

Po Tien

List of Publications by Year in descending order

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99
papers

3,828
citations

147801

31
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138484

58
g-index

100
all docs

100
docs citations

100
times ranked

5278
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between heptad repeat 1 and 2 regions in spike protein of SARS-associated coronavirus: implications for virus fusogenic mechanism and identification of fusion inhibitors. <i>Lancet, The</i> , 2004, 363, 938-947.	13.7	476
2	PD-1 and PD-L1 upregulation promotes CD8 ⁺ T cell apoptosis and postoperative recurrence in hepatocellular carcinoma patients. <i>International Journal of Cancer</i> , 2011, 128, 887-896.	5.1	395
3	Functional impairment in circulating and intrahepatic NK cells and relative mechanism in hepatocellular carcinoma patients. <i>Clinical Immunology</i> , 2008, 129, 428-437.	3.2	259
4	Crystal Structure of Severe Acute Respiratory Syndrome Coronavirus Spike Protein Fusion Core. <i>Journal of Biological Chemistry</i> , 2004, 279, 49414-49419.	3.4	179
5	Cell Surface Vimentin Is an Attachment Receptor for Enterovirus 71. <i>Journal of Virology</i> , 2014, 88, 5816-5833.	3.4	136
6	Structural Basis for Coronavirus-mediated Membrane Fusion. <i>Journal of Biological Chemistry</i> , 2004, 279, 30514-30522.	3.4	111
7	Following the rule: formation of the 6-helix bundle of the fusion core from severe acute respiratory syndrome coronavirus spike protein and identification of potent peptide inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 283-288.	2.1	98
8	Generation of Murine CTL by a Hepatitis B Virus-Specific Peptide and Evaluation of the Adjuvant Effect of Heat Shock Protein Glycoprotein 96 and Its Terminal Fragments. <i>Journal of Immunology</i> , 2005, 174, 195-204.	0.8	84
9	Satellite RNA for the Biocontrol of Plant Disease. <i>Advances in Virus Research</i> , 1991, 39, 321-339.	2.1	82
10	HBV-specific peptide associated with heat-shock protein gp96. <i>Lancet, The</i> , 2001, 357, 528-529.	13.7	75
11	Sifuvirtide, a potent HIV fusion inhibitor peptide. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 540-544.	2.1	73
12	On-column purification and refolding of recombinant bovine prion protein: using its octarepeat sequences as a natural affinity tag. <i>Protein Expression and Purification</i> , 2003, 32, 104-109.	1.3	68
13	Analysis of a point mutation in H5N1 avian influenza virus hemagglutinin in relation to virus entry into live mammalian cells. <i>Archives of Virology</i> , 2008, 153, 2253-2261.	2.1	66
14	Bunyavirales ribonucleoproteins: the viral replication and transcription machinery. <i>Critical Reviews in Microbiology</i> , 2018, 44, 522-540.	6.1	57
15	Satellite RNA for the control of plant diseases caused by cucumber mosaic virus. <i>Annals of Applied Biology</i> , 1987, 111, 143-152.	2.5	55
16	Human prion proteins with pathogenic mutations share common conformational changes resulting in enhanced binding to glycosaminoglycans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7546-7551.	7.1	55
17	Characterization of the Heptad Repeat Regions, HR1 and HR2, and Design of a Fusion Core Structure Model of the Spike Protein from Severe Acute Respiratory Syndrome (SARS) Coronavirus. <i>Biochemistry</i> , 2004, 43, 14064-14071.	2.5	54
18	Both heptad repeats of human respiratory syncytial virus fusion protein are potent inhibitors of viral fusion. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 469-475.	2.1	51

