

Wei Kong

List of Publications by Year in descending order

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104
papers

1,501
citations

361296

20
h-index

434063

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. <i>Viruses</i> , 2019, 11, 625.	1.5	81
2	Identification of Luteolin as Enterovirus 71 and Coxsackievirus A16 Inhibitors through Reporter Viruses and Cell Viability-Based Screening. <i>Viruses</i> , 2014, 6, 2778-2795.	1.5	69
3	Disruption of MDA5-Mediated Innate Immune Responses by the 3C Proteins of Coxsackievirus A16, Coxsackievirus A6, and Enterovirus D68. <i>Journal of Virology</i> , 2017, 91, .	1.5	59
4	The behavioural and neuropathologic sexual dimorphism and absence of MIP-3 β in tau P301S mouse model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 72.	3.1	51
5	Hepatitis E Virus Produced from Cell Culture Has a Lipid Envelope. <i>PLoS ONE</i> , 2015, 10, e0132503.	1.1	47
6	Engineering a PEG-g-PEI/DNA nanoparticle-in- PLGA microsphere-hybrid controlled release system to enhance immunogenicity of DNA vaccine. <i>Materials Science and Engineering C</i> , 2020, 106, 110294.	3.8	46
7	Epigenetic suppression of E-cadherin expression by Snail2 during the metastasis of colorectal cancer. <i>Clinical Epigenetics</i> , 2018, 10, 154.	1.8	41
8	Anti-tumor effects of DNA vaccine targeting human fibroblast activation protein β by producing specific immune responses and altering tumor microenvironment in the 4T1 murine breast cancer model. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 613-624.	2.0	40
9	G9a and histone deacetylases are crucial for Snail2-mediated E-cadherin repression and metastasis in hepatocellular carcinoma. <i>Cancer Science</i> , 2019, 110, 3442-3452.	1.7	40
10	Size-controlled fabrication of zein nano/microparticles by modified anti-solvent precipitation with/without sodium caseinate. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8197-8209.	3.3	39
11	Using near-infrared enhanced thermozyme and scFv dual-conjugated Au nanorods for detection and targeted photothermal treatment of Alzheimer's disease. <i>Theranostics</i> , 2019, 9, 2268-2281.	4.6	32
12	Cyclophosphamide enhances anti-tumor effects of a fibroblast activation protein β -based DNA vaccine in tumor-bearing mice with murine breast carcinoma. <i>Immunopharmacology and Immunotoxicology</i> , 2017, 39, 37-44.	1.1	31
13	Zein-Based Nanofibres for Drug Delivery: Classes and Current Applications. <i>Current Pharmaceutical Design</i> , 2015, 21, 3199-3207.	0.9	28
14	Exploration of binding and inhibition mechanism of a small molecule inhibitor of influenza virus H1N1 hemagglutinin by molecular dynamics simulation. <i>Scientific Reports</i> , 2017, 7, 3786.	1.6	28
15	Comparison of neurotoxicity of different aggregated forms of A β ₄₀ , A β ₄₂ and A β ₄₃ in cell cultures. <i>Journal of Peptide Science</i> , 2017, 23, 245-251.	0.8	27
16	Antiviral Effects of ABMA against Herpes Simplex Virus Type 2 In Vitro and In Vivo. <i>Viruses</i> , 2018, 10, 119.	1.5	25
17	Snail2 induced E-cadherin suppression and metastasis in lung carcinoma facilitated by G9a and HDACs. <i>Cell Adhesion and Migration</i> , 2019, 13, 284-291.	1.1	24
18	MUC1 and survivin combination tumor gene vaccine generates specific immune responses and anti-tumor effects in a murine melanoma model. <i>Vaccine</i> , 2016, 34, 2648-2655.	1.7	23

