Stephan Ludwig

List of Publications by Year
in descending order

215	13,381	19657 61	26613 107
papers	citations	h-index	g-index

227	227	227	15205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mrp8 and Mrp14 are endogenous activators of Toll-like receptor 4, promoting lethal, endotoxin-induced shock. Nature Medicine, 2007, 13, 1042-1049.	30.7	1,207
2	Influenza virus propagation is impaired by inhibition of the Raf/MEK/ERK signalling cascade. Nature Cell Biology, 2001, 3, 301-305.	10.3	463
3	Caspase 3 activation is essential for efficient influenza virus propagation. EMBO Journal, 2003, 22, 2717-2728.	7.8	299
4	MRP8 and MRP14 control microtubule reorganization during transendothelial migration of phagocytes. Blood, 2004, 104, 4260-4268.	1.4	295
5	Influenza A Virus NS1 Protein Activates the PI3K/Akt Pathway To Mediate Antiapoptotic Signaling Responses. Journal of Virology, 2007, 81, 3058-3067.	3.4	286
6	The Epidermal Growth Factor Receptor (EGFR) Promotes Uptake of Influenza A Viruses (IAV) into Host Cells. PLoS Pathogens, 2010, 6, e1001099.	4.7	275
7	IFNâ€Î± antagonistic activity of HCV core protein involves induction of suppressor of cytokine signalingâ€3. FASEB Journal, 2003, 17, 1-16.	0.5	267
8	Influenza A Virus Inhibits Type I IFN Signaling via NF-Î°B-Dependent Induction of SOCS-3 Expression. PLoS Pathogens, 2008, 4, e1000196.	4.7	241
9	NF-Î°B-dependent Induction of Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) and Fas/FasL Is Crucial for Efficient Influenza Virus Propagation. Journal of Biological Chemistry, 2004, 279, 30931-30937.	3.4	220
10	Bivalent role of the phosphatidylinositol-3-kinase (PI3K) during influenza virus infection and host cell defence. Cellular Microbiology, 2006, 8, 1336-1348.	2.1	212
11	Ringing the alarm bells: signalling and apoptosis in influenza virus infected cells. Cellular Microbiology, 2006, 8, 375-386.	2.1	210
12	The Stress Inducer Arsenite Activates Mitogen-activated Protein Kinases Extracellular Signal-regulated Kinases 1 and 2 via a MAPK Kinase 6/p38-dependent Pathway. Journal of Biological Chemistry, 1998, 273, 1917-1922.	3.4	198
13	Activation of NF-Î°B via the IÎ°B Kinase Complex Is Both Essential and Sufficient for Proinflammatory Gene Expression in Primary Endothelial Cells. Journal of Biological Chemistry, 2001, 276, 28451-28458.	3.4	184
14	Acetylsalicylic acid (ASA) blocks influenza virus propagation via its NF-?B-inhibiting activity. Cellular Microbiology, 2007, 9, 1683-1694.	2.1	181
15	Autoinhibitory regulation of S100A8/S100A9 alarmin activity locally restricts sterile inflammation. Journal of Clinical Investigation, 2018, 128, 1852-1866.	8.2	166
16	The Influenza A Virus NS1 Protein Inhibits Activation of Jun N-Terminal Kinase and AP-1 Transcription Factors. Journal of Virology, 2002, 76, 11166-11171.	3.4	164
17	MAPKAP Kinase 3pK Phosphorylates and Regulates Chromatin Association of the Polycomb Group Protein Bmi1. Journal of Biological Chemistry, 2005, 280, 5178-5187.	3.4	150
18	Influenza-virus-induced signaling cascades: targets for antiviral therapy?. Trends in Molecular Medicine, 2003, 9, 46-52.	6.7	149

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19	Polyethylenimine, a cost-effective transfection reagent. Signal Transduction, 2006, 6, 179-184.	0.4	148
20	Multiple signaling pathways regulate NF-Î°Bâ€"dependent transcription of the monocyte chemoattractant protein-1 gene in primary endothelial cells. Blood, 2001, 97, 46-55.	1.4	147
