Wei Kong

List of Publications by Year
in descending order

104 papers	1,501 citations	361413 20 h-index	434195 31 g-index
105 all docs	105 docs citations	105 times ranked	2398 citing authors

#	Article	IF	Citations
1	Antiviral Efficacy of Flavonoids against Enterovirus 71 Infection in Vitro and in Newborn Mice. Viruses, 2019, 11, 625.	3.3	81
2	Identification of Luteolin as Enterovirus 71 and Coxsackievirus A16 Inhibitors through Reporter Viruses and Cell Viability-Based Screening. Viruses, 2014, 6, 2778-2795.	3.3	69
3	Disruption of MDA5-Mediated Innate Immune Responses by the 3C Proteins of Coxsackievirus A16, Coxsackievirus A6, and Enterovirus D68. Journal of Virology, 2017, 91, .	3.4	59
4	The behavioural and neuropathologic sexual dimorphism and absence of MIP-3Î± in tau P301S mouse model of Alzheimerâ€™s disease. Journal of Neuroinflammation, 2020, 17, 72.	7.2	51
5	Hepatitis E Virus Produced from Cell Culture Has a Lipid Envelope. PLoS ONE, 2015, 10, e0132503.	2.5	47
6	Engineering a â€œPEG-g-PEI/DNA nanoparticle-in- PLGA microsphereâ€•hybrid controlled release system to enhance immunogenicity of DNA vaccine. Materials Science and Engineering C, 2020, 106, 110294.	7.3	46
7	Epigenetic suppression of E-cadherin expression by Snail2 during the metastasis of colorectal cancer. Clinical Epigenetics, 2018, 10, 154.	4.1	41
8	Anti-tumor effects of DNA vaccine targeting human fibroblast activation protein Î± by producing specific immune responses and altering tumor microenvironment in the 4T1 murine breast cancer model. Cancer Immunology, Immunotherapy, 2016, 65, 613-624.	4.2	40
9	G9a and histone deacetylases are crucial for Snail2â€•mediated Eâ€•cadherin repression and metastasis in hepatocellular carcinoma. Cancer Science, 2019, 110, 3442-3452.	3.9	40
10	Size-controlled fabrication of zein nano/microparticles by modified anti-solvent precipitation with/without sodium caseinate. International Journal of Nanomedicine, 2017, Volume 12, 8197-8209.	6.7	39
11	Using near-infrared enhanced thermozyme and scFv dual-conjugated Au nanorods for detection and targeted photothermal treatment of Alzheimer's disease. Theranostics, 2019, 9, 2268-2281.	10.0	32
12	Cyclophosphamide enhances anti-tumor effects of a fibroblast activation protein Î±-based DNA vaccine in tumor-bearing mice with murine breast carcinoma. Immunopharmacology and Immunotoxicology, 2017, 39, 37-44.	2.4	31
13	Zein-Based Nanofibres for Drug Delivery: Classes and Current Applications. Current Pharmaceutical Design, 2015, 21, 3199-3207.	1.9	28
14	Exploration of binding and inhibition mechanism of a small molecule inhibitor of influenza virus H1N1 hemagglutinin by molecular dynamics simulation. Scientific Reports, 2017, 7, 3786.	3.3	28
15	Comparison of neurotoxicity of different aggregated forms of AÎ²40, AÎ²42 and AÎ²43 in cell cultures. Journal of Peptide Science, 2017, 23, 245-251.	1.4	27
16	Antiviral Effects of ABMA against Herpes Simplex Virus Type 2 In Vitro and In Vivo. Viruses, 2018, 10, 119.	3.3	25
17	Snail2 induced E-cadherin suppression and metastasis in lung carcinoma facilitated by G9a and HDACs. Cell Adhesion and Migration, 2019, 13, 284-291.	2.7	24
18	MUC1 and survivin combination tumor gene vaccine generates specific immune responses and anti-tumor effects in a murine melanoma model. Vaccine, 2016, 34, 2648-2655.	3.8	23

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19	Comparison of immunogenicity, efficacy and transcriptome changes of inactivated rabies virus vaccine with different adjuvants. Vaccine, 2018, 36, 5020-5029.	3.8	23
20	The Effect of Size, Dose, and Administration Route on Zein Nanoparticle Immunogenicity in BALB/c Mice . International Journal of Nanomedicine, 2019, Volume 14, 9917-9928.	6.7	23
21	Doxorubicin pretreatment enhances FAPÎ±/survivin co-targeting DNA vaccine anti-tumor activity primarily through decreasing peripheral MDSCs in the 4T1 murine breast cancer model. OncoImmunology, 2020, 9, 1747350.	4.6	22
