

# Marian Hajduch

## List of Publications by Citations

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271  
papers

6,736  
citations

40  
h-index

72  
g-index

344  
ext. papers

7,928  
ext. citations

4.9  
avg, IF

5.59  
L-index

#	Paper	IF	Citations
271	Pharmacological activities of natural triterpenoids and their therapeutic implications. <i>Natural Product Reports</i> , <b>2006</b> , 23, 394-411	15.1	509
270	Alcohol-abuse drug disulfiram targets cancer via p97 segregase adaptor NPL4. <i>Nature</i> , <b>2017</b> , 552, 194-199	30.4	320
269	Novel markers for differentiation of lobular and ductal invasive breast carcinomas by laser microdissection and microarray analysis. <i>BMC Cancer</i> , <b>2007</b> , 7, 55	4.8	287
268	YAP regulates cell mechanics by controlling focal adhesion assembly. <i>Nature Communications</i> , <b>2017</b> , 8, 15321	17.4	260
267	Aurora kinase inhibitors: progress towards the clinic. <i>Investigational New Drugs</i> , <b>2012</b> , 30, 2411-32	4.3	176
266	Clinical relevance of KRAS in human cancers. <i>Journal of Biomedicine and Biotechnology</i> , <b>2010</b> , 2010, 150960		173
265	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> , <b>2006</b> , 49, 6500-9	8.3	142
264	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> , <b>2009</b> , 15, 1755-61	12.9	134
263	MiR-195, miR-196b, miR-181c, miR-21 expression levels and O-6-methylguanine-DNA methyltransferase methylation status are associated with clinical outcome in glioblastoma patients. <i>Cancer Science</i> , <b>2011</b> , 102, 2186-90	6.9	125
262	Synthesis of A-seco derivatives of betulinic acid with cytotoxic activity. <i>Journal of Natural Products</i> , <b>2004</b> , 67, 1100-5	4.9	99
261	MEG3: a novel long noncoding potentially tumour-suppressing RNA in meningiomas. <i>Journal of Neuro-Oncology</i> , <b>2013</b> , 112, 1-8	4.8	91
260	Fenretinide corrects newly found ceramide deficiency in cystic fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2008</b> , 38, 47-56	5.7	87
259	Prognostic value of Bmi-1 oncoprotein expression in NSCLC patients: a tissue microarray study. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2008</b> , 134, 1037-42	4.9	84
258	Synthesis and significant cytostatic activity of 7-hetaryl-7-deazaadenosines. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 5498-507	8.3	81
257	Cystic fibrosis fatty acid imbalance is linked to ceramide deficiency and corrected by fenretinide. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 41, 100-6	5.7	80
256	MR-06 * MicroRNA SIGNATURE ASSOCIATED WITH POOR OUTCOME OF GLIOBLASTOMA PATIENTS. <i>Neuro-Oncology</i> , <b>2014</b> , 16, v126-v126	1	78
255	Synthesis of phthalates of betulinic acid and betulin with cytotoxic activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 3447-54	3.4	78