21	A new player in a deadly game: influenza viruses and the PI3K/Akt signalling pathway. Cellular Microbiology, 2009, 11, 863-871.	2.1	143
22	Evolution of pig influenza viruses. Virology, 1991, 183, 61-73.	2.4	142
23	A polyphenol rich plant extract, CYSTUS052, exerts anti influenza virus activity in cell culture without toxic side effects or the tendency to induce viral resistance. Antiviral Research, 2007, 76, 38-47.	4.1	142
24	Platelet Activation and Aggregation Promote Lung Inflammation and Influenza Virus Pathogenesis. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 804-819.	5.6	138
25	Influenza Virus-induced AP-1-dependent Gene Expression Requires Activation of the JNK Signaling Pathway. Journal of Biological Chemistry, 2001, 276, 10990-10998.	3.4	136
26	The proapoptotic influenza A virus protein PB1-F2 regulates viral polymerase activity by interaction with the PB1 protein. Cellular Microbiology, 2008, 10, 1140-1152.	2.1	132
27	Targeting the endolysosomal host-SARS-CoV-2 interface by clinically licensed functional inhibitors of acid sphingomyelinase (FIASMA) including the antidepressant fluoxetine. Emerging Microbes and Infections, 2020, 9, 2245-2255.	6.5	129
28	Influenza Virus-induced NF-Î°B-dependent Gene Expression Is Mediated by Overexpression of Viral Proteins and Involves Oxidative Radicals and Activation of IÎ°B Kinase. Journal of Biological Chemistry, 2000, 275, 8307-8314.	3.4	128
29	Transcriptional profiling of IKK2/NF-Î°Bâ€" and p38 MAP kinasedependent gene expression in TNF-Î±â€"stimulated primary human endothelial cells. Blood, 2004, 103, 3365-3373.	1.4	127
30	Rac1 and PAK1 are upstream of IKK-Îµ and TBK-1 in the viral activation of interferon regulatory factor-3. FEBS Letters, 2004, 567, 230-238.	2.8	126
31	Membrane Accumulation of Influenza A Virus Hemagglutinin Triggers Nuclear Export of the Viral Genome via Protein Kinase CÎ±-mediated Activation of ERK Signaling. Journal of Biological Chemistry, 2006, 281, 16707-16715.	3.4	121
32	Erk5 Activation Elicits a Vasoprotective Endothelial Phenotype via Induction of KrÃ¼ppel-like Factor 4 (KLF4). Journal of Biological Chemistry, 2010, 285, 26199-26210.	3.4	120
33	Targeting cell signalling pathways to fight the flu: towards a paradigm change in anti-influenza therapy. Journal of Antimicrobial Chemotherapy, 2009, 64, 1-4.	3.0	117
34	MEK-Specific Inhibitor U0126 Blocks Spread of Borna Disease Virus in Cultured Cells. Journal of Virology, 2001, 75, 4871-4877.	3.4	109
35	The MKK6/p38 Stress Kinase Cascade Is Critical for Tumor Necrosis Factor-Î±â€"Induced Expression of Monocyte-Chemoattractant Protein-1 in Endothelial Cells. Blood, 1999, 93, 857-865.	1.4	109
36	CYSTUS052, a polyphenol-rich plant extract, exerts anti-influenza virus activity in mice. Antiviral Research, 2007, 76, 1-10.	4.1	108

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37	Inhibition of p38 Mitogen-activated Protein Kinase Impairs Influenza Virus-induced Primary and Secondary Host Gene Responses and Protects Mice from Lethal H5N1 Infection. Journal of Biological Chemistry, 2014, 289, 13-27.	3.4	107
38	MEK inhibition impairs influenza B virus propagation without emergence of resistant variants. FEBS Letters, 2004, 561, 37-43.	2.8	105
39	Interplay between influenza A virus and the innate immune signaling. Microbes and Infection, 2010, 12, 81-87.	1.9	105
