

Jian-Dong Huang

List of Publications by Year in descending order

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162
papers

9,545
citations

50276

46
h-index

45317

90
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171
all docs

171
docs citations

171
times ranked

14599
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status of intratumour microbiome in cancer and engineered exogenous microbiota as a promising therapeutic strategy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112443.	5.6	12
2	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022, 603, 693-699.	27.8	460
3	Animal models for SARS-CoV-2 and SARS-CoV-1 pathogenesis, transmission and therapeutic evaluation. <i>World Journal of Virology</i> , 2022, 11, 40-56.	2.9	9
4	Recent Strategies to Combat Biofilms Using Antimicrobial Agents and Therapeutic Approaches. <i>Pathogens</i> , 2022, 11, 292.	2.8	17
5	In-Silico Analysis of Monoclonal Antibodies against SARS-CoV-2 Omicron. <i>Viruses</i> , 2022, 14, 390.	3.3	7
6	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants. <i>Frontiers in Immunology</i> , 2022, 13, 861050.	4.8	8
7	Rab44 regulates murine mast cell-driven anaphylaxis through kinesin-1-dependent secretory granule translocation. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 676-689.	2.9	4
8	Bacillus Calmette-Guérin-induced trained immunity protects against SARS-CoV-2 challenge in K18-hACE2 mice. <i>JCI Insight</i> , 2022, 7, .	5.0	29
9	Intradermal delivery of mRNA using cryomicroneedles. <i>Acta Biomaterialia</i> , 2022, 148, 133-141.	8.3	15
10	Coronavirus Disease 2019 (COVID-19) Re-infection by a Phylogenetically Distinct Severe Acute Respiratory Syndrome Coronavirus 2 Strain Confirmed by Whole Genome Sequencing. <i>Clinical Infectious Diseases</i> , 2021, 73, e2946-e2951.	5.8	647
11	Intradermal delivery of receptor-binding domain of SARS-CoV-2 spike protein with dissolvable microneedles to induce humoral and cellular responses in mice. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10202.	7.1	35
12	An Overview on the Development of mRNA-Based Vaccines and Their Formulation Strategies for Improved Antigen Expression In Vivo. <i>Vaccines</i> , 2021, 9, 244.	4.4	15
13	A novel linker-immunodominant site (LIS) vaccine targeting the SARS-CoV-2 spike protein protects against severe COVID-19 in Syrian hamsters. <i>Emerging Microbes and Infections</i> , 2021, 10, 874-884.	6.5	11
14	IFN- γ -dependent NK cell activation is essential to metastasis suppression by engineered Salmonella. <i>Nature Communications</i> , 2021, 12, 2537.	12.8	36
15	Induction of Humoral and Cellular Immunity by Intradermal Delivery of SARS-CoV-2 Nucleocapsid Protein Using Dissolvable Microneedles. <i>Journal of Immunology Research</i> , 2021, 2021, 1-8.	2.2	9
16	Tumor Temporal Proteome Profiling Reveals the Immunological Triple Offensive Induced by Synthetic Anti-Cancer Salmonella. <i>Frontiers in Immunology</i> , 2021, 12, 712936.	4.8	6
17	Adenosine synthase A contributes to recurrent <i>Staphylococcus aureus</i> infection by dampening protective immunity. <i>EBioMedicine</i> , 2021, 70, 103505.	6.1	11
18	A stark difference in the profiles of defective viral transcripts between SARS-CoV-2 and SARS-CoV. <i>Journal of Infection</i> , 2021, 83, 381-412.	3.3	1

