF regimen in triple-negative breast cancer patients. <i>Breast Cancer Research</i> , 2011, 13, .	2.2	1
263	Role of CCND1 and C-MYC oncogenes in metastatic breast cancer patients treated by herceptin. <i>Breast Cancer Research</i> , 2011, 13, .	2.2	1
264	787 The Presence of Circulating Tumour Cells is a Negative Prognostic Factor in Lung Cancer Patients. <i>European Journal of Cancer</i> , 2012, 48, S187-S188.	1.3	1
265	Assessing opportunities for coordinated <sc>R</sc>&<sc>D</sc> in early cancer detection and management in <sc>E</sc>urope. <i>International Journal of Cancer</i> , 2017, 140, 1700-1701.	2.3	1
266	Pyrido-Fused Deazapurine Bases: Synthesis and Glycosylation of 4-Substituted 9<i>H</i>-Pyrido[2â€,3â€:4,5]- and Pyrido[4â€,3â€:4,5]pyrrolo[2,3-<i>d</i>]pyrimidines. <i>ACS Omega</i> , 2020, 5, 26278-26286.	1.6	1
267	Very late complications of oncotherapy in glioblastoma patients: A case series. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2021, , .	0.2	1
268	Abstract P2-09-30: Impact ofPIK3CA,PTEN and RPS6 Status on Lapatinib Treatment Outcome in Advanced-Stage Breast Cancer Patients. , 2010, , .		1
269	Abstract 4748: Molecular targets of quinolinone derivatives with anticancer activity. , 2012, , .		1
270	Abstract 4624: Molecular target identification of quinolinone based anticancer compounds. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
271	Two Novel Mutations in Ribosomal Proteins in the Czech National Diamond-Blackfan Anemia Registry. Blood, 2016, 128, 3903-3903.	0.6	1
272	LONG TERM FOLLOW-UP OF NEOADJUVANT-ADJUVANT COMBINATION TREATMENT OF IIIA STAGE NON-SMALL-CELL-LUNG CANCER: RESULTS OF NEOADJUVANT CARBOPLATIN/VINORELBINE AND CARBOPLATIN/PACLITAXEL REGIMENS COMBINED WITH SELECTIVE ADJUVANT CHEMOTHERAPY ACCORDING TO IN-VITRO CHEMORESISTANCE TEST. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2008, 152, 259-266.	0.2	1
273	The impact of signaling pathways stimulated by HER2 receptor on prediction of clinical outcome in metastatic breast cancer patients treated with trastuzumab. Journal of Clinical Oncology, 2008, 26, 1048-1048.	0.8	1
274	Abstract 735: Identification and characterization of potential tumor cell resistance mechanisms towards a novel aurora kinase inhibitor, CYC116. , 2011, , .		1
275	Abstract 1956: Perioperative opioid analgesia affects the circulating tumor cells levels in colorectal cancer patients. Cancer Research, 2022, 82, 1956-1956.	0.4	1
276	Protein Bodies in the Pine Megagametophyte in vitro Culture: Ultrastructural, Histochemical and Electrophoretic Observations. Biologia Plantarum, 2000, 43, 329-336.	1.9	0
277	COMBINATION OF NEOADJUVANT AND ADJUVANT CHEMOTHERAPY IN NONSMALL CELL LUNG CANCER: IS IT POSSIBLE AND EFFECTIVE?. Chest, 2006, 130, 89S.	0.4	0
278	N-cadherin as a predictor of brain metastases in NSCLC. European Journal of Cancer, Supplement, 2008, 6, 86-87.	2.2	0
279	Oxidative cleavage of 3Î²-acetoxy-21-oxolup-18-en-28-oic acid by ruthenium tetroxide. Chemistry of Natural Compounds, 2010, 46, 545-548.	0.2	0
280	9063 POSTER Pilot Results for the Detection of Minimal Residual Disease in Lung Cancer. European Journal of Cancer, 2011, 47, S610-S611.	1.3	0
281	9237 POSTER Analysis of the Glucocorticoid Resistance Mechanism in Children With Acute Lymphoblastic Leukemia Using DNA Microarrays. European Journal of Cancer, 2011, 47, S650.	1.3	0
282	582 ALK Rearrangement and EGFR Copy Number Gains/mutations in Czech Non-small Cell Lung Cancer Patients. European Journal of Cancer, 2012, 48, S139.	1.3	0