40	Ras-independent Activation of the Raf/MEK/ERK Pathway upon Calcium-induced Differentiation of Keratinocytes. Journal of Biological Chemistry, 2000, 275, 41011-41017.	3.4	104
41	The Mitogen-activated Protein (MAP) Kinase p38 and Its Upstream Activator MAP Kinase Kinase 6 Are Involved in the Activation of Signal Transducer and Activator of Transcription by Hyperosmolarity. Journal of Biological Chemistry, 1999, 274, 30222-30227.	3.4	103
42	Viral targeting of the interferon-Î²-inducing Traf family member-associated NF-ÎºB activator (TANK)-binding kinase-1. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13640-13645.	7.1	102
43	Regulation of Suppressor of Cytokine Signaling 3 (SOCS3) mRNA Stability by TNF-Î± Involves Activation of the MKK6/p38MAPK/MK2 Cascade. Journal of Immunology, 2007, 178, 2813-2826.	0.8	101
44	Extracellular signal regulated kinase 5 (ERK5) is required for the differentiation of muscle cells. EMBO Reports, 2001, 2, 829-834.	4.5	100
45	Antiviral activity of the MEK-inhibitor U0126 against pandemic H1N1v and highly pathogenic avian influenza virus in vitro and in vivo. Antiviral Research, 2011, 92, 195-203.	4.1	100
46	Apoptosis signaling in influenza virus propagation, innate host defense, and lung injury. Journal of Leukocyte Biology, 2012, 92, 75-82.	3.3	97
47	Influenza viruses and the NF-ÎºB signaling pathway â€" towards a novel concept of antiviral therapy. Biological Chemistry, 2008, 389, 1307-12.	2.5	96
48	Different Mitogen-activated Protein Kinase Signaling Pathways Cooperate to Regulate Tumor Necrosis Factor Î± Gene Expression in T Lymphocytes. Journal of Biological Chemistry, 1999, 274, 4319-4327.	3.4	92
49	Essential Impact of NF-ÎºB Signaling on the H5N1 Influenza A Virus-Induced Transcriptome. Journal of Immunology, 2009, 183, 5180-5189.	0.8	87
50	Neurotrophin Receptor-interacting Mage Homologue Is an Inducible Inhibitor of Apoptosis Protein-interacting Protein That Augments Cell Death. Journal of Biological Chemistry, 2001, 276, 39985-39989.	3.4	77
51	A new splice variant of the human guanylateâ€binding protein 3 mediates antiâ€influenza activity through inhibition of viral transcription and replication. FASEB Journal, 2012, 26, 1290-1300.	0.5	76
52	Pathogenicity of different PR8 influenza A virus variants in mice is determined by both viral and host factors. Virology, 2011, 412, 36-45.	2.4	75
53	Drug synergy of combinatory treatment with remdesivir and the repurposed drugs fluoxetine and itraconazole effectively impairs SARSâ€CoVâ€2 infection in vitro. British Journal of Pharmacology, 2021, 178, 2339-2350.	5.4	74
54	SARS-CoV-2 neutralizing human recombinant antibodies selected from pre-pandemic healthy donors binding at RBD-ACE2 interface. Nature Communications, 2021, 12, 1577.	12.8	73

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55	PAR1 contributes to influenza A virus pathogenicity in mice. Journal of Clinical Investigation, 2013, 123, 206-214.	8.2	73
56	The Contact Allergen Nickel Triggers a Unique Inflammatory and Proangiogenic Gene Expression Pattern via Activation of NF-Î°B and Hypoxia-Inducible Factor-1Î±. Journal of Immunology, 2007, 178, 3198-3207.	0.8	71
57	The NS Segment of an H5N1 Highly Pathogenic Avian Influenza Virus (HPAIV) Is Sufficient To Alter Replication Efficiency, Cell Tropism, and Host Range of an H7N1 HPAIV. Journal of Virology, 2010, 84, 2122-2133.	3.4	69