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19	Comparison of immunogenicity, efficacy and transcriptome changes of inactivated rabies virus vaccine with different adjuvants. <i>Vaccine</i> , 2018, 36, 5020-5029.	1.7	23
20	<p>The Effect of Size, Dose, and Administration Route on Zein Nanoparticle Immunogenicity in BALB/c Mice</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9917-9928.	3.3	23
21	Doxorubicin pretreatment enhances FAP $\hat{\pm}$ /survivin co-targeting DNA vaccine anti-tumor activity primarily through decreasing peripheral MDSCs in the 4T1 murine breast cancer model. <i>Oncolmmunology</i> , 2020, 9, 1747350.	2.1	22
22	Antiviral effects of Retro-2 cycl and Retro-2.1 against Enterovirus 71 inÂvitro and inÂvivo. <i>Antiviral Research</i> , 2017, 144, 311-321.	1.9	21
23	A DNA vaccine expressing an optimized secreted FAP $\hat{\pm}$ induces enhanced anti-tumor activity by altering the tumor microenvironment in a murine model of breast cancer. <i>Vaccine</i> , 2019, 37, 4382-4391.	1.7	21
24	Improvement of anti-tumor immunity of fibroblast activation protein $\hat{\pm}$ based vaccines by combination with cyclophosphamide in a murine model of breast cancer. <i>Cellular Immunology</i> , 2016, 310, 89-98.	1.4	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. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-12.	3.0	19
26	Soluble PD-1-based vaccine targeting MUC1 VNTR and survivin improves anti-tumor effect. <i>Immunology Letters</i> , 2018, 200, 33-42.	1.1	19
27	Enhancement of fibroblast activation protein $\hat{\pm}$ -based vaccines and adenovirus boost immunity by cyclophosphamide through inhibiting IL-10 expression in 4T1 tumor bearing mice. <i>Vaccine</i> , 2016, 34, 4526-4535.	1.7	18
28	Exosome-Mediated Delivery of Inducible miR-423-5p Enhances Resistance of MRC-5 Cells to Rabies Virus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1537.	1.8	18
29	Exosomes Released from Rabies Virus-Infected Cells May be Involved in the Infection Process. <i>Virologica Sinica</i> , 2019, 34, 59-65.	1.2	18
30	Respiratory Syncytial Virus F Subunit Vaccine With AS02 Adjuvant Elicits Balanced, Robust Humoral and Cellular Immunity in BALB/c Mice. <i>Frontiers in Immunology</i> , 2020, 11, 526965.	2.2	18
31	Development of broad neutralization activity in simian/human immunodeficiency virus-infected rhesus macaques after long-term infection. <i>Aids</i> , 2018, 32, 555-563.	1.0	17
32	Novel intranasal pertussis vaccine based on bacterium-like particles as a mucosal adjuvant. <i>Immunology Letters</i> , 2018, 198, 26-32.	1.1	16
33	Comparison of four adjuvants revealed theÂstrongest protection against lethal pneumococcal challenge following immunization with PsaA-PspA fusion protein and AS02 as adjuvant. <i>Medical Microbiology and Immunology</i> , 2019, 208, 215-226.	2.6	16
34	Antiviral Effect of Retro-2.1 against Herpes Simplex Virus Type 2 In Vitro. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 849-859.	0.9	16
35	A novel capsid-modified oncolytic recombinant adenovirus type 5 for tumor-targeting gene therapy by intravenous route. <i>Oncotarget</i> , 2016, 7, 47287-47301.	0.8	15
36	Norovirus P particle-based active $\hat{\pm}$ immunotherapy elicits sufficient immunogenicity and improves cognitive capacity in a mouse model of Alzheimerâ€™s disease. <i>Scientific Reports</i> , 2017, 7, 41041.	1.6	15