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19	Thermal-sensitive lipid nanoparticles potentiate anti-PD therapy through enhancing drug penetration and T lymphocytes infiltration in metastatic tumor. <i>Cancer Letters</i> , 2021, 522, 238-254.	7.2	14
20	Carbon-based nanomaterials for viral infection management. <i>Biomicrofluidics</i> , 2021, 15, 011501.	2.4	12
21	A Mechanistic Review on Plant-derived Natural Inhibitors of Human Coronaviruses with Emphasis on SARS-COV-1 and SARS-COV-2. <i>Current Drug Targets</i> , 2021, 22, .	2.1	0
22	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	6.1	127
23	Identification and Evaluation of Recombinant Outer Membrane Proteins as Vaccine Candidates Against <i>Klebsiella pneumoniae</i> . <i>Frontiers in Immunology</i> , 2021, 12, 730116.	4.8	7
24	SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , 2020, 30, 928-931.	12.0	267
25	Cooperative pattern formation in multi-component bacterial systems through reciprocal motility regulation. <i>Nature Physics</i> , 2020, 16, 1152-1157.	16.7	44
26	Protracted Morphological Changes in the Corticospinal Tract Within the Cervical Spinal Cord After Intracerebral Hemorrhage in the Right Striatum of Mice. <i>Frontiers in Neuroscience</i> , 2020, 14, 506.	2.8	11
27	Mining of epitopes on spike protein of SARS-CoV-2 from COVID-19 patients. <i>Cell Research</i> , 2020, 30, 702-704.	12.0	100
28	PIM2 promotes hepatocellular carcinoma tumorigenesis and progression through activating NF- κ B signaling pathway. <i>Cell Death and Disease</i> , 2020, 11, 510.	6.3	22
29	Strong Immune Responses Induced by Direct Local Injections of Modified mRNA-Lipid Nanocomplexes. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1098-1109.	5.1	22
30	Kinesin-1 regulates antigen cross-presentation through the scission of tubulations from early endosomes in dendritic cells. <i>Nature Communications</i> , 2020, 11, 1817.	12.8	16
31	Specific depletion of the motor protein KIF5B leads to deficits in dendritic transport, synaptic plasticity and memory. <i>ELife</i> , 2020, 9, .	6.0	44
32	KIF5B modulates central spindle organization in late-stage cytokinesis in chondrocytes. <i>Cell and Bioscience</i> , 2019, 9, 85.	4.8	14
33	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. <i>IScience</i> , 2019, 13, 82-97.	4.1	13
34	6-year change in resting heart rate is associated with incident type 2 diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 236-243.	2.6	8
35	Broad and Effective Protection against <i>Staphylococcus aureus</i> Is Elicited by a Multivalent Vaccine Formulated with Novel Antigens. <i>MSphere</i> , 2019, 4, .	2.9	7
36	Establishment of a lethal aged mouse model of human respiratory syncytial virus infection. <i>Antiviral Research</i> , 2019, 161, 125-133.	4.1	4