58	The NF-Î°B inhibitor SC75741 efficiently blocks influenza virus propagation and confers a high barrier for development of viral resistance. Cellular Microbiology, 2013, 15, 1198-1211.	2.1	68
59	The MKK6/p38 Stress Kinase Cascade Is Critical for Tumor Necrosis Factor-îœ€â€"Induced Expression of Monocyte-Chemoattractant Protein-1 in Endothelial Cells. Blood, 1999, 93, 857-865.	1.4	68
60	The influenza virus PB1-F2 protein has interferon antagonistic activity. Biological Chemistry, 2011, 392, 1135-1144.	2.5	67
61	Disruption of virus-host cell interactions and cell signaling pathways as an anti-viral approach against influenza virus infections. Biological Chemistry, 2011, 392, 837-847.	2.5	66
62	The NS1 Protein of Influenza A Virus Blocks RIG-I-Mediated Activation of the Noncanonical NF-Î°B Pathway and p52/RelB-Dependent Gene Expression in Lung Epithelial Cells. Journal of Virology, 2012, 86, 10211-10217.	3.4	65
63	Influenza Viruses Control the Vertebrate Type I Interferon System: Factors, Mechanisms, and Consequences. Journal of Interferon and Cytokine Research, 2009, 29, 549-558.	1.2	64
64	Phosphorylation of TRIM28 Enhances the Expression of IFN-Î² and Proinflammatory Cytokines During HPAIV Infection of Human Lung Epithelial Cells. Frontiers in Immunology, 2018, 9, 2229.	4.8	64
65	Activation of MAP kinase p38 is critical for the cell-cycleâ€"controlled suppressor function of regulatory T cells. Blood, 2007, 109, 4351-4359.	1.4	63
66	Serine/Threonine Kinases 3pK and MAPK-activated Protein Kinase 2 Interact with the Basic Helix-Loop-Helix Transcription Factor E47 and Repress Its Transcriptional Activity. Journal of Biological Chemistry, 2000, 275, 20239-20242.	3.4	60
67	Phosphorylation of the influenza A virus protein PB1-F2 by PKC is crucial for apoptosis promoting functions in monocytes. Cellular Microbiology, 2009, 11, 1502-1516.	2.1	59
68	Combined Action of Influenza Virus and Staphylococcus aureus Pantonâ€"Valentine Leukocidin Provokes Severe Lung Epithelium Damage. Journal of Infectious Diseases, 2012, 206, 1138-1148.	4.0	59
69	Synergistic Adaptive Mutations in the Hemagglutinin and Polymerase Acidic Protein Lead to Increased Virulence of Pandemic 2009 H1N1 Influenza A Virus in Mice. Journal of Infectious Diseases, 2012, 205, 262-271.	4.0	59
70	Late Endosomal/Lysosomal Cholesterol Accumulation Is a Host Cell-Protective Mechanism Inhibiting Endosomal Escape of Influenza A Virus. MBio, 2018, 9, .	4.1	59
71	A Fatal Relationshipâ€"Influenza Virus Interactions with the Host Cell. Viral Immunology, 1999, 12, 175-196.	1.3	58
72	Î²-catenin promotes the type I IFN synthesis and the IFN-dependent signaling response but is suppressed by influenza A virus-induced RIG-I/NF-Î°B signaling. Cell Communication and Signaling, 2014, 12, 29.	6.5	57

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73	Activation of Cardiac c-Jun NH 2 -Terminal Kinases and p38-Mitogenâ€“Activated Protein Kinases With Abrupt Changes in Hemodynamic Load. Hypertension, 2001, 37, 1222-1228.	2.7	56
74	<i>Candida albicans</i> Triggers Activation of Distinct Signaling Pathways to Establish a Proinflammatory Gene Expression Program in Primary Human Endothelial Cells. Journal of Immunology, 2007, 179, 8435-8445.	0.8	56
75	H5N1 Virus Activates Signaling Pathways in Human Endothelial Cells Resulting in a Specific Imbalanced Inflammatory Response. Journal of Immunology, 2011, 186, 164-173.	0.8	56
