

# Jindrich Cinatl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5623220/publications.pdf>

Version: 2024-02-01

182  
papers

15,136  
citations

31902

53  
h-index

21474

114  
g-index

209  
all docs

209  
docs citations

209  
times ranked

23237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Novel Coronavirus in Patients with Severe Acute Respiratory Syndrome. <i>New England Journal of Medicine</i> , 2003, 348, 1967-1976.	13.9	3,971
2	Proteomics of SARS-CoV-2-infected host cells reveals therapy targets. <i>Nature</i> , 2020, 583, 469-472.	13.7	841
3	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. <i>Nature</i> , 2020, 587, 657-662.	13.7	818
4	Evidence of SARS-CoV-2 Infection in Returning Travelers from Wuhan, China. <i>New England Journal of Medicine</i> , 2020, 382, 1278-1280.	13.9	514
5	Antiviral Activity of Glycyrrhizic Acid Derivatives against SARS-associated Coronavirus. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 1256-1259.	2.9	334
6	HIV protease inhibitor nelfinavir inhibits replication of SARS-associated coronavirus. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 719-725.	1.0	276
7	Anti-tumor mechanisms of valproate: A novel role for an old drug. <i>Medicinal Research Reviews</i> , 2002, 22, 492-511.	5.0	244
8	The Story of Human Cytomegalovirus and Cancer: Increasing Evidence and Open Questions. <i>Neoplasia</i> , 2009, 11, 1-9.	2.3	241
9	Ribavirin and interferon- $\beta$ synergistically inhibit SARS-associated coronavirus replication in animal and human cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 905-908.	1.0	212
10	Valproic Acid Inhibits Angiogenesis in Vitro and in Vivo. <i>Molecular Pharmacology</i> , 2004, 65, 520-527.	1.0	205
11	Growth Factor Receptor Signaling Inhibition Prevents SARS-CoV-2 Replication. <i>Molecular Cell</i> , 2020, 80, 164-174.e4.	4.5	199
12	Evolving anticancer drug valproic acid: Insights into the mechanism and clinical studies. <i>Medicinal Research Reviews</i> , 2005, 25, 383-397.	5.0	191
13	SARS-CoV-2 infects and induces cytotoxic effects in human cardiomyocytes. <i>Cardiovascular Research</i> , 2020, 116, 2207-2215.	1.8	189
14	N-acetyl-L-cysteine (NAC) inhibits virus replication and expression of pro-inflammatory molecules in A549 cells infected with highly pathogenic H5N1 influenza A virus. <i>Biochemical Pharmacology</i> , 2010, 79, 413-420.	2.0	171
15	The SARS-CoV-2 main protease M <sup>pro</sup> causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. <i>Nature Neuroscience</i> , 2021, 24, 1522-1533.	7.1	164
16	Differential antiviral and anti-inflammatory mechanisms of the flavonoids biochanin A and baicalein in H5N1 influenza A virus-infected cells. <i>Antiviral Research</i> , 2013, 97, 41-48.	1.9	156
17	Toona sinensis Roem tender leaf extract inhibits SARS coronavirus replication. <i>Journal of Ethnopharmacology</i> , 2008, 120, 108-111.	2.0	143
18	Retroviral Vectors Pseudotyped with Severe Acute Respiratory Syndrome Coronavirus S Protein. <i>Journal of Virology</i> , 2004, 78, 9007-9015.	1.5	139