283	Expression of multidrug resistance protein 1 and multidrug resistance-associated protein 1 in peripheral blood lymphocytes amongst children and young adults. Central-European Journal of Immunology, 2013, 4, 518-529.	0.4	0
284	MR-06 * MicroRNA SIGNATURE ASSOCIATED WITH POOR OUTCOME OF GLIOBLASTOMA PATIENTS. Neuro-Oncology, 2014, 16, v126-v126.	0.6	0
285	265 BCL11A gene status and prediction of survival in triple negative breast cancer (TNBC) treated with anthracycline-based adjuvant chemotherapy. European Journal of Cancer, 2015, 51, S48.	1.3	0
286	P06.10â€A retrospective single-center study of IDH mutations in gliomas. Neuro-Oncology, 2016, 18, iv29-iv30.	0.6	0
287	Label-free determination and multiplex analysis of DNA and RNA in tumor tissues. Applied Materials Today, 2018, 12, 85-91.	2.3	0
288	Expression of Concern for â€œIdentification of Eukaryotic Translation Elongation Factor 1-Î± 1 Gamendazole-Binding Site for Binding of 3-Hydroxy-4(1<i>H</i>)-quinolinones as Novel Ligands with Anticancer Activityâ€ Journal of Medicinal Chemistry, 2019, 62, 8664-8664.	2.9	0

#	ARTICLE	IF	CITATIONS
289	Cytotoxicity of Amino-BODIPY Modulated via Conjugation with 2-Phenyl-3-Hydroxy-4(1 H)-Quinolones. ChemistryOpen, 2021, 10, 1104-1110.	0.9	0
290	p53 - Prognostic factor of malignant transformation of barrett's esophagus. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2005, 149, 141-144.	0.2	0
291	Novel immunoaffinity purification approach for isolation of new cytokinin based anticancer drug and its identification in plant tissues. Planta Medica, 2008, 74, .	0.7	0
292	Abstract 842: The detection of circulating tumor cells is a negative prognostic factor in colorectal cancer. , 2010, , .		0
293	Abstract 4152: The detection of circulating tumor cells is a negative prognostic factor in pancreatic cancer. , 2011, , .		0
294	Abstract 2641: Diversity of anticancer mechanisms of action of triterpenoids derived from betulinic acid. , 2011, , .		0
295	Evaluation of HER2 gene status by qPCR in breast cancer samples with nonconclusive FISH.. Journal of Clinical Oncology, 2011, 29, 612-612.	0.8	0
296	Abstract 5639: Pro-drug forms of triterpenes with anticancer activity. , 2012, , .		0
297	Abstract LB-438: Circulating tumor cells in pancreatic carcinoma: negative prognostic factor. , 2012, , .		0
298	Occult tumor cells in peritoneal lavage in pancreatic carcinoma patients.. Journal of Clinical Oncology, 2012, 30, e14556-e14556.	0.8	0
299	Abstract B30: Colorectal cancer HCT116 cells resistant toward a novel Aurora kinase inhibitor CYC116: Molecular hallmarks of drug resistance and pharmacologic interventions restoring the drug sensitivity. Clinical Cancer Research, 2012, 18, B30-B30.	3.2	0
300	Abstract 4652: Proteomic profiling of platinum based anticancer drugs.. , 2013, , .		0
301	Copy number changes in triple-negative breast cancer: New molecular targets.. Journal of Clinical Oncology, 2013, 31, 1063-1063.	0.8	0
302	BRCA-mutation status combined with BCL2 protein in prediction of relapse in triple-negative breast cancer (TNBC) treated with adjuvant anthracycline-based chemotherapy.. Journal of Clinical Oncology, 2014, 32, 1132-1132.	0.8	0
303	Abstract LB-181: The impact of Ras/MAPK/S6K signaling pathway on prediction of clinical outcome in metastatic Her-2 positive breast cancer patients treated with trastuzumab. , 2014, , .		0
304	Abstract 400: 5-azacytidine nucleosides and their derivatives: Molecular hallmarks of drug resistance. , 2014, , .		0
305	Abstract 1492: Prediction of cancer progression in Barrett's esophagus patients using miRNA profiling. , 2014, , .		0