22	Antiviral effects of Retro-2 cycl and Retro-2.1 against Enterovirus 71 inÂvitro and inÂvivo. Antiviral Research, 2017, 144, 311-321.	4.1	21
23	A DNA vaccine expressing an optimized secreted FAPÎ± induces enhanced anti-tumor activity by altering the tumor microenvironment in a murine model of breast cancer. Vaccine, 2019, 37, 4382-4391.	3.8	21
24	Improvement of anti-tumor immunity of fibroblast activation protein Î± based vaccines by combination with cyclophosphamide in a murine model of breast cancer. Cellular Immunology, 2016, 310, 89-98.	3.0	20
25	Evaluation of the immunogenicity and protective effects of a trivalent chimeric norovirus P particle immunogen displaying influenza HA2 from subtypes H1, H3 and B. Emerging Microbes and Infections, 2016, 5, 1-12.	6.5	19
26	Soluble PD-1-based vaccine targeting MUC1 VNTR and survivin improves anti-tumor effect. Immunology Letters, 2018, 200, 33-42.	2.5	19
27	Enhancement of fibroblast activation protein Î±-based vaccines and adenovirus boost immunity by cyclophosphamide through inhibiting IL-10 expression in 4T1 tumor bearing mice. Vaccine, 2016, 34, 4526-4535.	3.8	18
28	Exosome-Mediated Delivery of Inducible miR-423-5p Enhances Resistance of MRC-5 Cells to Rabies Virus Infection. International Journal of Molecular Sciences, 2019, 20, 1537.	4.1	18
29	Exosomes Released from Rabies Virus-Infected Cells May be Involved in the Infection Process. Virologica Sinica, 2019, 34, 59-65.	3.0	18
30	Respiratory Syncytial Virus F Subunit Vaccine With AS02 Adjuvant Elicits Balanced, Robust Humoral and Cellular Immunity in BALB/c Mice. Frontiers in Immunology, 2020, 11, 526965.	4.8	18
31	Development of broad neutralization activity in simian/human immunodeficiency virus-infected rhesus macaques after long-term infection. Aids, 2018, 32, 555-563.	2.2	17
32	Novel intranasal pertussis vaccine based on bacterium-like particles as a mucosal adjuvant. Immunology Letters, 2018, 198, 26-32.	2.5	16
33	Comparison of four adjuvants revealed theÂstrongest protection against lethal pneumococcal challenge following immunization with PsaA-PspA fusion protein and AS02 as adjuvant. Medical Microbiology and Immunology, 2019, 208, 215-226.	4.8	16
34	Antiviral Effect of Retro-2.1 against Herpes Simplex Virus Type 2 In Vitro. Journal of Microbiology and Biotechnology, 2018, 28, 849-859.	2.1	16
35	A novel capsid-modified oncolytic recombinant adenovirus type 5 for tumor-targeting gene therapy by intravenous route. Oncotarget, 2016, 7, 47287-47301.	1.8	15
36	Norovirus P particle-based active AÎ² immunotherapy elicits sufficient immunogenicity and improves cognitive capacity in a mouse model of Alzheimerâ€™s disease. Scientific Reports, 2017, 7, 41041.	3.3	15

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37	Recombinant AAV8-mediated intrastriatal gene delivery of CDNF protects rats against methamphetamine neurotoxicity. International Journal of Medical Sciences, 2017, 14, 340-347.	2.5	14
38	Optimized DNA Vaccine Enhanced by Adjuvant IL28B Induces Protective Immune Responses Against Herpes Simplex Virus Type 2 in Mice. Viral Immunology, 2017, 30, 601-614.	1.3	13
39	Synthesis, Characterization and In Vitro Evaluation of a Novel Glycol Chitosan-EDTA Conjugate to Inhibit Aminopeptidase-Mediated Degradation of Thymopoietin Oligopeptides. Molecules, 2017, 22, 1253.	3.8	13
40	Therapeutic efficacy of AAV8-mediated intrastriatal delivery of human cerebral dopamine neurotrophic factor in 6-OHDA-induced parkinsonian rat models with different disease progression. PLoS ONE, 2017, 12, e0179476.	2.5	13
41	Enhanced Sensitivity for Detection of HIV-1 p24 Antigen by a Novel Nuclease-Linked Fluorescence Oligonucleotide Assay. PLoS ONE, 2015, 10, e0125701.	2.5	13
