

Martin Michaelis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

3,980
citations

29
h-index

61
g-index

140
ext. papers

5,344
ext. citations

8.3
avg, IF

5.69
L-index

#	Paper	IF	Citations
114	Reduced interferon antagonism but similar drug sensitivity in Omicron variant compared to Delta variant of SARS-CoV-2 isolates.. <i>Cell Research</i> , 2022 ,	24.7	19
113	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,	6.3	3
112	Artesunate Inhibits the Growth Behavior of Docetaxel-Resistant Prostate Cancer Cells.. <i>Frontiers in Oncology</i> , 2022 , 12, 789284	5.3	1
111	Development and optimisation 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 ,	19.7	2
110	SARS-CoV-2 Omicron variant virus isolates are highly sensitive to interferon treatment.. <i>Cell Discovery</i> , 2022 , 8, 42	22.3	3
109	Repurposing in vitro approaches for screening anti-parasitic drugs against the brain-eating amoeba <i>Naegleria fowleri</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021 , 17, 204-212	4	0
108	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	12.8	1
107	Targeting the Pentose Phosphate Pathway for SARS-CoV-2 Therapy. <i>Metabolites</i> , 2021 , 11,	5.6	8
106	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,	7.9	1
105	Pelargonium Extract EPs 7630 in the Treatment of Human Corona Virus-Associated Acute Respiratory Tract Infections - A Secondary Subgroup-Analysis of an Open-Label, Uncontrolled Clinical Trial. <i>Frontiers in Pharmacology</i> , 2021 , 12, 666546	5.6	5
104	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	24.4	10
103	In vitro activity of itraconazole against SARS-CoV-2. <i>Journal of Medical Virology</i> , 2021 , 93, 4454-4460	19.7	9
102	Assessment of PI3K/mTOR/AKT Pathway Elements to Serve as Biomarkers and Therapeutic Targets in Penile Cancer. <i>Cancers</i> , 2021 , 13,	6.6	3
101	Differentially conserved amino acid positions may reflect differences in SARS-CoV-2 and SARS-CoV behaviour. <i>Bioinformatics</i> , 2021 ,	7.2	4
100	Shikonin Reduces Growth of Docetaxel-Resistant Prostate Cancer Cells Mainly through Necroptosis. <i>Cancers</i> , 2021 , 13,	6.6	11
99	Evaluation of stability and inactivation methods of SARS-CoV-2 in context of laboratory settings. <i>Medical Microbiology and Immunology</i> , 2021 , 210, 235-244	4	9
98	Characterization of ACE Inhibitors and ATR 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,	3	2

97	A Potential Role of the CD47/SIRPalpha Axis in COVID-19 Pathogenesis. <i>Current Issues in Molecular Biology</i> , 2021 , 43, 1212-1225	2.9	3
96	Enisamium is an inhibitor of the SARS-CoV-2 RNA polymerase and shows improvement of recovery in COVID-19 patients in an interim analysis of a clinical trial 2021 ,		3
95	Botanical drugs and supplements affecting the immune response in the time of COVID-19: Implications for research and clinical practice. <i>Phytotherapy Research</i> , 2021 , 35, 3013-3031	6.7	28
94	Artesunate Impairs Growth in Cisplatin-Resistant Bladder Cancer Cells by Cell Cycle Arrest, Apoptosis and Autophagy Induction. <i>Cells</i> , 2020 , 9,	7.9	25
93	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,	6.6	1
92	Lack of antiviral activity of darunavir against SARS-CoV-2. <i>International Journal of Infectious Diseases</i> , 2020 , 97, 7-10	10.5	87
91	Testing of the Survivin Suppressant YM155 in a Large Panel of Drug-Resistant Neuroblastoma Cell Lines. <i>Cancers</i> , 2020 , 12,	6.6	4
90	Optimized qRT-PCR Approach for the Detection of Intra- and Extra-Cellular SARS-CoV-2 RNAs. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	40
89	Proteomics of SARS-CoV-2-infected host cells reveals therapy targets. <i>Nature</i> , 2020 , 583, 469-472	50.4	498
88	SAMHD1 is a key regulator of the lineage-specific response of acute lymphoblastic leukaemias to nelarabine. <i>Communications Biology</i> , 2020 , 3, 324	6.7	10
87	Non-Phosphorylatable PEA-15 Sensitises SKOV-3 Ovarian Cancer Cells to Cisplatin. <i>Cells</i> , 2020 , 9,	7.9	4
86	Evidence of SARS-CoV-2 Infection in Returning Travelers from Wuhan, China. <i>New England Journal of Medicine</i> , 2020 , 382, 1278-1280	59.2	397
85	Long-term cultivation using ineffective MDM2 inhibitor concentrations alters the drug sensitivity profiles of PL21 leukaemia cells. <i>Experimental Results</i> , 2020 , 1,	1.3	1
84	Thiourea and Guanidine Compounds and Their Iridium Complexes in Drug-Resistant Cancer Cell Lines: Structure-Activity Relationships and Direct Luminescent Imaging. <i>ChemMedChem</i> , 2020 , 15, 349-353	2.7	12
83	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. <i>Nature</i> , 2020 , 587, 657-662	50.4	418
82	Towards image-based cancer cell lines authentication using deep neural networks. <i>Scientific Reports</i> , 2020 , 10, 19857	4.9	8
81	COVID-19-Related Coagulopathy-Is Transferrin a Missing Link?. <i>Diagnostics</i> , 2020 , 10,	3.8	16
80	Aprotinin Inhibits SARS-CoV-2 Replication. <i>Cells</i> , 2020 , 9,	7.9	42