306	Abstract 3692: Development and validation of high content screening assay for identification of compounds based on cytotoxicity and cell cycle analysis using FUCCI probe. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
307	Abstract 4492: Novel carborane based inhibitors of carbonic anhydrase IX. , 2015, , .		0
308	Abstract 4006: MiRNA profiling in esophageal precancerous for malignancy progression risk assessment. , 2015, , .		0
309	Abstract 2944: 5-azacytidine nucleosides and their derivatives: Molecular hallmarks of drug resistance & alternative therapeutic regimen. , 2015, , .		0
310	Abstract 3883: Variant peptide identification system for bottom-up proteomics: Finding hidden sequence alterations in MS data. , 2016, , .		0
311	Abstract 2077: Carbonate prodrugs derived from triterpenoids with high cytotoxic activity. , 2016, , .		0
312	Abstract 3170: Analysis of copy number variations in meningioma samples using microarrays revealed 22q deletions more frequent in higher grade tumors. , 2016, , .		0
313	Abstract 4101: Stromal cell-induced alterations in the response of colorectal cancer cell to demethylating agents. , 2016, , .		0
314	Abstract 4453: Molecular hallmarks of drug resistance to DNA methylation inhibitors and alternative therapeutic regimen for overcoming resistance. , 2016, , .		0
315	Abstract 3254: Identification of potent anti-tumor agents from the LOPAC library using a unified 2D/3D cell culture screening approach. , 2017, , .		0
316	Abstract 207: Reliable identification of mutations in bottom-up proteomics. , 2017, , .		0
317	Abstract 2717: Identification of three distinct molecular subtypes in meningioma samples using microarrays for copy-number variants. , 2017, , .		0
318	Abstract 5100: AB61, a new potent nucleoside cytostatic: Molecular mechanisms of action and preclinical activity. , 2017, , .		0
319	Whole Exome Sequencing of Aberrant Plasma Cells in a Patient with Multiple Myeloma Minimal Residual Disease. <i>Klinicka Onkologie</i> , 2017, 30, 2S75-2S80.	0.1	0
320	Abstract 5396: Identification of meningioma patients in high risk of tumor recurrence using microRNA profiling. , 2018, , .		0
321	Abstract 455: Cellular response to oxaliplatin treatment shows altered DNA damage, nucleolar and ribosomal stresses as main altered pathways. , 2018, , .		0
322	Abstract 4166: Hair follicles as a minimally invasive resource of epithelial cells in mouse studies of ionizing radiation. , 2018, , .		0
323	Abstract LB-264: Alcohol-aversion drug disulfiram targets cancer via p97 segregase adaptor NPL4. , 2018, , .		0
324	Abstract 3695: Mapping of molecular landscape underlying drug resistance and recurrence in glioblastoma: Paired analysis of primary and recurrent tumors. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
325	Abstract 2805: Combretastatins as highly cytotoxic natural compounds. , 2018, , .		0
326	Abstract 4474: An intricate role of p53 and p21 in cellular alterations and drug penetration in spheroids of colorectal cancer cells. , 2018, , .		0
327	Structure-assisted design of carborane inhibitors of human carbonic anhydrase IX. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e197-e197.	0.0	0
328	Development and extensive analytical validation of deep amplicon sequencing for detecting KRAS and NRAS mutations in metastatic colorectal cancer samples. Neoplasma, 2022, 69, 203-215.	0.7	0
329	Abstract 3470: The antagonistic functional duality of p21 ^{WAF1/CIP1} in cells derived from multicellular tumor spheroids. , 2019, , .		0
330	Treatment With LAU-7b Complements CFTR Modulator Therapy by Improving Lung Physiology and Normalizing Lipid Imbalance Associated With CF Lung Disease. Frontiers in Pharmacology, 0, 13, .	1.6	0