254	P06.10 A retrospective single-center study of IDH mutations in gliomas. <i>Neuro-Oncology</i> , <b>2016</b> , 18, iv29-iv30		78
253	New lupane derived compounds with pro-apoptotic activity in cancer cells: synthesis and structure-activity relationships. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 5402-15	8.3	77
252	Multicentre validation of a microRNA-based assay for diagnosing indeterminate thyroid nodules utilising fine needle aspirate smears. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 500-507	3.9	75
251	Human virus detection with graphene-based materials. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 166, 112436	11.8	74
250	6-(Het)aryl-7-deazapurine ribonucleosides as novel potent cytostatic agents. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 460-70	8.3	69
249	Prediction of colorectal cancer diagnosis based on circulating plasma proteins. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 1166-78	12	68
248	The status and role of ErbB receptors in human cancer. <i>Experimental and Molecular Pathology</i> , <b>2008</b> , 84, 79-89	4.4	68
247	Herbal composition PC-SPES for management of prostate cancer: identification of active principles. <i>Journal of the National Cancer Institute</i> , <b>2002</b> , 94, 1275-81	9.7	67
246	Aurora kinases: structure, functions and their association with cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2008</b> , 152, 27-33	1.7	67
245	Nucleosidic DNA demethylating epigenetic drugs - A comprehensive review from discovery to clinic. <i>Pharmacology &amp; Therapeutics</i> , <b>2018</b> , 188, 45-79	13.9	66
244	Triterpenoid pyrazines and benzopyrazines with cytotoxic activity. <i>Journal of Natural Products</i> , <b>2007</b> , 70, 526-32	4.9	65
243	Anticancer activity of natural cytokinins: a structure-activity relationship study. <i>Phytochemistry</i> , <b>2010</b> , 71, 1350-9	4	63
242	New derivatives of silybin and 2,3-dehydrosilybin and their cytotoxic and P-glycoprotein modulatory activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 3793-810	3.4	62
241	Genetic Markers in Triple-Negative Breast Cancer. <i>Clinical Breast Cancer</i> , <b>2018</b> , 18, e841-e850	3	61
240	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> , <b>2014</b> , 86, 2939-46	7.8	61
239	Synthesis, cytostatic, antimicrobial, and anti-HCV activity of 6-substituted 7-(het)aryl-7-deazapurine ribonucleosides. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 1097-110	8.3	56
238	MicroRNAs and glioblastoma: roles in core signalling pathways and potential clinical implications. <i>Journal of Cellular and Molecular Medicine</i> , <b>2011</b> , 15, 1636-44	5.6	53
237	Cytotoxic heterocyclic triterpenoids derived from betulin and betulinic acid. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 3666-74	3.4	51

236	Influence of esterification and modification of A-ring in a group of lupane acids on their cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 5527-35	3.4	47
235	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> , <b>2000</b> , 21, 3757-64	3.6	45
234	N-glycoprotein SRMATlas: a resource of mass spectrometric assays for N-glycosites enabling consistent and multiplexed protein quantification for clinical applications. <i>Molecular and Cellular Proteomics</i> , <b>2013</b> , 12, 1005-16	7.6	42
233	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> , <b>2015</b> , 10, 42	3	41
232	Non-invasive prognostic protein biomarker signatures associated with colorectal cancer. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 1153-65	12	40
231	Synthesis and biological activity evaluation of hydrazone derivatives based on a Tröger base skeleton. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 1651-9	3.4	40
230	Synthetic Cyclin Dependent Kinase Inhibitors. <i>Advances in Experimental Medicine and Biology</i> , <b>1999</b> , 341-353	3.5	40
229	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> , <b>2012</b> , 31, 79	12.8	39
228	3-Hydroxy-2-phenyl-4(1H)-quinolinones as promising biologically active compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2009</b> , 9, 696-702	3.2	39
227	Dynamic changes in microRNA expression profiles reflect progression of Barrett's esophagus to esophageal adenocarcinoma. <i>Carcinogenesis</i> , <b>2015</b> , 36, 521-7	4.6	38
226	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 Palacky&amp;#x0301; Olomouc, Czechoslovakia</i> , <b>2009</b> , 153, 13-7	1.7	36
225	Bridging the translational innovation gap through good biomarker practice. <i>Nature Reviews Drug Discovery</i> , <b>2017</b> , 16, 587-588	64.1	35
224	Increased lipid peroxidation and abnormal fatty acid profiles in seminal and blood plasma of normozoospermic males from infertile couples. <i>Human Reproduction</i> , <b>2010</b> , 25, 308-16	5.7	35
223	Imaging of Pseudomonas aeruginosa infection with Ga-68 labelled pyoverdine for positron emission tomography. <i>Scientific Reports</i> , <b>2018</b> , 8, 15698	4.9	34
222	Metallacarborane Sulfamides: Unconventional, Specific, and Highly Selective Inhibitors of Carbonic Anhydrase IX. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 9560-9575	8.3	33
221	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> , <b>2009</b> , 44, 891-900	6.8	32
220	Disulfiram's anti-cancer activity reflects targeting NPL4, not inhibition of aldehyde dehydrogenase. <i>Oncogene</i> , <b>2019</b> , 38, 6711-6722	9.2	31
219	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> , <b>2006</b> , 41, 467-74	6.8	31