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37	PICK1 is essential for insulin production and the maintenance of glucose homeostasis. <i>Molecular Biology of the Cell</i> , 2018, 29, 587-596.	2.1	15
38	Live attenuated <i>Salmonella typhimurium</i> vaccines delivering SaEsxA and SaEsxB via type III secretion system confer protection against <i>Staphylococcus aureus</i> infection. <i>BMC Infectious Diseases</i> , 2018, 18, 195.	2.9	15
39	Kinesin-1 Is a New Actor Involved in Platelet Secretion and Thrombus Stability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1037-1051.	2.4	17
40	A new role of anterograde motor Kif5b in facilitating large clathrin-coated vesicle mediated endocytosis via regulating clathrin uncoating. <i>Cell Discovery</i> , 2018, 4, 65.	6.7	4
41	A novel galactose-PEG-conjugated biodegradable copolymer is an efficient gene delivery vector for immunotherapy of hepatocellular carcinoma. <i>Biomaterials</i> , 2018, 184, 20-30.	11.4	40
42	A SIRT1-centered circuitry regulates breast cancer stemness and metastasis. <i>Oncogene</i> , 2018, 37, 6299-6315.	5.9	61
43	â€œObligateâ€™ anaerobic <i>Salmonella</i> strain YB1 suppresses liver tumor growth and metastasis in nude mice. <i>Oncology Letters</i> , 2017, 13, 177-183.	1.8	20
44	Adiposeâ€™specific deletion of <i>Kif5b</i> exacerbates obesity and insulin resistance in a mouse model of dietâ€™induced obesity. <i>FASEB Journal</i> , 2017, 31, 2533-2547.	0.5	17
45	Synthetic circuits that process multiple light and chemical signal inputs. <i>BMC Systems Biology</i> , 2017, 11, 5.	3.0	8
46	Lhx1/5 control dendritogenesis and spine morphogenesis of Purkinje cells via regulation of Espin. <i>Nature Communications</i> , 2017, 8, 15079.	12.8	26
47	Blocking the recruitment of naive CD4+ T cells reverses immunosuppression in breast cancer. <i>Cell Research</i> , 2017, 27, 461-482.	12.0	163
48	A modified formulation of Huanglian-Jie-Du-Tang reduces memory impairments and β -amyloid plaques in a triple transgenic mouse model of Alzheimerâ€™s disease. <i>Scientific Reports</i> , 2017, 7, 6238.	3.3	35
49	Multimodal nonlinear optical imaging of cartilage development in mouse model. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
50	Immunotherapy Targeting Adenosine Synthase A Decreases Severity of <i>Staphylococcus aureus</i> Infection in Mouse Model. <i>Journal of Infectious Diseases</i> , 2017, 216, 245-253.	4.0	12
51	Multimodal nonlinear optical microscopy reveals critical role of kinesin-1 in cartilage development. <i>Biomedical Optics Express</i> , 2017, 8, 1771.	2.9	8
52	Treatment of Neuroblastoma with an Engineered â€œObligateâ€™ Anaerobic <i>Salmonella typhimurium</i> Strain YB1. <i>Journal of Cancer</i> , 2017, 8, 1609-1618.	2.5	11
53	Decrease in the Generation of Amyloid- β Due to Salvianolic Acid B by Modulating BACE1 Activity. <i>Current Alzheimer Research</i> , 2017, 14, 1229-1237.	1.4	15
54	Super-resolution imaging of a 2.5 kb non-repetitive DNA in situ in the nuclear genome using molecular beacon probes. <i>ELife</i> , 2017, 6, .	6.0	29

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55	AB0118â€¦MIR-29A and Messenger RNA Expression of Bone Turnover Markers in Canonical Wnt Pathway in Patients with Ankylosing Spondylitis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 937.1-937.	0.9	0
56	A DNA vaccine targeting TcdA and TcdB induces protective immunity against <i>Clostridium difficile</i> . <i>BMC Infectious Diseases</i> , 2016, 16, 596.	2.9	12
57	Angiogenic inhibitors delivered by the type III secretion system of tumor-targeting <i>Salmonella typhimurium</i> safely shrink tumors in mice. <i>AMB Express</i> , 2016, 6, 56.	3.0	25
58	Conventional kinesin KIF5B mediates adiponectin secretion in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 620-626.	2.1	2
59	Kinesin-1 controls mast cell degranulation and anaphylaxis through PI3K-dependent recruitment to the granular Slp3/Rab27b complex. <i>Journal of Cell Biology</i> , 2016, 215, 203-216.	5.2	36
60	AB0411â€¦Rapid Reduction of Antibodies and Improvement of Disease Activity by Immunoabsorption in Chinese Patients with Severe Systemic Lupus Erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1047.1-1047.	0.9	0
61	Combined prokaryoticâ€“eukaryotic delivery and expression of therapeutic factors through a primed autocatalytic positive-feedback loop. <i>Journal of Controlled Release</i> , 2016, 222, 130-140.	9.9	16
62	Oblongifolin M, an active compound isolated from a Chinese medical herb <i>Garcinia oblongifolia</i> , potently inhibits enterovirus 71 reproduction through downregulation of ERp57. <i>Oncotarget</i> , 2016, 7, 8797-8808.	1.8	25
63	Urinary Metabolomics Reveals Alterations of Aromatic Amino Acid Metabolism of Alzheimer's Disease in the Transgenic CRND8 Mice. <i>Current Alzheimer Research</i> , 2016, 13, 764-776.	1.4	25
64	Genetically modified "obligate" anaerobic <i>Salmonella typhimurium</i> as a therapeutic strategy for neuroblastoma. <i>Journal of Hematology and Oncology</i> , 2015, 8, 99.	17.0	14
65	An H5N1-based matrix protein 2 ectodomain tetrameric peptide vaccine provides cross-protection against lethal infection with H7N9 influenza virus. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-7.	6.5	19
66	Stable knockdown of Kif5b in MDCK cells leads to epithelialâ€“mesenchymal transition. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 123-129.	2.1	3
67	In Vitro Selection of HIV-1 CRF08_BC Variants Resistant to Reverse Transcriptase Inhibitors. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 260-270.	1.1	5
68	Recombinant ESAT-6-Like Proteins Provoke Protective Immune Responses against Invasive <i>Staphylococcus aureus</i> Disease in a Murine Model. <i>Infection and Immunity</i> , 2015, 83, 339-345.	2.2	26
69	Analysis of Kif5b Expression during Mouse Kidney Development. <i>PLoS ONE</i> , 2015, 10, e0126002.	2.5	6
70	Ultrahigh resolution mass spectrometry-based metabolic characterization reveals cerebellum as a disturbed region in two animal models. <i>Talanta</i> , 2014, 118, 45-53.	5.5	31
71	Portable Two-Way Riboswitches: Design and Engineering. <i>Methods in Molecular Biology</i> , 2014, 1111, 93-105.	0.9	1
72	Effects of Huanglian-Jie-Du-Tang and Its Modified Formula on the Modulation of Amyloid-Î² Precursor Protein Processing in Alzheimer's Disease Models. <i>PLoS ONE</i> , 2014, 9, e92954.	2.5	32