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37	Recombinant AAV8-mediated intrastriatal gene delivery of CDFN protects rats against methamphetamine neurotoxicity. <i>International Journal of Medical Sciences</i> , 2017, 14, 340-347.	1.1	14
38	Optimized DNA Vaccine Enhanced by Adjuvant IL28B Induces Protective Immune Responses Against Herpes Simplex Virus Type 2 in Mice. <i>Viral Immunology</i> , 2017, 30, 601-614.	0.6	13
39	Synthesis, Characterization and In Vitro Evaluation of a Novel Glycol Chitosan-EDTA Conjugate to Inhibit Aminopeptidase-Mediated Degradation of Thymopietin Oligopeptides. <i>Molecules</i> , 2017, 22, 1253.	1.7	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. <i>PLoS ONE</i> , 2017, 12, e0179476.	1.1	13
41	Enhanced Sensitivity for Detection of HIV-1 p24 Antigen by a Novel Nuclease-Linked Fluorescence Oligonucleotide Assay. <i>PLoS ONE</i> , 2015, 10, e0125701.	1.1	13
42	Preexisting compensatory amino acids compromise fitness costs of a HIV-1 ^{ΔT} cell escape mutation. <i>Retrovirology</i> , 2014, 11, 101.	0.9	12
43	Immunogenicity and protective efficacy of an EV71 virus-like particle vaccine against lethal challenge in newborn mice. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2406-2413.	1.4	12
44	A Novel PspA Protein Vaccine Intranasal Delivered by Bacterium-Like Particles Provides Broad Protection Against Pneumococcal Pneumonia in Mice. <i>Immunological Investigations</i> , 2018, 47, 403-415.	1.0	12
45	Enhancing the antitumor activity of an engineered TRAIL-coated oncolytic adenovirus for treating acute myeloid leukemia. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 40.	7.1	12
46	Surface-Functionalized Silica-Coated Calcium Phosphate Nanoparticles Efficiently Deliver DNA-Based HIV-1 Trimeric Envelope Vaccines against HIV-1. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53630-53645.	4.0	12
47	Both Rbx1 and Rbx2 exhibit a functional role in the HIV-1 Vif-Cullin5 E3 ligase complex in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 624-629.	1.0	11
48	Identification of a Common Epitope between Enterovirus 71 and Human MED25 Proteins Which May Explain Virus-Associated Neurological Disease. <i>Viruses</i> , 2015, 7, 1558-1577.	1.5	11
49	Interaction between hexon and L4-100K determines virus rescue and growth of hexon-chimeric recombinant Ad5 vectors. <i>Scientific Reports</i> , 2016, 6, 22464.	1.6	11
50	Comparison of Immunogenicity and Protection of Two Pneumococcal Protein Vaccines Based on PsaA and PspA. <i>Infection and Immunity</i> , 2018, 86, .	1.0	11
51	JNK1 Mediates Lipopolysaccharide-Induced CD14 and SR-AI Expression and Macrophage Foam Cell Formation. <i>Frontiers in Physiology</i> , 2017, 8, 1075.	1.3	11
52	Viral Restriction Activity of Feline BST2 Is Independent of Its N-Glycosylation and Induction of NF- κ B Activation. <i>PLoS ONE</i> , 2015, 10, e0138190.	1.1	10
53	Systemic and mucosal immune responses elicited by intranasal immunization with a pneumococcal bacterium-like particle-based vaccine displaying pneumolysin mutant Plym2. <i>Immunology Letters</i> , 2017, 187, 41-46.	1.1	10
54	Protection elicited by nasal immunization with pneumococcal surface protein A (PspA) adjuvanted with bacterium-like particles against <i>Streptococcus pneumoniae</i> infection in mice. <i>Microbial Pathogenesis</i> , 2018, 123, 115-119.	1.3	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. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 371-380.	1.4	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. <i>Immunologic Research</i> , 2019, 67, 398-407.	1.3	9
57	Epitope Tags beside the N-Terminal Cytoplasmic Tail of Human BST-2 Alter Its Intracellular Trafficking and HIV-1 Restriction. <i>PLoS ONE</i> , 2014, 9, e111422.	1.1	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. <i>Molecular Immunology</i> , 2015, 68, 168-175.	1.0	8
59	A pneumococcal vaccine combination with two proteins containing PspA families 1 and 2 can potentially protect against a wide range of <i>Streptococcus pneumoniae</i> strains. <i>Immunologic Research</i> , 2018, 66, 528-536.	1.3	8