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19	Structural characterization of the fusion core in syncytin, envelope protein of human endogenous retrovirus family W. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1193-1200.	2.1	51
20	DYRK2 Negatively Regulates Type I Interferon Induction by Promoting TBK1 Degradation via Ser527 Phosphorylation. <i>PLoS Pathogens</i> , 2015, 11, e1005179.	4.7	49
21	Enterovirus 71 2B Induces Cell Apoptosis by Directly Inducing the Conformational Activation of the Proapoptotic Protein Bax. <i>Journal of Virology</i> , 2016, 90, 9862-9877.	3.4	48
22	Enantioselective inhibition of reverse transcriptase (RT) of HIV-1 by non-racemic indole-based trifluoropropanoates developed by asymmetric catalysis using recyclable organocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8463.	2.8	46
23	Six-helix bundle assembly and characterization of heptad repeat regions from the F protein of Newcastle disease virus. <i>Journal of General Virology</i> , 2002, 83, 623-629.	2.9	43
24	Isolation of Virus from a SARS Patient and Genome-wide Analysis of Genetic Mutations Related to Pathogenesis and Epidemiology from 47 SARS-CoV Isolates. <i>Virus Genes</i> , 2005, 30, 93-102.	1.6	43
25	Inhibition of hepatitis B virus replication by activation of the cGAS-STING pathway. <i>Journal of General Virology</i> , 2016, 97, 3368-3378.	2.9	41
26	Three-step purification of gp96 from human liver tumor tissues suitable for isolation of gp96-bound peptides. <i>Journal of Immunological Methods</i> , 2002, 264, 29-35.	1.4	40
27	Synthesis and antiviral activities of novel gossypol derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1415-1420.	2.2	39
28	Prion Proteins with Insertion Mutations Have Altered N-terminal Conformation and Increased Ligand Binding Activity and Are More Susceptible to Oxidative Attack. <i>Journal of Biological Chemistry</i> , 2006, 281, 10698-10705.	3.4	36
29	Synthesis and SARs of indole-based β -amino acids as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8308-8317.	2.8	36
30	Resistance of tomato infected with cucumber mosaic virus satellite RNA to potato spindle tuber viroid. <i>Annals of Applied Biology</i> , 1996, 129, 543-551.	2.5	34
31	Nuclear Protein Sam68 Interacts with the Enterovirus 71 Internal Ribosome Entry Site and Positively Regulates Viral Protein Translation. <i>Journal of Virology</i> , 2015, 89, 10031-10043.	3.4	34
32	Human respiratory syncytial virus infection is inhibited by IFN-induced transmembrane proteins. <i>Journal of General Virology</i> , 2015, 96, 170-182.	2.9	33
33	Limited Cross-Linking of 4-1BB by 4-1BB Ligand and the Agonist Monoclonal Antibody Utomilumab. <i>Cell Reports</i> , 2018, 25, 909-920.e4.	6.4	33
34	From endocytosis to membrane fusion: emerging roles of dynamin in virus entry. <i>Critical Reviews in Microbiology</i> , 2013, 39, 166-179.	6.1	31
35	IFN- λ : A new spotlight in innate immunity against influenza virus infection. <i>Protein and Cell</i> , 2018, 9, 832-837.	11.0	29
36	Design of recombinant protein-based SARS-CoV entry inhibitors targeting the heptad-repeat regions of the spike protein S2 domain. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 39-45.	2.1	28

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37	Synthesis and anti-H5N1 activity of chiral gossypol derivatives and its analogs implicated by a viral entry blocking mechanism. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2619-2623.	2.2	27
38	Bovine PrPC directly interacts with β -crystalline. <i>FEBS Letters</i> , 2005, 579, 5419-5424.	2.8	26
39	Amino acid derivatives of the (β^2) enantiomer of gossypol are effective fusion inhibitors of human immunodeficiency virus type 1. <i>Antiviral Research</i> , 2012, 94, 276-287.	4.1	26
40	Significant correlation between expression level of HSP gp96 and progression of hepatitis B virus induced diseases. <i>World Journal of Gastroenterology</i> , 2004, 10, 1141.	3.3	26
41	The fusion protein core of measles virus forms stable coiled-coil trimer. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 897-902.	2.1	25
42	Enhancing the potency of HBV DNA vaccines using fusion genes of HBV-specific antigens and the N-terminal fragment of gp96. <i>Journal of Gene Medicine</i> , 2007, 9, 107-121.	2.8	25
43	Effects of heat shock protein gp96 on human dendritic cell maturation and CTL expansion. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 581-587.	2.1	23
44	Resistance to Mutant Group 2 Influenza Virus Neuraminidases of an Oseltamivir-Zanamivir Hybrid Inhibitor. <i>Journal of Virology</i> , 2016, 90, 10693-10700.	3.4	23
45	Six-helix bundle assembly and analysis of the central core of mumps virus fusion protein. <i>Archives of Biochemistry and Biophysics</i> , 2004, 421, 143-148.	3.0	22
46	Syncytin-A Mediates the Formation of Syncytiotrophoblast Involved in Mouse Placental Development. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 517-526.	1.6	22
47	Hepatitis B virus e antigen induces activation of rat hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 391-396.	2.1	21
48	The nuclear protein Sam68 is redistributed to the cytoplasm and is involved in PI3K/Akt activation during EV71 infection. <i>Virus Research</i> , 2014, 180, 1-11.	2.2	21
49	Enhancement of humoral immune responses to HBsAg by heat shock protein gp96 and its N-terminal fragment in mice. <i>World Journal of Gastroenterology</i> , 2005, 11, 2858.	3.3	21
50	Recombinant protein of heptad-repeat HR212, a stable fusion inhibitor with potent anti-HIV action in vitro. <i>Virology</i> , 2008, 377, 80-87.	2.4	19
51	Prevalence of Drug-Resistant HIV-1 in Rural Areas of Hubei Province in the People's Republic of China. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009, 50, 1-8.	2.1	19
52	Halolactones are potent HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>RSC Advances</i> , 2015, 5, 10005-10013.	3.6	19
53	Identification and Structure-Activity Relationships of Diarylhydrazides as Novel Potent and Selective Human Enterovirus Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2139-2150.	6.4	19
54	Molecular Basis of a Protective/Neutralizing Monoclonal Antibody Targeting Envelope Proteins of both Tick-Borne Encephalitis Virus and Louping Ill Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	19