42	Preexisting compensatory amino acids compromise fitness costs of a HIV-1ÂT cell escape mutation. Retrovirology, 2014, 11, 101.	2.0	12
43	Immunogenicity and protective efficacy of an EV71 virus-like particle vaccine against lethal challenge in newborn mice. Human Vaccines and Immunotherapeutics, 2015, 11, 2406-2413.	3.3	12
44	A Novel PspA Protein Vaccine Intranasal Delivered by Bacterium-Like Particles Provides Broad Protection Against Pneumococcal Pneumonia in Mice. Immunological Investigations, 2018, 47, 403-415.	2.0	12
45	Enhancing the antitumor activity of an engineered TRAIL-coated oncolytic adenovirus for treating acute myeloid leukemia. Signal Transduction and Targeted Therapy, 2020, 5, 40.	17.1	12
46	Surface-Functionalized Silica-Coated Calcium Phosphate Nanoparticles Efficiently Deliver DNA-Based HIV-1 Trimeric Envelope Vaccines against HIV-1. ACS Applied Materials & Interfaces, 2021, 13, 53630-53645.	8.0	12
47	Both Rbx1 and Rbx2 exhibit a functional role in the HIV-1 Vif-Cullin5 E3 ligase complex inÂvitro. Biochemical and Biophysical Research Communications, 2015, 461, 624-629.	2.1	11
48	Identification of a Common Epitope between Enterovirus 71 and Human MED25 Proteins Which May Explain Virus-Associated Neurological Disease. Viruses, 2015, 7, 1558-1577.	3.3	11
49	Interaction between hexon and L4-100K determines virus rescue and growth of hexon-chimeric recombinant Ad5 vectors. Scientific Reports, 2016, 6, 22464.	3.3	11
50	Comparison of Immunogenicity and Protection of Two Pneumococcal Protein Vaccines Based on PsaA and PspA. Infection and Immunity, 2018, 86, .	2.2	11
51	JNK1 Mediates Lipopolysaccharide-Induced CD14 and SR-AI Expression and Macrophage Foam Cell Formation. Frontiers in Physiology, 2017, 8, 1075.	2.8	11
52	Viral Restriction Activity of Feline BST2 Is Independent of Its N-Glycosylation and Induction of NF-ÎºB Activation. PLoS ONE, 2015, 10, e0138190.	2.5	10
53	Systemic and mucosal immune responses elicited by intranasal immunization with a pneumococcal bacterium-like particle-based vaccine displaying pneumolysin mutant Plym2. Immunology Letters, 2017, 187, 41-46.	2.5	10
54	Protection elicited by nasal immunization with pneumococcal surface protein A (PspA) adjuvanted with bacterium-like particles against Streptococcus pneumoniae infection in mice. Microbial Pathogenesis, 2018, 123, 115-119.	2.9	10

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55	Broad protective immune responses elicited by bacterium-like particle-based intranasal pneumococcal particle vaccine displaying PspA2 and PspA4 fragments. Human Vaccines and Immunotherapeutics, 2019, 15, 371-380.	3.3	10
56	Combined prime-boost immunization with systemic and mucosal pneumococcal vaccines based on Pneumococcal surface protein A to enhance protection against lethal pneumococcal infections. Immunologic Research, 2019, 67, 398-407.	2.9	9
57	Epitope Tags beside the N-Terminal Cytoplasmic Tail of Human BST-2 Alter Its Intracellular Trafficking and HIV-1 Restriction. PLoS ONE, 2014, 9, e111422.	2.5	8
58	A novel variable antibody fragment dimerized by leucine zippers with enhanced neutralizing potency against rabies virus G protein compared to its corresponding single-chain variable antibody fragment. Molecular Immunology, 2015, 68, 168-175.	2.2	8
59	A pneumococcal vaccine combination with two proteins containing PspA families 1 and 2 can potentially protect against a wide range of Streptococcus pneumoniae strains. Immunologic Research, 2018, 66, 528-536.	2.9	8
60	Heterologous prime-boost immunization co-targeting dual antigens inhibit tumor growth and relapse. OncoImmunology, 2020, 9, 1841392.	4.6	8
61	Norovirus P particle-based tau vaccine-generated phosphorylated tau antibodies markedly ameliorate tau pathology and improve behavioral deficits in mouse model of Alzheimerâ€™s disease. Signal Transduction and Targeted Therapy, 2021, 6, 61.	17.1	8