#	ARTICLE	IF	CITATIONS
19	Glycyrrhizin Exerts Antioxidative Effects in H5N1 Influenza A Virus-Infected Cells and Inhibits Virus Replication and Pro-Inflammatory Gene Expression. <i>PLoS ONE</i> , 2011, 6, e19705.	1.1	135
20	SAMHD1 is a biomarker for cytarabine response and a therapeutic target in acute myeloid leukemia. <i>Nature Medicine</i> , 2017, 23, 250-255.	15.2	121
21	A Novel Type of Influenza Vaccine: Safety and Immunogenicity of Replication-Deficient Influenza Virus Created by Deletion of the Interferon Antagonist NS1. <i>Journal of Infectious Diseases</i> , 2010, 201, 354-362.	1.9	118
22	Investigation of the influence of EPs® 7630, a herbal drug preparation from <i>Pelargonium sidoides</i> , on replication of a broad panel of respiratory viruses. <i>Phytomedicine</i> , 2011, 18, 384-386.	2.3	116
23	Cisplatin resistance in non-small cell lung cancer cells is associated with an abrogation of cisplatin-induced G2/M cell cycle arrest. <i>PLoS ONE</i> , 2017, 12, e0181081.	1.1	114
24	Lack of antiviral activity of darunavir against SARS-CoV-2. <i>International Journal of Infectious Diseases</i> , 2020, 97, 7-10.	1.5	108
25	Oncomodulatory signals by regulatory proteins encoded by human cytomegalovirus: a novel role for viral infection in tumor progression. <i>FEMS Microbiology Reviews</i> , 2004, 28, 59-77.	3.9	104
26	Anti-cancer effects of artesunate in a panel of chemoresistant neuroblastoma cell lines. <i>Biochemical Pharmacology</i> , 2010, 79, 130-136.	2.0	100
27	Novel swine-origin influenza A virus in humans: another pandemic knocking at the door. <i>Medical Microbiology and Immunology</i> , 2009, 198, 175-183.	2.6	98
28	Histone deacetylase inhibitors suppress natural killer cell cytolytic activity. <i>FEBS Letters</i> , 2007, 581, 1317-1322.	1.3	96
29	Myrtucommulone from <i>Myrtus communis</i> induces apoptosis in cancer cells via the mitochondrial pathway involving caspase-9. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 119-131.	2.2	96
30	The clinical value of neutrophil extracellular traps. <i>Medical Microbiology and Immunology</i> , 2009, 198, 211-219.	2.6	96
31	Interaction of folate-conjugated human serum albumin (HSA) nanoparticles with tumour cells. <i>International Journal of Pharmaceutics</i> , 2011, 406, 128-134.	2.6	94
32	Sodium valproate inhibits in vivo growth of human neuroblastoma cells. <i>Anti-Cancer Drugs</i> , 1997, 8, 958-963.	0.7	92
33	Reversal of P-glycoprotein-Mediated Multidrug Resistance by the Murine Double Minute 2 Antagonist Nutlin-3. <i>Cancer Research</i> , 2009, 69, 416-421.	0.4	89
34	Reduced interferon antagonism but similar drug sensitivity in Omicron variant compared to Delta variant of SARS-CoV-2 isolates. <i>Cell Research</i> , 2022, 32, 319-321.	5.7	89
35	Minocycline inhibits West Nile virus replication and apoptosis in human neuronal cells. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 981-986.	1.3	88
36	Valproate and Valproate-Analogues: Potent Tools to Fight Against Cancer. <i>Current Medicinal Chemistry</i> , 2002, 9, 1417-1433.	1.2	86

#	ARTICLE	IF	CITATIONS
37	Human cytomegalovirus retinitis: pathogenicity, immune evasion and persistence. Trends in Microbiology, 2003, 11, 171-178.	3.5	82
38	Antitumor activity of sodium valproate in cultures of human neuroblastoma cells. Anti-Cancer Drugs, 1996, 7, 766-773.	0.7	80
39	Primary Cilia Mediate Diverse Kinase Inhibitor Resistance Mechanisms in Cancer. Cell Reports, 2018, 23, 3042-3055.	2.9	77
40	Molecular mechanisms of the modulatory effects of HCMV infection in tumor cell biology. Trends in Molecular Medicine, 2004, 10, 19-23.	3.5	76
41	Checkpoint kinase inhibitor AZD7762 strongly sensitises urothelial carcinoma cells to gemcitabine. Journal of Experimental and Clinical Cancer Research, 2017, 36, 1.	3.5	76
42	Aprotinin Inhibits SARS-CoV-2 Replication. Cells, 2020, 9, 2377.	1.8	72
43	Identification of flubendazole as potential anti-neuroblastoma compound in a large cell line screen. Scientific Reports, 2015, 5, 8202.	1.6	68
44	Optimized qRT-PCR Approach for the Detection of Intra- and Extra-Cellular SARS-CoV-2 RNAs. International Journal of Molecular Sciences, 2020, 21, 4396.	1.8	68
45	Glycyrrhizin inhibits highly pathogenic H5N1 influenza A virus-induced pro-inflammatory cytokine and chemokine expression in human macrophages. Medical Microbiology and Immunology, 2010, 199, 291-297.	2.6	67
46	Decreased Neutrophil Adhesion to Human Cytomegalovirus-Infected Retinal Pigment Epithelial Cells Is Mediated by Virus-Induced Up-Regulation of Fas Ligand Independent of Neutrophil Apoptosis. Journal of Immunology, 2000, 165, 4405-4413.	0.4	65
47	A SARS-CoV-2 cytopathicity dataset generated by high-content screening of a large drug repurposing collection. Scientific Data, 2021, 8, 70.	2.4	65
48	Chemoresistance is associated with increased cytoprotective autophagy and diminished apoptosis in bladder cancer cells treated with the BH3 mimetic (âˆ™)-Gossypol (AT-101). BMC Cancer, 2015, 15, 224.	1.1	64
49	Artesunate Impairs Growth in Cisplatin-Resistant Bladder Cancer Cells by Cell Cycle Arrest, Apoptosis and Autophagy Induction. Cells, 2020, 9, 2643.	1.8	63
50	Development of antiviral therapy for severe acute respiratory syndrome. Antiviral Research, 2005, 66, 81-97.	1.9	62
51	Inhibition of cytomegalovirus immediate early gene expression: a therapeutic option?. Antiviral Research, 2001, 49, 129-145.	1.9	61
52	Development of resistance to vincristine and doxorubicin in neuroblastoma alters malignant properties and induces additional karyotype changes: A preclinical model. International Journal of Cancer, 2003, 104, 36-43.	2.3	58
53	Biochemical characterization of protease activity of Nsp3 from SARS-CoV-2 and its inhibition by nanobodies. PLoS ONE, 2021, 16, e0253364.	1.1	55
54	Human cytomegalovirus infection in tumor cells of the nervous system is not detectable with standardized pathologico-virological diagnostics. Neuro-Oncology, 2014, 16, 1469-1477.	0.6	54