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73	Synthetic biology: a new approach to study biological pattern formation. <i>Quantitative Biology</i> , 2013, 1, 246-252.	0.5	5
74	Dissect Kif5b in nuclear positioning during myogenesis: The light chain binding domain and the autoinhibitory peptide are both indispensable. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 242-247.	2.1	3
75	Hippocampal metabolomics using ultrahigh-resolution mass spectrometry reveals neuroinflammation from Alzheimer's disease in CRND8 mice. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5105-5117.	3.7	42
76	Kif5b controls the localization of myofibril components for their assembly and linkage to the myotendinous junctions. <i>Development (Cambridge)</i> , 2013, 140, 617-626.	2.5	53
77	Amyloid Pathology in Spinal Cord of the Transgenic Alzheimer's Disease Mice is Correlated to the Corticospinal Tract Pathway. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 675-685.	2.6	20
78	Modification of the RpoS network with a synthetic small RNA. <i>Nucleic Acids Research</i> , 2013, 41, 8332-8340.	14.5	11
79	Behavioral Stress Fails to Accelerate the Onset and Progression of Plaque Pathology in the Brain of a Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e53480.	2.5	7
80	Stripe Formation in Bacterial Systems with Density-Suppressed Motility. <i>Physical Review Letters</i> , 2012, 108, 198102.	7.8	127
81	Explicit hypoxia targeting with tumor suppression by creating an α -obligate anaerobic <i>Salmonella</i> Typhimurium strain. <i>Scientific Reports</i> , 2012, 2, 436.	3.3	110
82	Midlife gene expressions identify modulators of aging through dietary interventions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1201-9.	7.1	57
83	Berberine ameliorates β -amyloid pathology, gliosis, and cognitive impairment in an Alzheimer's disease transgenic mouse model. <i>Neurobiology of Aging</i> , 2012, 33, 2903-2919.	3.1	229
84	Comparative immunological evaluation of recombinant <i>Salmonella</i> Typhimurium strains expressing model antigens as live oral vaccines. <i>BMC Immunology</i> , 2012, 13, 54.	2.2	9
85	The Two PPX-GppA Homologues from <i>Mycobacterium tuberculosis</i> Have Distinct Biochemical Activities. <i>PLoS ONE</i> , 2012, 7, e42561.	2.5	37
86	Identification of Drug Resistant Mutations in HIV-1 CRF07_BC Variants Selected by Nevirapine In Vitro. <i>PLoS ONE</i> , 2012, 7, e44333.	2.5	11
87	Decreased c-Jun expression correlates with impaired spinal motoneuron regeneration in aged mice following sciatic nerve crush. <i>Experimental Gerontology</i> , 2012, 47, 329-336.	2.8	13
88	Cerebellar defects in <i>Pdss2</i> conditional knockout mice during embryonic development and in adulthood. <i>Neurobiology of Disease</i> , 2012, 45, 219-233.	4.4	31
89	Translationally controlled tumor protein induces mitotic defects and chromosome missegregation in hepatocellular carcinoma development. <i>Hepatology</i> , 2012, 55, 491-505.	7.3	71
90	Stimulation of Non-Amyloidogenic Processing of Amyloid- β Protein Precursor by Cryptotanshinone Involves Activation and Translocation of ADAM10 and PKC- ζ . <i>Journal of Alzheimer's Disease</i> , 2011, 25, 245-262.	2.6	19