62	Effects of poly(I:C) and MF59 coâ€adjuvants on immunogenicity and efficacy of survivin polypeptide immunogen against melanoma. Journal of Cellular Physiology, 2018, 233, 4926-4934.	4.1	7
63	Sphere Formation Assay is not an Effective Method for Cancer Stem Cell Derivation and Characterization from the Caco-2 Colorectal Cell Line. Current Stem Cell Research and Therapy, 2014, 9, 82-88.	1.3	7
64	Antitumor effect of adenoviral vector prime protein boost immunity targeting the MUC1 VNTRs. Oncology Reports, 2014, 31, 1437-1444.	2.6	6
65	Characterization of human enterovirus71 virus-like particles used for vaccine antigens. PLoS ONE, 2017, 12, e0181182.	2.5	6
66	Autoubiquitination of feline E3 ubiquitin ligase BCA2. Gene, 2018, 638, 1-6.	2.2	6
67	Multiple Antigenic Peptide System Coupled with Amyloid Beta Protein Epitopes As An Immunization Approach to Treat Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2019, 10, 2794-2800.	3.5	6
68	Identification of Linear Peptide Immunogens with Verified Broad-spectrum Immunogenicity from the Conserved Regions within the Hemagglutinin Stem Domain of H1N1 Influenza Virus. Immunological Investigations, 2020, , 1-14.	2.0	6
69	Hemagglutinin-based DNA vaccines containing trimeric self-assembling nanoparticles confer protection against influenza. Journal of Leukocyte Biology, 2022, 112, 547-556.	3.3	6
70	Negative effects of a disulfide bond mismatch in anti-rabies G protein single-chain antibody variable fragment FV57. Molecular Immunology, 2014, 59, 136-141.	2.2	5
71	Investigation Into Efficiency of a Novel Glycol Chitosanâ€“Bestatin Conjugate to Protect Thymopoietin Oligopeptides From Enzymatic Degradation. Journal of Pharmaceutical Sciences, 2016, 105, 828-837.	3.3	5
72	Purification and on-column refolding of a single-chain antibody fragment against rabies virus glycoprotein expressed in Escherichia coli. Protein Expression and Purification, 2016, 126, 26-32.	1.3	5

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73	Development a scalable production process for truncated human papillomavirus type-6 L1 protein using WAVE Bioreactor and hollow fiber membrane. Applied Microbiology and Biotechnology, 2016, 100, 1231-1240.	3.6	5
74	Evaluation of recombinant adenovirus vaccines based on glycoprotein D and truncated UL25 against herpes simplex virus type 2 in mice. Microbiology and Immunology, 2017, 61, 176-184.	1.4	5
75	Functionalization of magnetic titanium dioxide for targeted drug delivery and UV-induced release. Chemical Research in Chinese Universities, 2017, 33, 294-297.	2.6	5
76	Expression and purification of pneumococcal surface protein a of clade 4 in Escherichia coli using hydroxylapatite and ion-exchange column chromatography. Protein Expression and Purification, 2018, 151, 56-61.	1.3	5
77	Active immunization with norovirus P particle-based amyloid-Î² chimeric protein vaccine induces high titers of anti-Aî² antibodies in mice. BMC Immunology, 2019, 20, 9.	2.2	5
78	Accumulated mutations by 6 months of infection collectively render transmitted/founder HIV-1 significantly less fit. Journal of Infection, 2020, 80, 210-218.	3.3	5
79	A tropism-transformed Oncolytic Adenovirus with Dual Capsid Modifications for enhanced Glioblastoma Therapy. Journal of Cancer, 2020, 11, 5713-5726.	2.5	5
80	Comparing the Primary and Recall Immune Response Induced by a New EV71 Vaccine Using Systems Biology Approaches. PLoS ONE, 2015, 10, e0140515.	2.5	5
81	Progressive Spatial Memory Impairment, Brain Amyloid Deposition and Changes in Serum Amyloid Levels as a Function of Age in APPswe/PS1dE9 Mice. Current Alzheimer Research, 2018, 15, 1053-1061.	1.4	5
82	A self-assembling nanoparticle vaccine targeting the conserved epitope of influenza virus hemagglutinin stem elicits a cross-protective immune response. Nanoscale, 2022, 14, 3250-3260.	5.6	5