218	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> , <b>2012</b> , 59, 508-15	3.3	30
217	Biomarkers of Aspergillus spores: Strain typing and protein identification. <i>International Journal of Mass Spectrometry</i> , <b>2009</b> , 280, 162-168	1.9	30
216	Non-small cell lung cancer--genetic predictors. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2013</b> , 157, 125-36	1.7	30
215	Pathophysiologically relevant in vitro tumor models for drug screening. <i>Drug Discovery Today</i> , <b>2015</b> , 20, 848-55	8.8	29
214	Effects of Ginger Phenylpropanoids and Quercetin on Nrf2-ARE Pathway in Human BJ Fibroblasts and HaCaT Keratinocytes. <i>BioMed Research International</i> , <b>2016</b> , 2016, 2173275	3	29
213	Caffeine-hydrazones as anticancer agents with pronounced selectivity toward T-lymphoblastic leukaemia cells. <i>Bioorganic Chemistry</i> , <b>2015</b> , 60, 19-29	5.1	28
212	Fluridil, a rationally designed topical agent for androgenetic alopecia: first clinical experience. <i>Dermatologic Surgery</i> , <b>2002</b> , 28, 678-85	1.7	28
211	BCL2 is an independent predictor of outcome in basal-like triple-negative breast cancers treated with adjuvant anthracycline-based chemotherapy. <i>Tumor Biology</i> , <b>2015</b> , 36, 4243-52	2.9	27
210	Functional p53 in cells contributes to the anticancer effect of the cyclin-dependent kinase inhibitor roscovitine. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 107, 428-37	4.7	26
209	Nonribosomal cyclic peptides: specific markers of fungal infections. <i>Journal of Mass Spectrometry</i> , <b>2006</b> , 41, 563-76	2.2	26
208	Correlation of cytotoxic activity of betulinines and their hydroxy analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 4196-200	2.9	26
207	Batch immunoextraction method for efficient purification of aromatic cytokinins. <i>Journal of Chromatography A</i> , <b>2005</b> , 1100, 116-25	4.5	26
206	MiR-205 functions as a tumor suppressor in adenocarcinoma and an oncogene in squamous cell carcinoma of esophagus. <i>Tumor Biology</i> , <b>2016</b> , 37, 8007-18	2.9	25
205	Risk Score based on microRNA expression signature is independent prognostic classifier of glioblastoma patients. <i>Carcinogenesis</i> , <b>2014</b> , 35, 2756-62	4.6	25
204	Fenretinide differentially modulates the levels of long- and very long-chain ceramides by downregulating Cers5 enzyme: evidence from bench to bedside. <i>Journal of Molecular Medicine</i> , <b>2017</b> , 95, 1053-1064	5.5	25
203	Characterization of pseudacyclins A-E, a suite of cyclic peptides produced by <i>Pseudallescheria boydii</i> . <i>Journal of Natural Products</i> , <b>2010</b> , 73, 1027-32	4.9	25
202	Activation of bovine oocytes by specific inhibition of cyclin-dependent kinases. <i>Molecular Reproduction and Development</i> , <b>2000</b> , 55, 422-32	2.6	25
201	Synthesis and Cytostatic and Antiviral Profiling of Thieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 2411-2424	8.3	24