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91	On the mechanisms of bananin activity against severe acute respiratory syndrome coronavirus. FEBS Journal, 2011, 278, 383-389.	4.7	10
92	A method to generate recombinant Salmonella typhi Ty21a strains expressing multiple heterologous genes using an improved recombineering strategy. Applied Microbiology and Biotechnology, 2011, 91, 177-188.	3.6	11
93	Functional characterization of an alkaline exonuclease and single strand annealing protein from the SXT genetic element of Vibrio cholerae. BMC Molecular Biology, 2011, 12, 16.	3.0	15
94	Overexpression of eIF-5A2 in mice causes accelerated organismal aging by increasing chromosome instability. BMC Cancer, 2011, 11, 199.	2.6	17
95	Microvesicles secreted by macrophages shuttle invasion-potentiating microRNAs into breast cancer cells. Molecular Cancer, 2011, 10, 117.	19.2	596
96	Baicalein Inhibits Formation of β -Synuclein Oligomers within Living Cells and Prevents $A\beta$ Peptide Fibrillation and Oligomerisation. ChemBioChem, 2011, 12, 615-624.	2.6	140
97	Structural and functional insight into the mechanism of an alkaline exonuclease from Laribacter hongkongensis. Nucleic Acids Research, 2011, 39, 9803-9819.	14.5	13
98	Engineering a portable riboswitch-LacP hybrid device for two-way gene regulation. Nucleic Acids Research, 2011, 39, e131-e131.	14.5	11
99	Targeted Inactivation of Kinesin-1 in Pancreatic β -Cells In Vivo Leads to Insulin Secretory Deficiency. Diabetes, 2011, 60, 320-330.	0.6	66
100	Sequential Establishment of Stripe Patterns in an Expanding Cell Population. Science, 2011, 334, 238-241.	12.6	346
101	SU-E-T-802: Dosimetric Examination and Verification of Megavoltage Computed Tomography (MVCT) Based IMRT Treatment Planning with Helical TomoTherapy. Medical Physics, 2011, 38, 3675-3675.	3.0	0
102	Association of candidate susceptible loci with chronic infection with hepatitis B virus in a Chinese population. Journal of Medical Virology, 2010, 82, 371-378.	5.0	50
103	A splice-site mutation leads to haploinsufficiency of <i>EXT2</i> mRNA for a dominant trait in a large family with multiple osteochondromas. Journal of Orthopaedic Research, 2010, 28, 1522-1530.	2.3	9
104	Identification of influenza A nucleoprotein as an antiviral target. Nature Biotechnology, 2010, 28, 600-605.	17.5	234
105	The effect of salvianolic acid B combined with laminar shear stress on TNF- α -stimulated adhesion molecule expression in human aortic endothelial cells. Clinical Hemorheology and Microcirculation, 2010, 44, 245-258.	1.7	15
106	Small Interfering RNA Targeting M2 Gene Induces Effective and Long Term Inhibition of Influenza A Virus Replication. PLoS ONE, 2009, 4, e5671.	2.5	60
107	Cell Death Caused by Single-Stranded Oligodeoxynucleotide-Mediated Targeted Genomic Sequence Modification. Oligonucleotides, 2009, 19, 281-286.	2.7	5
108	The Complete Genome and Proteome of Laribacter hongkongensis Reveal Potential Mechanisms for Adaptations to Different Temperatures and Habitats. PLoS Genetics, 2009, 5, e1000416.	3.5	52