83	Vaccine with bacteriumâ€like particles displaying HIVâ€1 gp120 trimer elicits specific mucosal responses and neutralizing antibodies in rhesus macaques. Microbial Biotechnology, 2022, 15, 2022-2039.	4.2	5
84	Expression of HIV-1 broadly neutralizing antibodies mediated by recombinant adeno-associated virus 8 in vitro and in vivo. Molecular Immunology, 2016, 80, 68-77.	2.2	4
85	Localization of neutralization epitopes on adenovirus fiber knob from species C. Journal of General Virology, 2016, 97, 955-962.	2.9	4
86	Evaluation of a candidate live attenuated influenza vaccine prepared in Changchun BCHT (China) for safety and efficacy in ferrets. Vaccine, 2016, 34, 5953-5958.	3.8	3
87	Immunologic and Virologic Mechanisms for Partial Protection from Intravenous Challenge by an Integration-Defective SIV Vaccine. Viruses, 2017, 9, 135.	3.3	3
88	Effects of insulin on transcriptional response and permeability in an in vitro model of human bloodâ€brain barrier. Journal of Cellular Biochemistry, 2018, 119, 5657-5664.	2.6	3
89	Development of a Stable Liquid Formulation for Live Attenuated Influenza Vaccine. Journal of Pharmaceutical Sciences, 2019, 108, 2315-2322.	3.3	3
90	Expression, purification and characterization of heterotrimeric forms of sTRAIL using a polycistronic expression vector. Protein Expression and Purification, 2015, 115, 118-124.	1.3	2

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91	Engineering of a novel zipFv using leucine zipper motif against rabies virus glycoprotein G with improved protection potency in vivo. Immunology Letters, 2017, 186, 9-14.	2.5	2
92	Therapeutic effects of mesenchymal stem cells combined with short hairpin RNA on liver injury induced by hepatitis B virus infection. Molecular Medicine Reports, 2017, 17, 1731-1741.	2.4	2
93	Screening HCV genotype-specific epitope peptides based on conserved sequence analysis and B cell epitope prediction in HCV E2 region. Immunologic Research, 2018, 66, 67-73.	2.9	2
94	Antiviral Activity of Feline BCA2 Is Mainly Dependent on Its Interference With Proviral Transcription Rather Than Degradation of FIV Gag. Frontiers in Microbiology, 2020, 11, 1230.	3.5	2
95	Expression, purification, and characterization of pneumococcal PsaA-PspA fusion protein. Protein Expression and Purification, 2021, 178, 105782.	1.3	2
96	Fast DNA Vaccination Strategy Elicits a Stronger Immune Response Dependent on CD8+CD11c+ Cell Accumulation. Frontiers in Oncology, 2021, 11, 752444.	2.8	2
97	Detection and comparison of structure and function of wild-type pneumolysin and its novel mutant PlyM2. Chemical Research in Chinese Universities, 2015, 31, 553-557.	2.6	1
98	Comparison of rabies virus protection by single chain and leucine zipper Fv fragments cocktail derived from a monoclonal antibody cocktail. Molecular Immunology, 2018, 101, 197-202.	2.2	1
99	Stimulation Effects and Mechanisms of Different Adjuvants on a Norovirus P Particle-Based Active Amyloid-Î² Vaccine. Journal of Alzheimer's Disease, 2020, 77, 1717-1732.	2.6	1
100	Expression and evaluation of porcine circovirus type 2 capsid protein mediated by recombinant adeno-associated virus 8. Journal of Veterinary Science, 2021, 22, e8.	1.3	1
101	Short-Fragment DNA Residue from Vaccine Purification Processes Promotes Immune Response to the New Inactivated EV71 Vaccine by Upregulating TLR9 mRNA. PLoS ONE, 2016, 11, e0153867.	2.5	1
102	Fusion Peptide Improves Stability and Bioactivity of Single Chain Antibody against Rabies Virus. Journal of Microbiology and Biotechnology, 2017, 27, 718-724.	2.1	1
103	Preclinical Safety and Biodistribution in Mice Following Single-Dose Intramuscular Inoculation of Tumor DNA Vaccine by Electroporation. Human Gene Therapy, 2022, 33, 757-764.	2.7	1
104	Eliciting 10E8-like antibodies by the membrane proximal external region peptide of HIV-1 in guinea pigs. Biotechnology Letters, 2017, 39, 367-373.	2.2	0