200	Microtubule affinity-regulating kinases are potential druggable targets for Alzheimer $\beta$ disease. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 4159-4169	10.3	23
199	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> , <b>2018</b> , 24, 4957-4966	4.8	23
198	Dumbbell-shaped peripheral primitive neuroectodermal tumor of the spine--case report and review of the literature. <i>Journal of Neuro-Oncology</i> , <b>2009</b> , 92, 211-7	4.8	22
197	Complex karyotypes in childhood acute lymphoblastic leukemia: cytogenetic and molecular cytogenetic study of 21 cases. <i>Cancer Genetics and Cytogenetics</i> , <b>2003</b> , 145, 161-8		22
196	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> , <b>2015</b> , 96, 482-90	6.8	21
195	Cytotoxic conjugates of betulinic acid and substituted triazoles prepared by Huisgen Cycloaddition from 30-azidoderivatives. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171621	3.7	21
194	7-(2-Thienyl)-7-Deazaadenosine (AB61), a New Potent Nucleoside Cytostatic with a Complex Mode of Action. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 922-37	6.1	21
193	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> , <b>1997</b> , 8, 1007-13	2.4	21
192	Hepatoprotective effect of MMP-19 deficiency in a mouse model of chronic liver fibrosis. <i>PLoS ONE</i> , <b>2012</b> , 7, e46271	3.7	21
191	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> , <b>2014</b> , 57, 8268-79	8.3	20
190	Discrimination of circulating tumor cells of breast cancer and colorectal cancer from normal human mononuclear cells using Raman spectroscopy. <i>Analyst, The</i> , <b>2013</b> , 138, 5983-8	5	20
189	Comblike dendrimers containing Tn antigen modulate natural killing and induce the production of Tn specific antibodies. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 6400-7	8.3	20
188	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> , <b>2000</b> , 68, 1480-4	3.7	20
187	Decreased in vitro chemosensitivity of tumour cells in patients suffering from malignant diseases with poor prognosis. <i>Cytotechnology</i> , <b>1996</b> , 19, 243-5	2.2	20
186	Synthesis and biological evaluation of triterpenoid thiazoles derived from betulonic acid, dihydrobetulonic acid, and ursonic acid. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111806	6.8	20
185	Fenretinide prevents inflammation and airway hyperresponsiveness in a mouse model of allergic asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 51, 783-92	5.7	19
184	Cancer cell resistance to aurora kinase inhibitors: identification of novel targets for cancer therapy. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 455-69	5.6	19
183	Preparation, preliminary screening of new types of steroid conjugates and their activities on steroid receptors. <i>Steroids</i> , <b>2013</b> , 78, 356-61	2.8	19

182	Challenges in cancer research and multifaceted approaches for cancer biomarker quest. <i>FEBS Letters</i> , <b>2009</b> , 583, 1772-84	3.8	19
181	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> , <b>2008</b> , 43, 449-55	6.8	19
180	Ga-labelled desferrioxamine-B for bacterial infection imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 372-382	8.8	19
179	Proteomic profiling reveals DNA damage, nucleolar and ribosomal stress are the main responses to oxaliplatin treatment in cancer cells. <i>Journal of Proteomics</i> , <b>2017</b> , 162, 73-85	3.9	17
178	Synthesis and antiproliferative properties of new hydrophilic esters of triterpenic acids. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 140, 403-420	6.8	17
177	Sulfonamido carboranes as highly selective inhibitors of cancer-specific carbonic anhydrase IX. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 200, 112460	6.8	17
176	Cardiac amyloidosis: from clinical suspicion to morphological diagnosis. <i>Pathology</i> , <b>2018</b> , 50, 261-268	1.6	17
175	Synthesis and cytotoxicity of some D-mannose click conjugates with aminobenzoic acid derivatives. <i>Carbohydrate Research</i> , <b>2012</b> , 361, 1-6	2.9	17
174	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> , <b>2010</b> , 141, 709-714	1.4	17
173	Reproducibility of Uniform Spheroid Formation in 384-Well Plates: The Effect of Medium Evaporation. <i>Journal of Biomolecular Screening</i> , <b>2016</b> , 21, 923-30		16
172	Preparation of Conjugates of Cytotoxic Lupane Triterpenes with Biotin. <i>Bioconjugate Chemistry</i> , <b>2015</b> , 26, 2563-70	6.3	16
171	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> , <b>2012</b> , 41, 1204-12	4.4	16
170	Fetal colon cell line FHC exhibits tumorigenic phenotype, complex karyotype, and TP53 gene mutation. <i>Cancer Genetics and Cytogenetics</i> , <b>2010</b> , 197, 107-16		16
169	Synthesis and cytotoxic activity of various 5-[alkoxy-(4-nitro-phenyl)-methyl]-uracils in their racemic form. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2007</b> , 17, 6647-50	2.9	16
168	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> , <b>2005</b> , 4, 447-54	2.7	16
167	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 Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2010</b> , 154, 281-8	1.7	16
166	Putting translational science on to a global stage. <i>Nature Reviews Drug Discovery</i> , <b>2016</b> , 15, 217-8	64.1	16
165	Natural resistance to intracellular parasites: a study by two-dimensional gel electrophoresis coupled with multivariate analysis. <i>Electrophoresis</i> , <b>1998</b> , 19, 1325-31	3.6	15