#	ARTICLE	IF	CITATIONS
55	Anticancer Effects of the Nitric Oxide-Modified Saquinavir Derivative Saquinavir-NO against Multidrug-Resistant Cancer Cells. <i>Neoplasia</i> , 2010, 12, 1023-1027.	2.3	51
56	Comparison of pro-inflammatory cytokine expression and cellular signal transduction in human macrophages infected with different influenza A viruses. <i>Medical Microbiology and Immunology</i> , 2011, 200, 53-60.	2.6	51
57	Oncomodulation by human cytomegalovirus: novel clinical findings open new roads. <i>Medical Microbiology and Immunology</i> , 2011, 200, 1-5.	2.6	50
58	Multimutated Herpes Simplex Virus G207 Is a Potent Inhibitor of Angiogenesis. <i>Neoplasia</i> , 2004, 6, 725-735.	2.3	49
59	Cisplatin-Resistant Neuroblastoma Cells Express Enhanced Levels of Epidermal Growth Factor Receptor (EGFR) and Are Sensitive to Treatment with EGFR-Specific Toxins. <i>Clinical Cancer Research</i> , 2008, 14, 6531-6537.	3.2	48
60	Doxorubicin-loaded human serum albumin nanoparticles overcome transporter-mediated drug resistance in drug-adapted cancer cells. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1707-1715.	1.5	48
61	Werner Helicase Is a Synthetic-Lethal Vulnerability in Mismatch Repair-Deficient Colorectal Cancer Refractory to Targeted Therapies, Chemotherapy, and Immunotherapy. <i>Cancer Discovery</i> , 2021, 11, 1923-1937.	7.7	48
62	Drug-Resistant Urothelial Cancer Cell Lines Display Diverse Sensitivity Profiles to Potential Second-Line Therapeutics. <i>Translational Oncology</i> , 2015, 8, 210-216.	1.7	47
63	Of Chickens and Men: Avian Influenza in Humans. <i>Current Molecular Medicine</i> , 2009, 9, 131-151.	0.6	46
64	Onconase induces caspase-independent cell death in chemoresistant neuroblastoma cells. <i>Cancer Letters</i> , 2007, 250, 107-116.	3.2	45
65	The threat of avian influenza A (H5N1). Part I: epidemiologic concerns and virulence determinants. <i>Medical Microbiology and Immunology</i> , 2007, 196, 181-190.	2.6	43
66	Selective inactivation of hypomethylating agents by SAMHD1 provides a rationale for therapeutic stratification in AML. <i>Nature Communications</i> , 2019, 10, 3475.	5.8	43
67	Famotidine inhibits toll-like receptor 3-mediated inflammatory signaling in SARS-CoV-2 infection. <i>Journal of Biological Chemistry</i> , 2021, 297, 100925.	1.6	43
68	Human Cytomegalovirus Circumvents NF- $\kappa$ B Dependence in Retinal Pigment Epithelial Cells. <i>Journal of Immunology</i> , 2001, 167, 1900-1908.	0.4	42
69	Long-term productive human cytomegalovirus infection of a human neuroblastoma cell line. , 1996, 65, 90-96.		41
70	Potent oncolytic activity of multimutated herpes simplex virus G207 in combination with vincristine against human rhabdomyosarcoma. <i>Cancer Research</i> , 2003, 63, 1508-14.	0.4	41
71	Role of interferons in the treatment of severe acute respiratory syndrome. <i>Expert Opinion on Biological Therapy</i> , 2004, 4, 827-836.	1.4	40
72	Inhibition of apoptosis prevents West Nile virus induced cell death. <i>BMC Microbiology</i> , 2007, 7, 49.	1.3	40