79	Gene Expression Signature of Acquired Chemoresistance in Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
78	Discovery of -Enprioline as a Novel Drug for the Treatment of Vincristine Resistant Neuroblastoma. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
77	Miyabeacin: A new cyclodimer presents a potential role for willow in cancer therapy. <i>Scientific Reports</i> , 2020 , 10, 6477	4.9	7
76	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	3	26
75	Is the Bombali virus pathogenic in humans?. <i>Bioinformatics</i> , 2019 , 35, 3553-3558	7.2	8
74	Understanding of researcher behavior is required to improve data reliability. <i>GigaScience</i> , 2019 , 8,	7.6	3
73	The trimeric autotransporter adhesin Ata controls key virulence traits of. <i>Virulence</i> , 2019 , 10, 68-81	4.7	25
72	A Cell Culture Platform for the Cultivation of <i>Cryptosporidium parvum</i> . <i>Current Protocols in Microbiology</i> , 2019 , 53, e80	7.1	10
71	Selective inactivation of hypomethylating agents by SAMHD1 provides a rationale for therapeutic stratification in AML. <i>Nature Communications</i> , 2019 , 10, 3475	17.4	16
70	Environmental conditions shape the nature of a minimal bacterial genome. <i>Nature Communications</i> , 2019 , 10, 3100	17.4	18
69	Isolation, Characterization, Differentiation and Immunomodulatory Capacity of Mesenchymal Stromal/Stem Cells from Human Perirenal Adipose Tissue. <i>Cells</i> , 2019 , 8,	7.9	17
68	Incorporation of doxorubicin in different polymer nanoparticles and their anticancer activity. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 2062-2072	3	11
67	Drug-adapted cancer cell lines as preclinical models of acquired resistance. 2019 , 2, 447-456		6
66	The Thrombopoietin Receptor Agonist Eltrombopag Inhibits Human Cytomegalovirus Replication Via Iron Chelation. <i>Cells</i> , 2019 , 9,	7.9	10
65	Omeprazole Increases the Efficacy of Acyclovir Against Herpes Simplex Virus Type 1 and 2. <i>Frontiers in Microbiology</i> , 2019 , 10, 2790	5.7	8
64	Past and future trends of <i>Cryptosporidium</i> in vitro research. <i>Experimental Parasitology</i> , 2019 , 196, 28-37	2.1	23
63	Herd Immunity to Ebolaviruses Is Not a Realistic Target for Current Vaccination Strategies. <i>Frontiers in Immunology</i> , 2018 , 9, 1025	8.4	7
62	Key Players of Cisplatin Resistance: Towards a Systems Pharmacology Approach. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14