76	Viral suppressors of the RIG-I-mediated interferon response are pre-packaged in influenza virions. Nature Communications, 2014, 5, 5645.	12.8	55
77	Interleukin-27 displays interferon-Î³-like functions in human hepatoma cells and hepatocytes. Hepatology, 2009, 50, 585-591.	7.3	54
78	Pathogenesis of<i>Staphylococcus aureus</i>necrotizing pneumonia: the role of PVL and an influenza coinfection. Expert Review of Anti-Infective Therapy, 2013, 11, 1041-1051.	4.4	54
79	Genetics, Evolution, and the Zoonotic Capacity of European Swine Influenza Viruses. Current Topics in Microbiology and Immunology, 2012, 370, 29-55.	1.1	53
80	Immunomodulatory Nonstructural Proteins of Influenza A Viruses. Trends in Microbiology, 2018, 26, 624-636.	7.7	53
81	Phosphatidylinositol-3-kinase (PI3K) is activated by influenza virus vRNA via the pathogen pattern receptor Rig-I to promote efficient type I interferon production. Cellular Microbiology, 2011, 13, 1907-1919.	2.1	52
82	Activation of NF-Îº B by IL-1Î² blocks IL-6-induced sustained STAT3 activation and STAT3-dependent gene expression of the human Î³-fibrinogen gene. Cellular Signalling, 2007, 19, 1866-1878.	3.6	50
83	Lung-specific expression of active Raf kinase results in increased mortality of influenza A virus-infected mice. Oncogene, 2004, 23, 6639-6646.	5.9	46
84	Highly pathogenic avian influenza viruses inhibit effective immune responses of human blood-derived macrophages. Journal of Leukocyte Biology, 2012, 92, 11-20.	3.3	46
85	The Clinically Approved Proteasome Inhibitor PS-341 Efficiently Blocks Influenza A Virus and Vesicular Stomatitis Virus Propagation by Establishing an Antiviral State. Journal of Virology, 2010, 84, 9439-9451.	3.4	45
86	Super-infection with<i>S</i><i>taphylococcus aureus</i>inhibits influenza virus-induced type I IFN signalling through impaired STAT1-STAT2 dimerization. Cellular Microbiology, 2015, 17, 303-317.	2.1	45
87	Macrophageâ€mediated psoriasis can be suppressed by regulatory T lymphocytes. Journal of Pathology, 2016, 240, 366-377.	4.5	44
88	The MEK-inhibitor CI-1040 displays a broad anti-influenza virus activity inÂvitro and provides a prolonged treatment window compared to standard of care inÂvivo. Antiviral Research, 2017, 142, 178-184.	4.1	44
89	CRK adaptor protein expression is required for efficient replication of avian influenza A viruses and controls JNK-mediated apoptotic responses. Cellular Microbiology, 2010, 12, 831-843.	2.1	43
90	Annexin A6-Balanced Late Endosomal Cholesterol Controls Influenza A Replication and Propagation. MBio, 2013, 4, e00608-13.	4.1	43

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91	The annexin A1/FPR2 signaling axis expands alveolar macrophages, limits viral replication, and attenuates pathogenesis in the murine influenza A virus infection model. FASEB Journal, 2019, 33, 12188-12199.	0.5	43
92	Small molecule inhibitors of the c-Jun N-terminal kinase (JNK) possess antiviral activity against highly pathogenic avian and human pandemic influenza A viruses. Biological Chemistry, 2012, 393, 525-534.	2.5	41
93	Antiviral activity of hydroalcoholic extract from Eupatorium perfoliatum L. against the attachment of influenza A virus. Journal of Ethnopharmacology, 2016, 188, 144-152.	4.1	41
94	Activation of Phosphatidylinositol 3-Kinase Signaling by the Nonstructural NS1 Protein Is Not Conserved among Type A and B Influenza Viruses. Journal of Virology, 2007, 81, 12097-12100.	3.4	40