#	ARTICLE	IF	CITATIONS
73	The threat of avian influenza A (H5N1). Part IV: development of vaccines. <i>Medical Microbiology and Immunology</i> , 2007, 196, 213-225.	2.6	40
74	Effects of YM155 on survivin levels and viability in neuroblastoma cells with acquired drug resistance. <i>Cell Death and Disease</i> , 2016, 7, e2410-e2410.	2.7	40
75	Aurora Kinases as Targets in Drug-Resistant Neuroblastoma Cells. <i>PLoS ONE</i> , 2014, 9, e108758.	1.1	39
76	Oncomodulation by human cytomegalovirus: evidence becomes stronger. <i>Medical Microbiology and Immunology</i> , 2009, 198, 79-81.	2.6	38
77	Role of tumor cell immune escape mechanisms in cytomegalovirus-mediated oncomodulation. <i>Medicinal Research Reviews</i> , 2005, 25, 167-185.	5.0	37
78	Oncolytic Effects of a Novel Influenza A Virus Expressing Interleukin-15 from the NS Reading Frame. <i>PLoS ONE</i> , 2012, 7, e36506.	1.1	37
79	Infection of Human Retinal Pigment Epithelial Cells with Influenza A Viruses. , 2009, 50, 5419.		36
80	Effects of flavonoid-induced oxidative stress on anti-H5N1 influenza a virus activity exerted by baicalein and biochanin A. <i>BMC Research Notes</i> , 2014, 7, 384.	0.6	36
81	Increased Replication of Human Cytomegalovirus in Retinal Pigment Epithelial Cells by Valproic Acid Depends on Histone Deacetylase Inhibition. , 2005, 46, 3451.		35
82	Immunotherapy in gliomas: limitations and potential of natural killer (NK) cell therapy. <i>Trends in Molecular Medicine</i> , 2011, 17, 433-441.	3.5	35
83	Shikonin Reduces Growth of Docetaxel-Resistant Prostate Cancer Cells Mainly through Necroptosis. <i>Cancers</i> , 2021, 13, 882.	1.7	35
84	Human Cytomegalovirus Infection of Tumor Cells Downregulates NCAM (CD56): A Novel Mechanism for Virus-Induced Tumor Invasiveness'. <i>Neoplasia</i> , 2004, 6, 323-331.	2.3	34
85	In Vitro Replication of Varicella-Zoster Virus in Human Retinal Pigment Epithelial Cells. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2122-2124.	1.8	34
86	Human Mesenchymal Stromal Cells Are Resistant to SARS-CoV-2 Infection under Steady-State, Inflammatory Conditions and in the Presence of SARS-CoV-2-Infected Cells. <i>Stem Cell Reports</i> , 2021, 16, 419-427.	2.3	34
87	The multi-targeted kinase inhibitor sorafenib inhibits human cytomegalovirus replication. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1079-1090.	2.4	33
88	Increased susceptibility of human endothelial cells to infections by SARS-CoV-2 variants. <i>Basic Research in Cardiology</i> , 2021, 116, 42.	2.5	33
89	Human Cytomegalovirus Infection Alters PC3 Prostate Carcinoma Cell Adhesion to Endothelial Cells, Extracellular Matrix. <i>Neoplasia</i> , 2006, 8, 807-816.	2.3	32
90	Resistance to Cytarabine Induces the Up-regulation of NKG2D Ligands and Enhances Natural Killer Cell Lysis of Leukemic Cells. <i>Neoplasia</i> , 2008, 10, 1402-1410.	2.3	32