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55	Design and analysis of post-fusion 6-helix bundle of heptad repeat regions from Newcastle disease virus F protein. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 373-379.	2.1	18
56	Rational design of highly potent HIV-1 fusion inhibitory proteins: Implication for developing antiviral therapeutics. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 831-836.	2.1	18
57	Ribozyme-mediated resistance to rice dwarf virus and the transgene silencing in the progeny of transgenic rice plants. <i>Transgenic Research</i> , 2000, 9, 195-203.	2.4	17
58	Functional Characterization of Syncytin-A, a Newly Murine Endogenous Virus Envelope Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 381-389.	3.4	17
59	Quick identification of effective small interfering RNAs that inhibit the replication of coxsackievirus A16. <i>Antiviral Research</i> , 2008, 80, 295-301.	4.1	17
60	Glycoprotein 96-Mediated Presentation of Human Immunodeficiency Virus Type 1 (HIV-1)-Specific Human Leukocyte Antigen Class I-Restricted Peptide and Humoral Immune Responses to HIV-1 p24. <i>Vaccine Journal</i> , 2009, 16, 1595-1600.	3.1	17
61	An efficient RNA-cleaving DNA enzyme can specifically target the 5' untranslated region of severe acute respiratory syndrome associated coronavirus (SARS-CoV). <i>Journal of Gene Medicine</i> , 2007, 9, 1080-1086.	2.8	16
62	A retrovirus-based system to stably silence GDF8 expression and enhance myogenic differentiation in human rhabdomyosarcoma cells. <i>Journal of Gene Medicine</i> , 2008, 10, 825-833.	2.8	16
63	Differential interferon pathway gene expression patterns in Rhabdomyosarcoma cells during Enterovirus 71 or Coxsackievirus A16 infection. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 550-555.	2.1	14
64	Design and Characterization of Viral Polypeptide Inhibitors Targeting Newcastle Disease Virus Fusion. <i>Journal of Molecular Biology</i> , 2005, 354, 601-613.	4.2	13
65	Screening for CD8 cytotoxic T lymphocytes specific for Gag of human immunodeficiency virus type 1 subtype B Henan isolate from China and identification of novel epitopes restricted by the HLA-A2 and HLA-A11 alleles. <i>Journal of General Virology</i> , 2006, 87, 151-158.	2.9	12
66	Identification of the nonstructural protein 4B of hepatitis C virus as a factor that inhibits the antiviral activity of interferon-alpha. <i>Virus Research</i> , 2009, 141, 55-62.	2.2	12
67	Design, synthesis and biological evaluation of small molecular polyphenols as entry inhibitors against H5N1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2680-2684.	2.2	12
68	Synthesis of N-benzyl-N-phenylthiophene-2-carboxamide analogues as a novel class of enterovirus 71 inhibitors. <i>RSC Advances</i> , 2015, 5, 55100-55108.	3.6	12
69	Design and Characterization of Human Respiratory Syncytial Virus Entry Inhibitors. <i>Antiviral Therapy</i> , 2005, 10, 833-840.	1.0	12
70	In vitro self-propagation of recombinant PrP ^{Sc} -like conformation generated in the yeast cytoplasm. <i>FEBS Letters</i> , 2006, 580, 4231-4235.	2.8	11
71	A facile one-pot multi-component synthesis of novel adamantane substituted imidazo[1,2-a]pyridine derivatives: identification and structure-activity relationship study of their anti-HIV-1 activity. <i>RSC Advances</i> , 2016, 6, 95177-95188.	3.6	11
72	Interaction of Doppel with the full-length laminin receptor precursor protein. <i>Archives of Biochemistry and Biophysics</i> , 2004, 428, 165-169.	3.0	9