95	The clinically licensed antifungal drug itraconazole inhibits influenza virus <i>in vitro</i> and <i>in vivo</i>. Emerging Microbes and Infections, 2019, 8, 80-93.	6.5	40
96	3-O-Galloylated Procyanidins from Rumex acetosa L. Inhibit the Attachment of Influenza A Virus. PLoS ONE, 2014, 9, e110089.	2.5	38
97	Interaction between S100A8/A9 and Annexin A6 Is Involved in the Calcium-induced Cell Surface Exposition of S100A8/A9. Journal of Biological Chemistry, 2008, 283, 31776-31784.	3.4	37
98	Origin of the 1918 pandemic H1N1 influenza A virus as studied by codon usage patterns and phylogenetic analysis. Rna, 2011, 17, 64-73.	3.5	37
99	Deficiency in the LIMâ€only protein FHL2 impairs assembly of extracellular matrix proteins. FASEB Journal, 2008, 22, 2508-2520.	0.5	36
100	The NF-kappaB inhibitor SC75741 protects mice against highly pathogenic avian influenza A virus. Antiviral Research, 2013, 99, 336-344.	4.1	35
101	Combination Therapy with Fluoxetine and the Nucleoside Analog GS-441524 Exerts Synergistic Antiviral Effects against Different SARS-CoV-2 Variants In Vitro. Pharmaceutics, 2021, 13, 1400.	4.5	35
102	MEK5/ERK5 Signaling Modulates Endothelial Cell Migration and Focal Contact Turnover. Journal of Biological Chemistry, 2009, 284, 24972-24980.	3.4	33
103	The clinically approved MEK inhibitor Trametinib efficiently blocks influenza A virus propagation and cytokine expression. Antiviral Research, 2018, 157, 80-92.	4.1	33
104	Differential interferon-Î± subtype induced immune signatures are associated with suppression of SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	33
105	High level expression of the anti-retroviral protein APOBEC3G is induced by influenza A virus but does not confer antiviral activity. Retrovirology, 2009, 6, 38.	2.0	32
106	Activation of c-jun N-Terminal Kinase upon Influenza A Virus (IAV) Infection Is Independent of Pathogen-Related Receptors but Dependent on Amino Acid Sequence Variations of IAV NS1. Journal of Virology, 2014, 88, 8843-8852.	3.4	32
107	Evidence for a Novel Mechanism of Influenza Virus-Induced Type I Interferon Expression by a Defective RNA-Encoded Protein. PLoS Pathogens, 2015, 11, e1004924.	4.7	31
108	Phosphorylation of influenza A virus NS1 protein at threonine 49 suppresses its interferon antagonistic activity. Cellular Microbiology, 2016, 18, 784-791.	2.1	31

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109	Mitogen-activated protein kinases (MAPKs) regulate IL-6 over-production during concomitant influenza virus and Staphylococcus aureus infection. Scientific Reports, 2017, 7, 42473.	3.3	31
110	MAP kinaseâ€activated protein kinases 2 and 3 are required for influenza A virus propagation and act <i>via</i> inhibition of PKR. FASEB Journal, 2010, 24, 4068-4077.	0.5	30
111	Targeting a metabolic pathway to fight the flu. FEBS Journal, 2017, 284, 218-221.	4.7	30
112	Antiviral potential of human IFN-Î± subtypes against influenza A H3N2 infection in human lung explants reveals subtype-specific activities. Emerging Microbes and Infections, 2019, 8, 1763-1776.	6.5	30
113	Rapid SARS-CoV-2 Adaptation to Available Cellular Proteases. Journal of Virology, 2022, 96, jvi0218621.	3.4	30
114	The MEK1/2-inhibitor ATR-002 efficiently blocks SARS-CoV-2 propagation and alleviates pro-inflammatory cytokine/chemokine responses. Cellular and Molecular Life Sciences, 2022, 79, 65.	5.4	29