61	Primary Cilia Mediate Diverse Kinase Inhibitor Resistance Mechanisms in Cancer. <i>Cell Reports</i> , 2018 , 23, 3042-3055	10.6	40
60	A cell culture platform for <i>Cryptosporidium</i> that enables long-term cultivation and new tools for the systematic investigation of its biology. <i>International Journal for Parasitology</i> , 2018 , 48, 197-201	4.3	27
59	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	11.5	14
58	Resistance to nanoparticle albumin-bound paclitaxel is mediated by ABCB1 in urothelial cancer cells. <i>Oncology Letters</i> , 2017 , 13, 4085-4092	2.6	17
57	SAMHD1 is a biomarker for cytarabine response and a therapeutic target in acute myeloid leukemia. <i>Nature Medicine</i> , 2017 , 23, 250-255	50.5	72
56	Blocking integrin $\alpha 5$ decreases adhesion in chemoresistant urothelial cancer cell lines. <i>Oncology Letters</i> , 2017 , 14, 5513-5518	2.6	8
55	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	3.7	4
54	Changes associated with Ebola virus adaptation to novel species. <i>Bioinformatics</i> , 2017 , 33, 1911-1915	7.2	4
53	Investigating Ebola virus pathogenicity using molecular dynamics. <i>BMC Genomics</i> , 2017 , 18, 566	4.5	7
52	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	3.7	76
51	Computational analysis of Ebolavirus data: prospects, promises and challenges. <i>Biochemical Society Transactions</i> , 2016 , 44, 973-8	5.1	2
50	Effects of YM155 on survivin levels and viability in neuroblastoma cells with acquired drug resistance. <i>Cell Death and Disease</i> , 2016 , 7, e2410	9.8	25
49	Conserved differences in protein sequence determine the human pathogenicity of Ebolaviruses. <i>Scientific Reports</i> , 2016 , 6, 23743	4.9	27
48	ABCB1 as predominant resistance mechanism in cells with acquired SNS-032 resistance. <i>Oncotarget</i> , 2016 , 7, 58051-58064	3.3	4
47	Substrate-specific effects of pirinixic acid derivatives on ABCB1-mediated drug transport. <i>Oncotarget</i> , 2016 , 7, 11664-76	3.3	5
46	Risks Posed by Reston, the Forgotten Ebolavirus. <i>MSphere</i> , 2016 , 1,	5	25
45	Utilising the EGFR interactome to identify mechanisms of drug resistance in non-small cell lung cancer - Proof of concept towards a systems pharmacology approach. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 94, 20-32	5.1	15
44	Cytomegalovirus-specific cytokine-induced killer cells: concurrent targeting of leukemia and cytomegalovirus. <i>Cytotherapy</i> , 2015 , 17, 1139-51	4.8	15

43	Chemoresistance is associated with increased cytoprotective autophagy and diminished apoptosis in bladder cancer cells treated with the BH3 mimetic (-)-Gossypol (AT-101). <i>BMC Cancer</i> , 2015 , 15, 224	4.8	58
42	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	1	2
41	Identification of flubendazole as potential anti-neuroblastoma compound in a large cell line screen. <i>Scientific Reports</i> , 2015 , 5, 8202	4.9	54
40	ABCG2 impairs the activity of the aurora kinase inhibitor tozasertib but not of alisertib. <i>BMC Research Notes</i> , 2015 , 8, 484	2.3	8
39	Drug-Resistant Urothelial Cancer Cell Lines Display Diverse Sensitivity Profiles to Potential Second-Line Therapeutics. <i>Translational Oncology</i> , 2015 , 8, 210-6	4.9	29
38	Enzastaurin inhibits ABCB1-mediated drug efflux independently of effects on protein kinase C signalling and the cellular p53 status. <i>Oncotarget</i> , 2015 , 6, 17605-20	3.3	8
37	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	2.3	25
36	Karanjin interferes with ABCB1, ABCC1, and ABCG2. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2014 , 17, 92-105	3.4	15
35	Resistance acquisition to MDM2 inhibitors. <i>Biochemical Society Transactions</i> , 2014 , 42, 752-7	5.1	18
34	Aurora kinases as targets in drug-resistant neuroblastoma cells. <i>PLoS ONE</i> , 2014 , 9, e108758	3.7	32
33	CMV-Specific Cytokine-Induced Killer Cells Comprise Concomitant Cytotoxicity Against Leukemia and Cytomegalovirus. <i>Blood</i> , 2014 , 124, 5814-5814	2.2	
32	Role of human cytomegalovirus genotype polymorphisms in AIDS patients with cytomegalovirus retinitis. <i>Medical Microbiology and Immunology</i> , 2013 , 202, 37-47	4	19
31	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, 41-8	10.8	122
30	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, 685-96	4.9	20
29	Oncolytic effects of a novel influenza A virus expressing interleukin-15 from the NS reading frame. <i>PLoS ONE</i> , 2012 , 7, e36506	3.7	31
28	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, 384-6	6.5	81
27	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	4	44
26	The multi-targeted kinase inhibitor sorafenib inhibits human cytomegalovirus replication. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 1079-90	10.3	28