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73	Structural characterization of Mumps virus fusion protein core. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 916-922.	2.1	9
74	Crystallization and preliminary X-ray crystallographic analysis of the trimer core from measles virus fusion protein. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 587-590.	2.5	8
75	Crystallization and preliminary X-ray diffraction analysis of post-fusion six-helix bundle core structure from Newcastle disease virus F protein. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1296-1298.	2.5	8
76	A Novel Enzyme-Linked Immunosorbent Assay for Screening HIV-1 Fusion Inhibitors Targeting HIV-1 Gp41 Core Structure. <i>Journal of Biomolecular Screening</i> , 2011, 16, 221-229.	2.6	8
77	Resistance of tomato infected with cucumber mosaic virus satellite RNA to potato spindle tuber viroid. <i>Annals of Applied Biology</i> , 1997, 130, 207-215.	2.5	7
78	Selection of a specific peptide from a nona-peptide library for in vitro inhibition of grass carp hemorrhage virus replication. <i>Virus Research</i> , 2000, 67, 119-125.	2.2	7
79	Computational predicting the human infectivity of H7N9 influenza viruses isolated from avian hosts. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 846-856.	3.0	6
80	Evidence for Within-Host Genetic Recombination among the Human Pegiviral Strains in HIV Infected Subjects. <i>PLoS ONE</i> , 2016, 11, e0161880.	2.5	6
81	A dual reporter gene based system to quantitate the cell fusion of avian influenza virus H5N1. <i>Biotechnology Letters</i> , 2007, 30, 73-79.	2.2	5
82	Plant resistance to fungal diseases induced by the infection of cucumber mosaic virus attenuated by satellite RNA. <i>Annals of Applied Biology</i> , 1992, 120, 361-366.	2.5	4
83	Crystallization and preliminary X-ray diffraction analysis of central structure domains from mumps virus F protein. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 855-857.	0.7	4
84	A novel minicircle vector based system for inhibiting the replication and gene expression of Enterovirus 71 and Coxsackievirus A16. <i>Antiviral Research</i> , 2012, 96, 234-244.	4.1	4
85	Ribozyme-mediated suppression of platelet type 12 lipoxygenase in human erythroleukemia cells. <i>Cancer Gene Therapy</i> , 2000, 7, 671-675.	4.6	3
86	The antibodies directed against N-terminal heptad-repeat peptide of hRSV fusion protein and its analog-5-Helix inhibit virus infection in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1358-1364.	2.1	3
87	Phylogenetic diversity of GB virus C at the antigenic site of E2 protein. <i>Virus Research</i> , 2013, 178, 502-505.	2.2	3
88	Expression of the $\langle scp \rangle CMV \langle /scp \rangle \text{--} \langle scp \rangle CP \langle /scp \rangle$ Gene in <i>Synechocystis</i> 6803 Affects Cyanobacterial Photosynthesis. <i>Journal of Phytopathology</i> , 2013, 161, 263-270.	1.0	3
89	Memory effect of reversibly thermoswitchable self-assembly-competent recombinant TMV coat protein with multi-binding moieties with potential applications in nanoparticle purification. <i>Journal of Materials Science</i> , 2014, 49, 2693-2704.	3.7	3
90	Identification of hepatitis B virus-specific CTL epitopes presented by HLA-A \sim 33:03 in peripheral blood mononuclear cells from patients and transgenic mice. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 135-140.	2.1	3

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91	The Potent Human Immunodeficiency Virus Type 1 (HIV-1) Entry Inhibitor HR212 Blocks Formation of the Envelope Glycoprotein gp41 Six-Helix Bundle. <i>AIDS Research and Human Retroviruses</i> , 2013, 29, 613-620.	1.1	2
92	Study on nanocomposite construction based on the multi-functional biotemplate self-assembled by the recombinant TMGMV coat protein for potential biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 97.	3.6	2
93	Self-assembled bionanoparticles based on the <i>Sulfolobus tengchongensis</i> spindle-shaped virus 1 (STSV1) coat protein as a prospective bioscaffold for nanotechnological applications. <i>Extremophiles</i> , 2014, 18, 745-754.	2.3	1
94	Mitochondria Redistribution in Enterovirus A71 Infected Cells and Its Effect on Virus Replication. <i>Virologica Sinica</i> , 2019, 34, 397-411.	3.0	1
95	MicroRNAs miR-18a and miR-452 regulate the replication of enterovirus 71 by targeting the gene encoding VP3. <i>Virus Genes</i> , 2021, 57, 318-326.	1.6	1
96	Construction of human combinatorial antibody library and screening of monoclonal antibody Fabs to human immunodeficiency virus type I. <i>Science Bulletin</i> , 1999, 44, 352-356.	1.7	0
97	Controlled expression of enhanced green fluorescent protein and hepatitis B virus precore protein in mammalian cells*. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 114-118.	4.4	0
98	An Engineered PrPsc-like Molecule from the Chimera of Mammalian Prion Protein and Yeast Ure2p Prion-inducing Domain. <i>Acta Biochimica Et Biophysica Sinica</i> , 2004, 36, 128-132.	2.0	0
99	Cloning of M and NP gene of H5N1 avian influenza virus and immune efficacy of their DNA vaccines. <i>Virologica Sinica</i> , 2007, 22, 46-52.	3.0	0