164	Synthesis and Cytotoxic Activity of Triterpenoid Thiazoles Derived from Allobetulin, Methyl Betulonate, Methyl Oleanonate, and Oleanonic Acid. <i>ChemMedChem</i> , <b>2017</b> , 12, 390-398	3.7	14
163	Mass Spectrometry Amyloid Typing Is Reproducible across Multiple Organ Sites. <i>BioMed Research International</i> , <b>2019</b> , 2019, 3689091	3	14
162	Identification of Eukaryotic Translation Elongation Factor 1- $\beta$ Gamendazole-Binding Site for Binding of 3-Hydroxy-4(1 H)-quinolinones as Novel Ligands with Anticancer Activity. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 3027-3036	8.3	14
161	Proteomics study of silver nanoparticles on Caco-2 cells. <i>Toxicology in Vitro</i> , <b>2018</b> , 50, 347-372	3.6	14
160	Isocitrate dehydrogenase 1 and 2 mutations in gliomas. <i>Journal of Neuroscience Research</i> , <b>2014</b> , 92, 1611-1620	4.2	14
159	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> , <b>2013</b> , 4, 1497	5	14
158	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> , <b>2015</b> , 17, 446-55	5.1	14
157	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> , <b>2011</b> , 10, 404-15	5.6	14
156	Generalization of DNA microarray dispersion properties: microarray equivalent of t-distribution. <i>Biology Direct</i> , <b>2006</b> , 1, 27	7.2	14
155	Synthesis, characterization and biological activity of two nickel(II) complexes with 6-(2-chlorobenzylamino)purine. <i>Transition Metal Chemistry</i> , <b>2000</b> , 25, 265-269	2.1	14
154	Lupane and 18Ebleanane derivatives substituted in the position 2, their cytotoxicity and influence on cancer cells. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 121, 120-131	6.8	14
153	Synthesis and Cytotoxic and Antiviral Profiling of Pyrrolo- and Furo-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 9347-9359	8.3	14
152	Trilobolide-steroid hybrids: Synthesis, cytotoxic and antimycobacterial activity. <i>Steroids</i> , <b>2017</b> , 117, 97-104	4.8	13
151	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> , <b>2010</b> , 33, 520-4		13
150	Early and Non-invasive Diagnosis of Aspergillosis Revealed by Infection Kinetics Monitored in a Rat Model. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2356	5.7	13
149	The natural cytokinin 2OH3MeOBAR induces cell death by a mechanism that is different from that of the "classical" cytokinin ribosides. <i>Phytochemistry</i> , <b>2017</b> , 136, 156-164	4	12
148	Triterpenic azines, a new class of compounds with selective cytotoxicity to leukemia cells CCRF-CEM. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 483-491	4.1	12
147	Amino-BODIPY as the ratiometric fluorescent sensor for monitoring drug release or "power supply" selector for molecular electronics.. <i>RSC Advances</i> , <b>2019</b> , 9, 25075-25083	3.7	12



146	2-phenylsubstituted-3-hydroxyquinolin-4(1H)-one-carboxamides: Structure-cytotoxic activity relationship study. <i>ACS Combinatorial Science</i> , <b>2011</b> , 13, 39-44	3.9	12
145	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> , <b>2003</b> , 787, 53-61	3.2	12
144	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&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2015</b> , 159, 77-82	1.7	12
143	Estradiol dimer inhibits tubulin polymerization and microtubule dynamics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 183, 68-79	5.1	12
142	Synthesis and cytostatic activity of 7-arylsulfanyl-7-deazapurine bases and ribonucleosides. <i>MedChemComm</i> , <b>2015</b> , 6, 576-580	5	11
141	N-Benzyl Substitution of Polyhydroxypyrrrolidines: The Way to Selective Inhibitors of Golgi $\beta$ -Mannosidase II. <i>ChemMedChem</i> , <b>2018</b> , 13, 373-383	3.7	11
140	Role of tumor hypoxia in acquisition of resistance to microtubule-stabilizing drugs. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2015</b> , 1855, 172-82	11.2	11
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