25	Synthetic lethal hubs associated with vincristine resistant neuroblastoma. <i>Molecular BioSystems</i> , 2011 , 7, 200-14		9
24	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	3.7	104
23	Anticancer effects of the nitric oxide-modified saquinavir derivative saquinavir-NO against multidrug-resistant cancer cells. <i>Neoplasia</i> , 2010 , 12, 1023-30	6.4	46
22	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	4	19
21	Anti-cancer effects of artesunate in a panel of chemoresistant neuroblastoma cell lines. <i>Biochemical Pharmacology</i> , 2010 , 79, 130-6	6	89
20	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, 413-20	6	126
19	Reversal of P-glycoprotein-mediated multidrug resistance by the murine double minute 2 antagonist nutlin-3. <i>Cancer Research</i> , 2009 , 69, 416-21	10.1	82
18	Of chickens and men: avian influenza in humans. <i>Current Molecular Medicine</i> , 2009 , 9, 131-51	2.5	38
17	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	42.1	20
16	The threat of avian influenza A (H5N1). Part III: Antiviral therapy. <i>Medical Microbiology and Immunology</i> , 2007 , 196, 203-12	4	24
15	The threat of avian influenza A (H5N1). Part IV: Development of vaccines. <i>Medical Microbiology and Immunology</i> , 2007 , 196, 213-25	4	36
14	Onconase induces caspase-independent cell death in chemoresistant neuroblastoma cells. <i>Cancer Letters</i> , 2007 , 250, 107-16	9.9	42
13	Chemoresistance induces enhanced adhesion and transendothelial penetration of neuroblastoma cells by down-regulating NCAM surface expression. <i>BMC Cancer</i> , 2006 , 6, 294	4.8	27
12	Antiviral activity of glycyrrhizic acid derivatives against SARS-coronavirus. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1256-9	8.3	246
11	Pharmacological activity of DTPA linked to protein-based drug carrier systems. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 323, 1236-40	3.4	19
10	Development of resistance to vincristine and doxorubicin in neuroblastoma alters malignant properties and induces additional karyotype changes: a preclinical model. <i>International Journal of Cancer</i> , 2003 , 104, 36-43	7.5	52
9	Inhibition of cytomegalovirus immediate early gene expression: a therapeutic option?. <i>Antiviral Research</i> , 2001 , 49, 129-45	10.8	56
8	Antiviral and immunomodulatory effects of desferrioxamine in cytomegalovirus-infected rat liver allografts with rejection. <i>Transplantation</i> , 1999 , 68, 1753-61	1.8	15

7	Reduced interferon antagonism but similar drug sensitivity in Omicron variant compared to Delta variant SARS-CoV-2 isolates	2
6	What really matters - response and resistance in cancer therapy	2
5	SARS-CoV-2 and SARS-CoV differ in their cell tropism and drug sensitivity profiles	33
4	Investigating the unknown functions in the minimal bacterial genome reveals many transporter proteins	1
3	Incorporation of doxorubicin in different polymer nanoparticles and their anti-cancer activity	5
2	TP53 mutations and drug sensitivity in acute myeloid leukaemia cells with acquired MDM2 inhibitor resistance	1
1	CD47 as a potential biomarker for the early diagnosis of severe COVID-19	1