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109	Identification of Major Histocompatibility Complex Class I C Molecule as an Attachment Factor That Facilitates Coronavirus HKU1 Spike-Mediated Infection. <i>Journal of Virology</i> , 2009, 83, 1026-1035.	3.4	35
110	Use of a Riboswitch-controlled Conditional Hypomorphic Mutation to Uncover a Role for the Essential <i>csrA</i> Gene in Bacterial Autoaggregation. <i>Journal of Biological Chemistry</i> , 2009, 284, 28738-28745.	3.4	23
111	Small noncoding RNA <i>GcvB</i> is a novel regulator of acid resistance in <i>Escherichia coli</i> . <i>BMC Genomics</i> , 2009, 10, 165.	2.8	73
112	A regulatory polymorphism in interferon- β receptor 1 promoter is associated with the susceptibility to chronic hepatitis B virus infection. <i>Immunogenetics</i> , 2009, 61, 423-430.	2.4	31
113	A non-synonymous single nucleotide polymorphism in <i>IFNAR1</i> affects susceptibility to chronic hepatitis B virus infection. <i>Journal of Viral Hepatitis</i> , 2009, 16, 45-52.	2.0	34
114	Functional dissection of an <i>IFN-β/IFN-λ2</i> receptor 1 promoter variant that confers higher risk to chronic hepatitis B virus infection. <i>Journal of Hepatology</i> , 2009, 51, 322-332.	3.7	28
115	Transgenic <i>CHD1L</i> Expression in Mouse Induces Spontaneous Tumors. <i>PLoS ONE</i> , 2009, 4, e6727.	2.5	47
116	Inhibition of HBV gene expression and replication by stably expressed interferon- λ 1 via adeno-associated viral vectors. <i>Journal of Gene Medicine</i> , 2008, 10, 619-627.	2.8	5
117	Salvianolic acid B inhibits $A\beta$ fibril formation and disaggregates preformed fibrils and protects against $A\beta$ -induced cytotoxicity. <i>Neurochemistry International</i> , 2008, 52, 741-750.	3.8	140
118	Double-Stranded Break Can Be Repaired by Single-Stranded Oligonucleotides via the ATM/ATR Pathway in Mammalian Cells. <i>Oligonucleotides</i> , 2008, 18, 21-32.	2.7	19
119	Systematic Review on the Efficacy and Safety of Herbal Medicines for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2008, 14, 209-223.	2.6	45
120	Highly efficient deletion method for the engineering of plasmid DNA with single-stranded oligonucleotides. <i>BioTechniques</i> , 2008, 44, 217-224.	1.8	2
121	Visualizing the proteome of <i>Escherichia coli</i> : an efficient and versatile method for labeling chromosomal coding DNA sequences (CDSs) with fluorescent protein genes. <i>Nucleic Acids Research</i> , 2007, 35, e37-e37.	14.5	15
122	Active transcription promotes single-stranded oligonucleotide mediated gene repair. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 33-39.	2.1	17
123	Inhibition of SARS coronavirus helicase by bismuth complexes. <i>Chemical Communications</i> , 2007, , 4413.	4.1	82
124	Salvianolic Acid B Inhibits Hydrogen Peroxide-Induced Endothelial Cell Apoptosis through Regulating PI3K/Akt Signaling. <i>PLoS ONE</i> , 2007, 2, e1321.	2.5	76
125	Bismuth Complexes Inhibit the SARS Coronavirus. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6464-6468.	13.8	86
126	Bismuth Complexes Inhibit the SARS Coronavirus. <i>Angewandte Chemie</i> , 2007, 119, 6584-6588.	2.0	1