115	Antiviral activity of Ladania067, an extract from wild black currant leaves against influenza A virus in vitro and in vivo. Frontiers in Microbiology, 2014, 5, 171.	3.5	28
116	New Virulence Determinants Contribute to the Enhanced Immune Response and Reduced Virulence of an Influenza A Virus A/PR8/34 Variant. Journal of Infectious Diseases, 2014, 209, 532-541.	4.0	28
117	Influenza A Virus Does Not Encode a Tetherin Antagonist with Vpu-Like Activity and Induces IFN-Dependent Tetherin Expression in Infected Cells. PLoS ONE, 2012, 7, e43337.	2.5	28
118	A Single Point Mutation (Y89F) within the Non-Structural Protein 1 of Influenza A Viruses Limits Epithelial Cell Tropism and Virulence in Mice. American Journal of Pathology, 2012, 180, 2361-2374.	3.8	27
119	Interaction of influenza A virus matrix protein with RACK1 is required for virus release. Cellular Microbiology, 2012, 14, 774-789.	2.1	27
120	Influenza A viruses suppress cyclooxygenase-2 expression by affecting its mRNA stability. Scientific Reports, 2016, 6, 27275.	3.3	27
121	The LIM-Only Protein FHL2 Attenuates Lung Inflammation during Bleomycin-Induced Fibrosis. PLoS ONE, 2013, 8, e81356.	2.5	26
122	Oncolytic influenza virus infection restores immunocompetence of lung tumor-associated alveolar macrophages. OncoImmunology, 2018, 7, e1423171.	4.6	26
123	Beyond Vaccines: Clinical Status of Prospective COVID-19 Therapeutics. Frontiers in Immunology, 2021, 12, 752227.	4.8	25
124	Dual Function of Interleukin-1Î² for the Regulation of Interleukin-6-induced Suppressor of Cytokine Signaling 3 Expression. Journal of Biological Chemistry, 2004, 279, 45279-45289.	3.4	24
125	Mitogen-activated 3p kinase is active in the nucleus. Experimental Cell Research, 2004, 299, 101-109.	2.6	24
126	A Plant Extract of Ribes nigrum folium Possesses Anti-Influenza Virus Activity In Vitro and In Vivo by Preventing Virus Entry to Host Cells. PLoS ONE, 2013, 8, e63657.	2.5	24

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127	Influenza, a One Health paradigmâ€"Novel therapeutic strategies to fight a zoonotic pathogen with pandemic potential. International Journal of Medical Microbiology, 2014, 304, 894-901.	3.6	24
128	Dissecting the mechanism of signaling-triggered nuclear export of newly synthesized influenza virus ribonucleoprotein complexes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16557-16566.	7.1	24
129	Vemurafenib Limits Influenza A Virus Propagation by Targeting Multiple Signaling Pathways. Frontiers in Microbiology, 2017, 8, 2426.	3.5	23
130	Homocysteine inhibits tumor necrosis factor-induced activation of endothelium via modulation of nuclear factor-Îºb activity. Biochimica Et Biophysica Acta - Molecular Cell Research, 2001, 1540, 154-165.	4.1	22
131	Borna Disease Virus Nucleoprotein Interacts with the Cdc2-Cyclin B1 Complex. Journal of Virology, 2003, 77, 11186-11192.	3.4	22
132	The binding of Mss4 to Î±â€integrin subunits regulates matrix metalloproteinase activation and fibronectin remodeling. FASEB Journal, 2007, 21, 497-510.	0.5	22
133	Doxycyclineâ€Induced Expression of Transgenic Human Tumor Necrosis Factor Î± in Adult Mice Results in Psoriasisâ€like Arthritis. Arthritis and Rheumatism, 2013, 65, 2290-2300.	6.7	22
134	The Rac1 Inhibitor NSC23766 Exerts Anti-Influenza Virus Properties by Affecting the Viral Polymerase Complex Activity. PLoS ONE, 2014, 9, e88520.	2.5	22
