

Marian Hajduch

List of Publications by Year in descending order

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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	Cannabidiol-induced 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
2	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
3	Nociceptin/orphanin FQ opioid receptor (NOP) selective ligand MCOPPB links anxiolytic and senolytic effects. <i>GeroScience</i> , 2022, 44, 463-483.	2.1	11
4	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
5	2-Cl-IB-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
6	Development and extensive analytical validation of deep amplicon sequencing for detecting KRAS and NRAS mutations in metastatic colorectal cancer samples. <i>Neoplasma</i> , 2022, 69, 203-215.	0.7	0
7	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
8	Visualization of Sentinel Lymph Nodes with Mannosylated Fluorescent Nanodiamonds. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	16
9	One-Step Synthesis of Nanoliposomal Copper Diethyldithiocarbamate and Its Assessment for Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 640.	2.0	12
10	Cellular Senescence: Molecular Targets, Biomarkers, and Senolytic Drugs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4168.	1.8	36
11	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
12	Abstract 1956: Perioperative opioid analgesia affects the circulating tumor cells levels in colorectal cancer patients. <i>Cancer Research</i> , 2022, 82, 1956-1956.	0.4	1
13	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
14	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
15	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
16	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
17	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
18	Synthesis and Antitrypanosomal Activity of 6-Substituted 7-Methyl-7-deazapurine Nucleosides. <i>ACS Infectious Diseases</i> , 2021, 7, 917-926.	1.8	4

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19	Cytoprotective activities of kinetin purine isosteres. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 33, 115993.	1.4	6
20	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
21	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
22	Coronavirus infection: An immunologists' perspective. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e13043.	1.3	10
23	Prevalence and genotype distribution of human papillomavirus in Czech non-vaccinated heterosexual couples. <i>Virology Journal</i> , 2021, 18, 80.	1.4	8
24	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
25	Inhibitors of CA IX Enzyme Based on Polyhedral Boron Compounds. <i>ChemBioChem</i> , 2021, 22, 2741-2761.	1.3	19
26	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
27	Cytotoxicity of AminoBODIPY Modulated via Conjugation with 2-Phenyl-3-Hydroxy-4(1H)-Quinolones. <i>ChemistryOpen</i> , 2021, 10, 1104-1110.	0.9	0
28	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
29	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
30	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
31	Steroid Glycosides Hyrcanoside and Deglucohyrcanoside: On Isolation, Structural Identification, and Anticancer Activity. <i>Foods</i> , 2021, 10, 136.	1.9	11
32	Impact of human papillomavirus infection on semen parameters and reproductive outcomes. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 156.	1.4	12
33	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
34	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
35	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
36	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

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37	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
38	Antimicrobial and cytotoxic activity of (thio)alkyl hexopyranosides, nonionic glycolipid mimetics. <i>Carbohydrate Research</i> , 2020, 488, 107905.	1.1	14
39	Assessing different thiazolidine and thiazole based compounds as antileishmanial scaffolds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127616.	1.0	22
40	Pyrido-Fused Deazapurine Bases: Synthesis and Glycosylation of 4-Substituted 9 <i>H</i> -Pyrido[2 <i>a</i> :3 <i>a</i> :4,5]- and Pyrido[4 <i>a</i> :3 <i>a</i> :4,5]pyrrolo[2,3- <i>d</i>]pyrimidines. <i>ACS Omega</i> , 2020, 5, 26278-26286.	1.6	1
41	Synthesis and Biological Profiling of Pyrazolo-Fused 7-Deazapurine Nucleosides. <i>Journal of Organic Chemistry</i> , 2020, 85, 10539-10551.	1.7	7
42	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
43	Human virus detection with graphene-based materials. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112436.	5.3	140
44	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
45	Treatment of Allergic Asthma with Fenretinide Formulation (LAU-7b) Downregulates ORMDL Sphingolipid Biosynthesis Regulator 3 (<i>Ormdl3</i>) Expression and Normalizes Ceramide Imbalance. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 476-487.	1.3	5
46	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
47	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
48	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
49	Recurrence of surgically treated parasagittal meningiomas: a meta-analysis of risk factors. <i>Acta Neurochirurgica</i> , 2020, 162, 2165-2176.	0.9	6
50	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
51	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
52	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
53	Iodinated Choline Transport-Targeted Tracers. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15960-15978.	2.9	3
54	Pitfalls of commercially available HPV tests in HPV68a detection. <i>PLoS ONE</i> , 2019, 14, e0220373.	1.1	3