#	ARTICLE	IF	CITATIONS
91	COVID-19-Related Coagulopathy—Is Transferrin a Missing Link?. <i>Diagnostics</i> , 2020, 10, 539.	1.3	32
92	Chemoresistance induces enhanced adhesion and transendothelial penetration of neuroblastoma cells by down-regulating NCAM surface expression. <i>BMC Cancer</i> , 2006, 6, 294.	1.1	31
93	Mcl-1-Mediated Impairment of the Intrinsic Apoptosis Pathway in Circulating Neutrophils from Critically Ill Patients Can Be Overcome by Fas Stimulation. <i>Journal of Immunology</i> , 2009, 183, 6198-6206.	0.4	31
94	The structural basis for cancer drug interactions with the catalytic and allosteric sites of SAMHD1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10022-E10031.	3.3	30
95	In vitro activity of itraconazole against SARS-CoV-2. <i>Journal of Medical Virology</i> , 2021, 93, 4454-4460.	2.5	30
96	In vitro differentiation of human neuroblastoma cells induced by sodium phenylacetate. <i>Cancer Letters</i> , 1993, 70, 15-24.	3.2	29
97	Fas/FasL interaction: A novel immune therapy approach with immobilized biologicals. <i>Medicinal Research Reviews</i> , 2005, 25, 331-342.	5.0	29
98	Key Players of Cisplatin Resistance: Towards a Systems Pharmacology Approach. <i>International Journal of Molecular Sciences</i> , 2018, 19, 767.	1.8	29
99	Increased malignant behavior in neuroblastoma cells with acquired multi-drug resistance does not depend on P-gp expression. <i>International Journal of Oncology</i> , 2005, 27, 1029-37.	1.4	29
100	Increased human cytomegalovirus replication in fibroblasts after treatment with therapeutical plasma concentrations of valproic acid. <i>Biochemical Pharmacology</i> , 2004, 68, 531-538.	2.0	28
101	Microwave-assisted synthesis of highly crystalline, multifunctional iron oxide nanocomposites for imaging applications. <i>RSC Advances</i> , 2016, 6, 83520-83528.	1.7	28
102	Bovine seminal ribonuclease attached to nanoparticles made of polylactic acid kills leukemia and lymphoma cell lines in vitro. <i>Anti-Cancer Drugs</i> , 2000, 11, 369-376.	0.7	27
103	Induction of differentiation and suppression of malignant phenotype of human neuroblastoma BE(2)-C cells by valproic acid: Enhancement by combination with interferon- $\beta$ . <i>International Journal of Oncology</i> , 2002, 20, 97.	1.4	26
104	Isolation, Characterization, Differentiation and Immunomodulatory Capacity of Mesenchymal Stromal/Stem Cells from Human Perirenal Adipose Tissue. <i>Cells</i> , 2019, 8, 1346.	1.8	26
105	Induction of differentiation and suppression of malignant phenotype of human neuroblastoma BE(2)-C cells by valproic acid: enhancement by combination with interferon-alpha. <i>International Journal of Oncology</i> , 2002, 20, 97-106.	1.4	26
106	Ribavirin inhibits angiogenesis by tetrahydrobiopterin depletion. <i>FASEB Journal</i> , 2007, 21, 81-87.	0.2	25
107	The threat of avian influenza A (H5N1). Part III: antiviral therapy. <i>Medical Microbiology and Immunology</i> , 2007, 196, 203-212.	2.6	25
108	Chemoresistance acquisition induces a global shift of expression of angiogenesis-associated genes and increased pro-angiogenic activity in neuroblastoma cells. <i>Molecular Cancer</i> , 2009, 8, 80.	7.9	25