60	Heterologous prime-boost immunization co-targeting dual antigens inhibit tumor growth and relapse. <i>Oncolmmunology</i> , 2020, 9, 1841392.	2.1	8
61	Norovirus P particle-based tau vaccine-generated phosphorylated tau antibodies markedly ameliorate tau pathology and improve behavioral deficits in mouse model of Alzheimer's disease. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 61.	7.1	8
62	Effects of poly(I:C) and MF59 adjuvants on immunogenicity and efficacy of survivin polypeptide immunogen against melanoma. <i>Journal of Cellular Physiology</i> , 2018, 233, 4926-4934.	2.0	7
63	Sphere Formation Assay is not an Effective Method for Cancer Stem Cell Derivation and Characterization from the Caco-2 Colorectal Cell Line. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 82-88.	0.6	7
64	Antitumor effect of adenoviral vector prime protein boost immunity targeting the MUC1 VNTRs. <i>Oncology Reports</i> , 2014, 31, 1437-1444.	1.2	6
65	Characterization of human enterovirus71 virus-like particles used for vaccine antigens. <i>PLoS ONE</i> , 2017, 12, e0181182.	1.1	6
66	Autoubiquitination of feline E3 ubiquitin ligase BCA2. <i>Gene</i> , 2018, 638, 1-6.	1.0	6
67	Multiple Antigenic Peptide System Coupled with Amyloid Beta Protein Epitopes As An Immunization Approach to Treat Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2794-2800.	1.7	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. <i>Immunological Investigations</i> , 2020, , 1-14.	1.0	6
69	Hemagglutinin-based DNA vaccines containing trimeric self-assembling nanoparticles confer protection against influenza. <i>Journal of Leukocyte Biology</i> , 2022, 112, 547-556.	1.5	6
70	Negative effects of a disulfide bond mismatch in anti-rabies G protein single-chain antibody variable fragment FV57. <i>Molecular Immunology</i> , 2014, 59, 136-141.	1.0	5
71	Investigation Into Efficiency of a Novel Glycol Chitosan-Bestatin Conjugate to Protect Thymopoietin Oligopeptides From Enzymatic Degradation. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 828-837.	1.6	5
72	Purification and on-column refolding of a single-chain antibody fragment against rabies virus glycoprotein expressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2016, 126, 26-32.	0.6	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. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1231-1240.	1.7	5
74	Evaluation of recombinant adenovirus vaccines based on glycoprotein D and truncated UL25 against herpes simplex virus type 2 in mice. <i>Microbiology and Immunology</i> , 2017, 61, 176-184.	0.7	5
75	Functionalization of magnetic titanium dioxide for targeted drug delivery and UV-induced release. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 294-297.	1.3	5
76	Expression and purification of pneumococcal surface protein a of clade 4 in <i>Escherichia coli</i> using hydroxylapatite and ion-exchange column chromatography. <i>Protein Expression and Purification</i> , 2018, 151, 56-61.	0.6	5
77	Active immunization with norovirus P particle-based amyloid- β chimeric protein vaccine induces high titers of anti-A β antibodies in mice. <i>BMC Immunology</i> , 2019, 20, 9.	0.9	5
78	Accumulated mutations by 6 months of infection collectively render transmitted/founder HIV-1 significantly less fit. <i>Journal of Infection</i> , 2020, 80, 210-218.	1.7	5
79	A tropism-transformed Oncolytic Adenovirus with Dual Capsid Modifications for enhanced Glioblastoma Therapy. <i>Journal of Cancer</i> , 2020, 11, 5713-5726.	1.2	5
80	Comparing the Primary and Recall Immune Response Induced by a New EV71 Vaccine Using Systems Biology Approaches. <i>PLoS ONE</i> , 2015, 10, e0140515.	1.1	5
81	Progressive Spatial Memory Impairment, Brain Amyloid Deposition and Changes in Serum Amyloid Levels as a Function of Age in APP ^{swe} /PS1 ^{dE9} Mice. <i>Current Alzheimer Research</i> , 2018, 15, 1053-1061.	0.7	5