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55	Disulfiram's anti-cancer activity reflects targeting NPL4, not inhibition of aldehyde dehydrogenase. <i>Oncogene</i> , 2019, 38, 6711-6722.	2.6	72
56	Amino-BODIPY as the ratiometric fluorescent sensor for monitoring drug release or "power supply" selector for molecular electronics. <i>RSC Advances</i> , 2019, 9, 25075-25083.	1.7	15
57	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
58	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
59	Anti-cancer activities of cytokinin ribosides. <i>Phytochemistry Reviews</i> , 2019, 18, 1101-1113.	3.1	12
60	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
61	Expression of Concern for "Identification of Eukaryotic Translation Elongation Factor 1-1 1 Gamendazole-Binding Site for Binding of 3-Hydroxy-4(1 <i>H</i>)-quinolinones as Novel Ligands with Anticancer Activity". <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8664-8664.	2.9	0
62	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
63	2-Deoxyglycoside Conjugates of Lupane Triterpenoids with High Cytotoxic Activity" Synthesis, Activity, and Pharmacokinetic Profile. <i>Bioconjugate Chemistry</i> , 2019, 30, 2844-2858.	1.8	9
64	Mass Spectrometry Amyloid Typing Is Reproducible across Multiple Organ Sites. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	15
65	Bioavailability and structural study of 20-hydroxyecdysone complexes with cyclodextrins. <i>Steroids</i> , 2019, 147, 37-41.	0.8	5
66	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
67	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
68	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
69	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
70	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
71	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
72	Abstract 3470: The antagonistic functional duality of p21 ^{WAF1/CIP1} in cells derived from multicellular tumor spheroids. , 2019, , .		0

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73	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
74	Identification of Eukaryotic Translation Elongation Factor 1- $\hat{\pm}$ 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
75	Proteomics study of silver nanoparticles on Caco-2 cells. <i>Toxicology in Vitro</i> , 2018, 50, 347-372.	1.1	20
76	Isomeric Naphtho- $\hat{\text{F}}$ -Fused 7- $\hat{\text{D}}$ -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
77	Cardiac amyloidosis: from clinical suspicion to morphological diagnosis. <i>Pathology</i> , 2018, 50, 261-268.	0.3	20
78	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
79	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
80	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
81	Nucleosidic DNA demethylating epigenetic drugs - A comprehensive review from discovery to clinic. , 2018, 188, 45-79.		91
82	<i>N</i> -Benzyl Substitution of Polyhydroxypyrrolidines: The Way to Selective Inhibitors of Golgi $\hat{\pm}$ -Mannosidase...II. <i>ChemMedChem</i> , 2018, 13, 373-383.	1.6	16
83	Label-free determination and multiplex analysis of DNA and RNA in tumor tissues. <i>Applied Materials Today</i> , 2018, 12, 85-91.	2.3	0
84	Toll-Like Receptor 7/8 Ligand, S28463, Suppresses <i>Ascaris suum</i> -induced Allergic Asthma in Nonhuman Primates. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 55-65.	1.4	5
85	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
86	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
87	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
88	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
89	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
90	Estradiol dimer inhibits tubulin polymerization and microtubule dynamics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 183, 68-79.	1.2	16

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91	Genetic Markers in Triple-Negative Breast Cancer. <i>Clinical Breast Cancer</i> , 2018, 18, e841-e850.	1.1	148
92	Thienopyrrolo[2,6-d]pyrimidines, New Tricyclic Nucleobase Analogues: Synthesis and Biological Activities. <i>ChemistrySelect</i> , 2018, 3, 9144-9149.	0.7	2
93	Induction, regulation and roles of neural adhesion molecule L1CAM in cellular senescence. <i>Aging</i> , 2018, 10, 434-462.	1.4	14
94	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, Olomouc, Czechoslovakia</i> , 2018, 162, 65-70.	0.2	2
95	Abstract 5396: Identification of meningioma patients in high risk of tumor recurrence using microRNA profiling. , 2018, , .		0
96	Abstract 455: Cellular response to oxaliplatin treatment shows altered DNA damage, nucleolar and ribosomal stresses as main altered pathways. , 2018, , .		0
97	Abstract 4166: Hair follicles as a minimally invasive resource of epithelial cells in mouse studies of ionizing radiation. , 2018, , .		0
98	Abstract LB-264: Alcohol-aversion drug disulfiram targets cancer via p97 segregase adaptor NPL4. , 2018, , .		0
99	Abstract 3695: Mapping of molecular landscape underlying drug resistance and recurrence in glioblastoma: Paired analysis of primary and recurrent tumors. , 2018, , .		0
100	Abstract 2805: Combretastatins as highly cytotoxic natural compounds. , 2018, , .		0
101	Abstract 4474: An intricate role of p53 and p21 in cellular alterations and drug penetration in spheroids of colorectal cancer cells. , 2018, , .		0
102	Structure-assisted design of carborane inhibitors of human carbonic anhydrase IX. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e197-e197.	0.0	0
103	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
104	The natural cytokinin 2OH3MeOBAR induces cell death by a mechanism that is different from that of the "classical" cytokinin ribosides. <i>Phytochemistry</i> , 2017, 136, 156-164.	1.4	14
105	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
106	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
107	YAP regulates cell mechanics by controlling focal adhesion assembly. <i>Nature Communications</i> , 2017, 8, 15321.	5.8	431
108	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