#	ARTICLE	IF	CITATIONS
109	Molecular characterization of EP6â€”A novel imidazo[1,2-a]pyridine based direct 5-lipoxygenase inhibitor. <i>Biochemical Pharmacology</i> , 2012, 83, 228-240.	2.0	25
110	Testing of SNS-032 in a Panel of Human Neuroblastoma Cell Lines with Acquired Resistance to a Broad Range of Drugs. <i>Translational Oncology</i> , 2013, 6, 685-IN18.	1.7	25
111	Targeting the Pentose Phosphate Pathway for SARS-CoV-2 Therapy. <i>Metabolites</i> , 2021, 11, 699.	1.3	25
112	High-dose hydrocortisone reduces expression of the pro-inflammatory chemokines CXCL8 and CXCL10 in SARS coronavirus-infected intestinal cells. <i>International Journal of Molecular Medicine</i> , 2005, 15, 323-7.	1.8	25
113	Resistance acquisition to MDM2 inhibitors. <i>Biochemical Society Transactions</i> , 2014, 42, 752-757.	1.6	24
114	Pharmacological activity of DTPA linked to protein-based drug carrier systems. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 1236-1240.	1.0	23
115	West Nile Virus Infection Induces Interferon Signalling in Human Retinal Pigment Epithelial Cells. <i>Investigative Ophthalmology and Visual Science</i> , 2006, 47, 645-651.	3.3	23
116	Novel valproic acid derivatives with potent differentiation-inducing activity in myeloid leukemia cells. <i>Leukemia Research</i> , 2006, 30, 1167-1175.	0.4	23
117	SAMHD1 is a key regulator of the lineage-specific response of acute lymphoblastic leukaemias to nelarabine. <i>Communications Biology</i> , 2020, 3, 324.	2.0	23
118	Tumor cells infected with oncolytic influenza A virus prime natural killer cells for lysis of resistant tumor cells. <i>Medical Microbiology and Immunology</i> , 2010, 199, 93-101.	2.6	22
119	SARS-CoV-2 Omicron variant virus isolates are highly sensitive to interferon treatment. <i>Cell Discovery</i> , 2022, 8, 42.	3.1	22
120	The antisense oligonucleotide ISIS 2922 prevents cytomegalovirus-induced upregulation of IL-8 and ICAM-1 in cultured human fibroblasts. , 2000, 60, 313-323.		21
121	NK sensitivity of neuroblastoma cells determined by a highly sensitive coupled luminescent method. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 375-379.	1.0	21
122	Role of human cytomegalovirus genotype polymorphisms in AIDS patients with cytomegalovirus retinitis. <i>Medical Microbiology and Immunology</i> , 2013, 202, 37-47.	2.6	21
123	Karanjin interferes with ABCB1, ABCC1, and ABCG2. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2014, 17, 92.	0.9	21
124	Thiourea and Guanidine Compounds and Their Iridium Complexes in Drugâ€”Resistant Cancer Cell Lines: Structureâ€”Activity Relationships and Direct Luminescent Imaging. <i>ChemMedChem</i> , 2020, 15, 349-353.	1.6	21
125	Resistance to nanoparticle albumin-bound paclitaxel is mediated by ABCB1 in urothelial cancer cells. <i>Oncology Letters</i> , 2017, 13, 4085-4092.	0.8	20
126	Incorporation of doxorubicin in different polymer nanoparticles and their anticancer activity. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2062-2072.	1.5	20



#	ARTICLE	IF	CITATIONS
127	CETSA interaction proteomics define specific RNA-modification pathways as key components of fluorouracil-based cancer drug cytotoxicity. <i>Cell Chemical Biology</i> , 2022, 29, 572-585.e8.	2.5	18
128	High-dose hydrocortisone reduces expression of the pro-inflammatory chemokines CXCL8 and CXCL10 in SARS coronavirus-infected intestinal cells. <i>International Journal of Molecular Medicine</i> , 2005, 15, 323.	1.8	17
129	Tumor-Endothelium Cross Talk Blocks Recruitment of Neutrophils to Endothelial Cells: A Novel Mechanism of Endothelial Cell Energy. <i>Neoplasia</i> , 2009, 11, 1054-1063.	2.3	17
130	ANTIVIRAL AND IMMUNOMODULATORY EFFECTS OF DESFERRIOXAMINE IN CYTOMEGALOVIRUS-INFECTED RAT LIVER ALLOGRAFTS WITH REJECTION <sup>1</sup> . <i>Transplantation</i> , 1999, 68, 1753-1761.	0.5	17
131	Induction of myogenic differentiation in a human rhabdomyosarcoma cell line by phenylacetate. <i>Cancer Letters</i> , 1994, 78, 41-48.	3.2	16
132	Mycophenolate mofetil increases adhesion capacity of tumor cells in vitro <sup>1</sup> . <i>Transplantation</i> , 2003, 76, 1735-1741.	0.5	16
133	Cytomegalovirus-specific cytokine-induced killer cells: concurrent targeting of leukemia and cytomegalovirus. <i>Cytotherapy</i> , 2015, 17, 1139-1151.	0.3	16
134	The Thrombopoietin Receptor Agonist Eltrombopag Inhibits Human Cytomegalovirus Replication Via Iron Chelation. <i>Cells</i> , 2020, 9, 31.	1.8	16
135	Drug-adapted cancer cell lines as preclinical models of acquired resistance. , 2019, 2, 447-456.		16
136	The threat of avian influenza a (H5N1): part II: Clues to pathogenicity and pathology. <i>Medical Microbiology and Immunology</i> , 2007, 196, 191-201.	2.6	15
137	Aphidicolin selectively kills neuroblastoma cells in vitro. <i>Cancer Letters</i> , 1992, 67, 199-206.	3.2	14
138	Activation of Telomerase in Glioma Cells by Human Cytomegalovirus: Another Piece of the Puzzle. <i>Journal of the National Cancer Institute</i> , 2009, 101, 441-443.	3.0	14
139	First Efficacy and Safety Results with the Antibody Containing Leukocyte Inhibition Module in Cardiac Surgery Patients with Neutrophil Hyperactivity. <i>ASAIO Journal</i> , 2005, 51, 144-147.	0.9	13
140	A novel immunomodulatory mechanism of ribavirin in suppressing natural killer cell function. <i>Biochemical Pharmacology</i> , 2010, 79, 188-197.	2.0	13
141	Chemotherapy-Associated Angiogenesis in Neuroblastoma Tumors. <i>American Journal of Pathology</i> , 2012, 180, 1370-1377.	1.9	13
142	Differential Effects of the Oncogenic BRAF Inhibitor PLX4032 (Vemurafenib) and its Progenitor PLX4720 on ABCB1 Function. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2014, 17, 154.	0.9	13
143	Association between acquired resistance to PLX4032 (vemurafenib) and ATP-binding cassette transporter expression. <i>BMC Research Notes</i> , 2014, 7, 710.	0.6	13
144	Ibuprofen, Flurbiprofen, Etoricoxib or Paracetamol Do Not Influence ACE2 Expression and Activity In Vitro or in Mice and Do Not Exacerbate In-Vitro SARS-CoV-2 Infection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1049.	1.8	13