82	A self-assembling nanoparticle vaccine targeting the conserved epitope of influenza virus hemagglutinin stem elicits a cross-protective immune response. <i>Nanoscale</i> , 2022, 14, 3250-3260.	2.8	5
83	Vaccine with bacterium-like particles displaying HIV-1 gp120 trimer elicits specific mucosal responses and neutralizing antibodies in rhesus macaques. <i>Microbial Biotechnology</i> , 2022, 15, 2022-2039.	2.0	5
84	Expression of HIV-1 broadly neutralizing antibodies mediated by recombinant adeno-associated virus 8 in vitro and in vivo. <i>Molecular Immunology</i> , 2016, 80, 68-77.	1.0	4
85	Localization of neutralization epitopes on adenovirus fiber knob from species C. <i>Journal of General Virology</i> , 2016, 97, 955-962.	1.3	4
86	Evaluation of a candidate live attenuated influenza vaccine prepared in Changchun BCHT (China) for safety and efficacy in ferrets. <i>Vaccine</i> , 2016, 34, 5953-5958.	1.7	3
87	Immunologic and Virologic Mechanisms for Partial Protection from Intravenous Challenge by an Integration-Defective SIV Vaccine. <i>Viruses</i> , 2017, 9, 135.	1.5	3
88	Effects of insulin on transcriptional response and permeability in an in vitro model of human blood-brain barrier. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5657-5664.	1.2	3
89	Development of a Stable Liquid Formulation for Live Attenuated Influenza Vaccine. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2315-2322.	1.6	3
90	Expression, purification and characterization of heterotrimeric forms of sTRAIL using a polycistronic expression vector. <i>Protein Expression and Purification</i> , 2015, 115, 118-124.	0.6	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. <i>Immunology Letters</i> , 2017, 186, 9-14.	1.1	2
92	Therapeutic effects of mesenchymal stem cells combined with short hairpin RNA on liver injury induced by hepatitis B virus infection. <i>Molecular Medicine Reports</i> , 2017, 17, 1731-1741.	1.1	2
93	Screening HCV genotype-specific epitope peptides based on conserved sequence analysis and B cell epitope prediction in HCV E2 region. <i>Immunologic Research</i> , 2018, 66, 67-73.	1.3	2
94	Antiviral Activity of Feline BCA2 Is Mainly Dependent on Its Interference With Proviral Transcription Rather Than Degradation of FIV Gag. <i>Frontiers in Microbiology</i> , 2020, 11, 1230.	1.5	2
95	Expression, purification, and characterization of pneumococcal PsaA-PspA fusion protein. <i>Protein Expression and Purification</i> , 2021, 178, 105782.	0.6	2
96	Fast DNA Vaccination Strategy Elicits a Stronger Immune Response Dependent on CD8+CD11c+ Cell Accumulation. <i>Frontiers in Oncology</i> , 2021, 11, 752444.	1.3	2
97	Detection and comparison of structure and function of wild-type pneumolysin and its novel mutant PlyM2. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 553-557.	1.3	1
98	Comparison of rabies virus protection by single chain and leucine zipper Fv fragments cocktail derived from a monoclonal antibody cocktail. <i>Molecular Immunology</i> , 2018, 101, 197-202.	1.0	1
99	Stimulation Effects and Mechanisms of Different Adjuvants on a Norovirus P Particle-Based Active Amyloid- β Vaccine. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1717-1732.	1.2	1
100	Expression and evaluation of porcine circovirus type 2 capsid protein mediated by recombinant adeno-associated virus 8. <i>Journal of Veterinary Science</i> , 2021, 22, e8.	0.5	1
101	Short-Fragment DNA Residue from Vaccine Purification Processes Promotes Immune Response to the New Inactivated EV71 Vaccine by Upregulating TLR9 mRNA. <i>PLoS ONE</i> , 2016, 11, e0153867.	1.1	1
102	Fusion Peptide Improves Stability and Bioactivity of Single Chain Antibody against Rabies Virus. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 718-724.	0.9	1
103	Preclinical Safety and Biodistribution in Mice Following Single-Dose Intramuscular Inoculation of Tumor DNA Vaccine by Electroporation. <i>Human Gene Therapy</i> , 2022, 33, 757-764.	1.4	1
104	Eliciting 10E8-like antibodies by the membrane proximal external region peptide of HIV-1 in guinea pigs. <i>Biotechnology Letters</i> , 2017, 39, 367-373.	1.1	0