135	In Vitro and In Vivo Antitumor Activity of a Novel Semisynthetic Derivative of Cucurbitacin B. PLoS ONE, 2015, 10, e0117794.	2.5	22
136	Cytotoxic effects of natural and semisynthetic cucurbitacins on lung cancer cell line A549. Investigational New Drugs, 2016, 34, 139-148.	2.6	22
137	Targeting intracellular signaling as an antiviral strategy: aerosolized LASAG for the treatment of influenza in hospitalized patients. Emerging Microbes and Infections, 2018, 7, 1-8.	6.5	22
138	Late activation of the<scp>Raf/MEK/ERK</scp>pathway is required for translocation of the respiratory syncytial virus<scp>F</scp>protein to the plasma membrane and efficient viral replication. Cellular Microbiology, 2019, 21, e12955.	2.1	22
139	Shooting at a Moving Targetâ€"Effectiveness and Emerging Challenges for SARS-CoV-2 Vaccine Development. Vaccines, 2021, 9, 1052.	4.4	22
140	Hypericum perforatum and Its Ingredients Hypericin and Pseudohypericin Demonstrate an Antiviral Activity against SARS-CoV-2. Pharmaceuticals, 2022, 15, 530.	3.8	22
141	Hypoxia/reoxygenation induction of monocyte chemoattractant protein-1 in melanoma cells: involvement of nuclear factor-ÎºB, stimulatory protein-1 transcription factors and mitogen-activated protein kinase pathways. Biochemical Journal, 2002, 366, 299-306.	3.7	21
142	Agonists of Proteinase-Activated Receptor-2 Enhance IFN-Î³-Inducible Effects on Human Monocytes: Role in Influenza A Infection. Journal of Immunology, 2008, 180, 6903-6910.	0.8	21
143	Employing RNA viruses to fight cancer: novel insights into oncolytic virotherapy. Biological Chemistry, 2017, 398, 891-909.	2.5	21
144	Pharmacodynamics, Pharmacokinetics, and Antiviral Activity of BAY 81-8781, a Novel NF-ÎºB Inhibiting Anti-influenza Drug. Frontiers in Microbiology, 2017, 8, 2130.	3.5	21

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145	Combinatory Treatment with Oseltamivir and Itraconazole Targeting Both Virus and Host Factors in Influenza A Virus Infection. Viruses, 2020, 12, 703.	3.3	21
146	Antiviral efficacy against influenza virus and pharmacokinetic analysis of a novel MEK-inhibitor, ATR-002, in cell culture and in the mouse model. Antiviral Research, 2020, 178, 104806.	4.1	21
147	Influenza viruses and MAP kinase cascades â€“ Novel targets for an antiviral intervention?. Signal Transduction, 2007, 7, 81-88.	0.4	20
148	Identification and characterisation of novel Mss4-binding Rab GTPases. Biological Chemistry, 2011, 392, 239-48.	2.5	19
149	Transactivation of Naturally Occurring HIV-1 Long Terminal Repeats by the JNK Signaling Pathway. Journal of Biological Chemistry, 2000, 275, 20382-20390.	3.4	18
150	Selective Expression of Calcium-Binding Proteins S100A8 and S100A9 at Distinct Sites of Hair Follicles. Journal of Investigative Dermatology, 2001, 117, 748-750.	0.7	17
151	Constitutive Activation of the Transcription Factor NF-Î°B Results in Impaired Borna Disease Virus Replication. Journal of Virology, 2005, 79, 6043-6051.	3.4	17
152	The influenza A virus matrix protein as a marker to monitor initial virus internalisation. Biological Chemistry, 2009, 390, 509-515.	2.5	17
153	Advances in Transgenic Mouse Models to Study Infections by Human Pathogenic Viruses. International Journal of Molecular Sciences, 2020, 21, 9289.	4.1	17
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