#	ARTICLE	IF	CITATIONS
145	Artesunate Inhibits the Growth Behavior of Docetaxel-Resistant Prostate Cancer Cells. <i>Frontiers in Oncology</i> , 2022, 12, 789284.	1.3	13
146	Development and optimization of a high-throughput screening assay for in vitro anti-SARS-CoV-2 activity: Evaluation of 5676 Phase 1 Passed Structures. <i>Journal of Medical Virology</i> , 2022, 94, 3101-3111.	2.5	13
147	A method for the rational selection of drug repurposing candidates from multimodal knowledge harmonization. <i>Scientific Reports</i> , 2021, 11, 11049.	1.6	12
148	Omeprazole Increases the Efficacy of Acyclovir Against Herpes Simplex Virus Type 1 and 2. <i>Frontiers in Microbiology</i> , 2019, 10, 2790.	1.5	11
149	Enzastaurin inhibits ABCB1-mediated drug efflux independently of effects on protein kinase C signalling and the cellular p53 status. <i>Oncotarget</i> , 2015, 6, 17605-17620.	0.8	11
150	Valproic acid and interferon- $\beta$ synergistically inhibit neuroblastoma cell growth in vitro and in vivo. <i>International Journal of Oncology</i> , 2004, 25, 1795.	1.4	10
151	Impact of persistent cytomegalovirus infection on human neuroblastoma cell gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 395-401.	1.0	10
152	ABCG2 impairs the activity of the aurora kinase inhibitor tozasertib but not of alisertib. <i>BMC Research Notes</i> , 2015, 8, 484.	0.6	10
153	Thrombin induces Sp1-mediated antiviral effects in cytomegalovirus-infected human retinal pigment epithelial cells. <i>Medical Microbiology and Immunology</i> , 2004, 193, 195-203.	2.6	9
154	Synthetic lethal hubs associated with vincristine resistant neuroblastoma. <i>Molecular BioSystems</i> , 2011, 7, 200-214.	2.9	9
155	The anti-tumoral drug enzastaurin inhibits natural killer cell cytotoxicity via activation of glycogen synthase kinase-3 $\beta$ . <i>Biochemical Pharmacology</i> , 2011, 81, 251-258.	2.0	9
156	Blocking integrin $\beta$ 1 decreases adhesion in chemoresistant urothelial cancer cell lines. <i>Oncology Letters</i> , 2017, 14, 5513-5518.	0.8	9
157	Differentially conserved amino acid positions may reflect differences in SARS-CoV-2 and SARS-CoV behaviour. <i>Bioinformatics</i> , 2021, 37, 2282-2288.	1.8	9
158	Characterization of ACE Inhibitors and AT1R Antagonists with Regard to Their Effect on ACE2 Expression and Infection with SARS-CoV-2 Using a Caco-2 Cell Model. <i>Life</i> , 2021, 11, 810.	1.1	9
159	A Potential Role of the CD47/SIRPalpha Axis in COVID-19 Pathogenesis. <i>Current Issues in Molecular Biology</i> , 2021, 43, 1212-1225.	1.0	9
160	Differences between intrinsic and acquired nucleoside analogue resistance in acute myeloid leukaemia cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 317.	3.5	9
161	Lymphocytes induce enhanced expression of HLA class I antigens on cytomegalovirus-infected syngeneic human endothelial cells. <i>Human Immunology</i> , 1995, 44, 136-144.	1.2	8
162	Thrombin stimulates IL-6 and IL-8 expression in cytomegalovirus-infected human retinal pigment epithelial cells. <i>International Journal of Molecular Medicine</i> , 2004, 13, 327.	1.8	8