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109	Bridging the translational innovation gap through good biomarker practice. Nature Reviews Drug Discovery, 2017, 16, 587-588.	21.5	48
110	Cell-based DNA demethylation detection system for screening of epigenetic drugs in 2D, 3D, and xenograft models. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 133-143.	1.1	8
111	Microtubule affinity-regulating kinases are potential druggable targets for Alzheimer's disease. Cellular and Molecular Life Sciences, 2017, 74, 4159-4169.	2.4	36
112	Cellular effects of the microtubule-targeting agent peloruside A in hypoxia-conditioned colorectal carcinoma cells. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1833-1843.	1.1	5
113	Assessing opportunities for coordinated R&D in early cancer detection and management in Europe. International Journal of Cancer, 2017, 140, 1700-1701.	2.3	1
114	In Search of System-Wide Productivity Gains - The Role of Global Collaborations in Preclinical Translation. Clinical and Translational Science, 2017, 10, 423-425.	1.5	2
115	Synthesis and antiproliferative properties of new hydrophilic esters of triterpenic acids. European Journal of Medicinal Chemistry, 2017, 140, 403-420.	2.6	22
116	Sugar modified pyrimido[4,5-b]indole nucleosides: synthesis and antiviral activity. MedChemComm, 2017, 8, 1856-1862.	3.5	13
117	Alcohol-abuse drug disulfiram targets cancer via p97 segregase adaptor NPL4. Nature, 2017, 552, 194-199.	13.7	516
118	Fenretinide differentially modulates the levels of long- and very long-chain ceramides by downregulating Cers5 enzyme: evidence from bench to bedside. Journal of Molecular Medicine, 2017, 95, 1053-1064.	1.7	34
119	Trilobolide-steroid hybrids: Synthesis, cytotoxic and antimycobacterial activity. Steroids, 2017, 117, 97-104.	0.8	15
120	Evaporation-reducing Culture Condition Increases the Reproducibility of Multicellular Spheroid Formation in Microtiter Plates. Journal of Visualized Experiments, 2017, , .	0.2	4
121	Cytotoxic conjugates of betulinic acid and substituted triazoles prepared by Huisgen Cycloaddition from 30-azidoderivatives. PLoS ONE, 2017, 12, e0171621.	1.1	32
122	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. Klinicka Onkologie, 2017, 30, 361-371.	0.1	6
123	Abstract 3254: Identification of potent anti-tumor agents from the LOPAC library using a unified 2D/3D cell culture screening approach. , 2017, , .		0
124	Abstract 207: Reliable identification of mutations in bottom-up proteomics. , 2017, , .		0
125	Abstract 2717: Identification of three distinct molecular subtypes in meningioma samples using microarrays for copy-number variants. , 2017, , .		0
126	Abstract 5100: AB61, a new potent nucleoside cytostatic: Molecular mechanisms of action and preclinical activity. , 2017, , .		0

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127	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
128	Biomarkers in Immunoglobulin Light Chain Amyloidosis. <i>Klinicka Onkologie</i> , 2017, 30, 2S60-2S67.	0.1	4
129	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
130	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
131	P06.10 A retrospective single-center study of IDH mutations in gliomas. <i>Neuro-Oncology</i> , 2016, 18, iv29-iv30.	0.6	0
132	Frequency of chromosome 17 polysomy in relation to CEP17 copy number in a large breast cancer cohort. <i>Genes Chromosomes and Cancer</i> , 2016, 55, 409-417.	1.5	15
133	Putting translational science on to a global stage. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 217-218.	21.5	21
134	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
135	Glioblastoma multiforme in patients with history of extracranial cancer: Case series. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 39-43.	0.6	3
136	Reproducibility of Uniform Spheroid Formation in 384-Well Plates. <i>Journal of Biomolecular Screening</i> , 2016, 21, 923-930.	2.6	23
137	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
138	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
139	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
140	Two Novel Mutations in Ribosomal Proteins in the Czech National Diamond-Blackfan Anemia Registry. <i>Blood</i> , 2016, 128, 3903-3903.	0.6	1
141	Role of Salmonella Typhi Vi Antigen and Secretory Systems on Immune Response. <i>Current Pharmaceutical Design</i> , 2016, 22, 6251-6260.	0.9	9
142	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
143	Characterization of iron metabolism and erythropoiesis in erythrocyte membrane defects and thalassemia traits. <i>Biomedical Papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia</i> , 2016, 160, 231-237.	0.2	6
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