#	ARTICLE	IF	CITATIONS
163	Valproic acid interferes with antiviral treatment in human cytomegalovirus-infected endothelial cells. <i>Cardiovascular Research</i> , 2007, 77, 544-550.	1.8	8
164	Selection of proangiogenic ascorbate derivatives and their exploitation in a novel drug-releasing system for wound healing. <i>Wound Repair and Regeneration</i> , 2011, 19, 597-607.	1.5	8
165	Phenotypic and genetic characterization of varicella-zoster virus mutants resistant to acyclovir, brivudine and/or foscarnet. <i>Medical Microbiology and Immunology</i> , 2011, 200, 193-202.	2.6	8
166	Miyabeacin: A new cyclodimer presents a potential role for willow in cancer therapy. <i>Scientific Reports</i> , 2020, 10, 6477.	1.6	8
167	Stimulation of Fas signaling down-regulates activity of neutrophils from major trauma patients with SIRS. <i>Immunobiology</i> , 2011, 216, 334-342.	0.8	7
168	Testing of the Survivin Suppressant YM155 in a Large Panel of Drug-Resistant Neuroblastoma Cell Lines. <i>Cancers</i> , 2020, 12, 577.	1.7	7
169	Constitutive Cell Proliferation Regulating Inhibitor of Protein Phosphatase 2A (CIP2A) Mediates Drug Resistance to Erlotinib in an EGFR Activating Mutated NSCLC Cell Line. <i>Cells</i> , 2021, 10, 716.	1.8	7
170	Substrate-specific effects of pirinixic acid derivatives on ABCB1-mediated drug transport. <i>Oncotarget</i> , 2016, 7, 11664-11676.	0.8	7
171	Acquired resistance to oxaliplatin is not directly associated with increased resistance to DNA damage in SK-N-ASrOXALI4000, a newly established oxaliplatin-resistant sub-line of the neuroblastoma cell line SK-N-AS. <i>PLoS ONE</i> , 2017, 12, e0172140.	1.1	6
172	Assessment of PI3K/mTOR/AKT Pathway Elements to Serve as Biomarkers and Therapeutic Targets in Penile Cancer. <i>Cancers</i> , 2021, 13, 2323.	1.7	6
173	Gene Expression Signature of Acquired Chemoresistance in Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6811.	1.8	5
174	YM155-Adapted Cancer Cell Lines Reveal Drug-Induced Heterogeneity and Enable the Identification of Biomarker Candidates for the Acquired Resistance Setting. <i>Cancers</i> , 2020, 12, 1080.	1.7	5
175	Enisamium Inhibits SARS-CoV-2 RNA Synthesis. <i>Biomedicines</i> , 2021, 9, 1254.	1.4	4
176	Measurement of cytotoxic T lymphocyte activity of human cytomegalovirus seropositive individuals by a highly sensitive coupled luminescent method. <i>Medical Microbiology and Immunology</i> , 2009, 198, 257-62.	2.6	3
177	Towards an unbiased, collaborative effort to reach evidence about the presence of human cytomegalovirus in glioblastoma (and other tumors). <i>Neuro-Oncology</i> , 2015, 17, 1039-1039.	0.6	3
178	Intact-Cell MALDI-ToF Mass Spectrometry for the Authentication of Drug-Adapted Cancer Cell Lines. <i>Cells</i> , 2019, 8, 1194.	1.8	3
179	Supernatants from human cytomegalovirus (HCMV)-infected retinal glial cells increase transepithelial electrical resistance in a cell culture model: evidence of HCMV immune escape in the eye?. <i>Medical Microbiology and Immunology</i> , 2004, 193, 205-208.	2.6	2
180	Dasatinib enhances tumor growth in gemcitabine-resistant orthotopic bladder cancer xenografts. <i>BMC Research Notes</i> , 2016, 9, 454.	0.6	2

#	ARTICLE	IF	CITATIONS
181	Long-term cultivation using ineffective MDM2 inhibitor concentrations alters the drug sensitivity profiles of PL21 leukaemia cells. <i>Experimental Results</i> , 2020, 1, .	0.2	2
182	Value of c-MET and Associated Signaling Elements for Predicting Outcomes and Targeted Therapy in Penile Cancer. <i>Cancers</i> , 2022, 14, 1683.	1.7	1