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127	A proteomic approach for the identification of bismuth-binding proteins in <i>Helicobacter pylori</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 831-842.	2.6	93
128	Rapid Assembly of Multiple-Exon cDNA Directly from Genomic DNA. <i>PLoS ONE</i> , 2007, 2, e1179.	2.5	19
129	Thermodynamic and Kinetic Aspects of Metal Binding to the Histidine-rich Protein, Hpn. <i>Journal of the American Chemical Society</i> , 2006, 128, 11330-11331.	13.7	78
130	Kinetics and synergistic effects of siRNAs targeting structural and replicase genes of SARS-associated coronavirus. <i>FEBS Letters</i> , 2006, 580, 2414-2420.	2.8	36
131	Tertiary structure prediction of SARS coronavirus helicase. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 1101-1104.	2.1	26
132	Cold-inducible RNA binding protein is required for the expression of adhesion molecules and embryonic cell movement in <i>Xenopus laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 416-424.	2.1	23
133	Single-stranded oligonucleotide-mediated gene repair in mammalian cells has a mechanism distinct from homologous recombination repair. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 568-573.	2.1	11
134	Recombinant adeno-associated virus expressing the receptor-binding domain of severe acute respiratory syndrome coronavirus S protein elicits neutralizing antibodies: Implication for developing SARS vaccines. <i>Virology</i> , 2006, 353, 6-16.	2.4	41
135	Expression and characterization of a histidine-rich protein, Hpn: potential for Ni ²⁺ storage in <i>Helicobacter pylori</i> . <i>Biochemical Journal</i> , 2006, 393, 285-293.	3.7	107
136	The involvement of replication in single stranded oligonucleotide-mediated gene repair. <i>Nucleic Acids Research</i> , 2006, 34, 6183-6194.	14.5	49
137	The Adamantane-Derived Bananins Are Potent Inhibitors of the Helicase Activities and Replication of SARS Coronavirus. <i>Chemistry and Biology</i> , 2005, 12, 303-311.	6.0	145
138	Genomic instability in laminopathy-based premature aging. <i>Nature Medicine</i> , 2005, 11, 780-785.	30.7	579
139	Transgenic Mice Expressing Cre-Recombinase Specifically in Retinal Rod Bipolar Neurons. , 2005, 46, 3515.		24
140	Myosin-1a Is Critical for Normal Brush Border Structure and Composition. <i>Molecular Biology of the Cell</i> , 2005, 16, 2443-2457.	2.1	168
141	Increased efficiency of oligonucleotide-mediated gene repair through slowing replication fork progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2508-2513.	7.1	59
142	Efficient and seamless DNA recombineering using a thymidylate synthase A selection system in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2005, 33, e59-e59.	14.5	103
143	Targeted correction of a chromosomal point mutation by modified single-stranded oligonucleotides in a GFP recovery system. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 1032-1041.	2.1	17
144	Synthetic peptides outside the spike protein heptad repeat regions as potent inhibitors of SARS-associated coronavirus. <i>Antiviral Therapy</i> , 2005, 10, 393-403.	1.0	36

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145	Synthetic Peptides outside the Spike Protein Heptad Repeat Regions as Potent Inhibitors of Sars-Associated Coronavirus. <i>Antiviral Therapy</i> , 2005, 10, 393-403.	1.0	63
146	Highly restricted expression of Cre recombinase in cerebellar Purkinje cells. <i>Genesis</i> , 2004, 40, 45-51.	1.6	94
147	Identification of Novel Small-Molecule Inhibitors of Severe Acute Respiratory Syndrome-Associated Coronavirus by Chemical Genetics. <i>Chemistry and Biology</i> , 2004, 11, 1293-1299.	6.0	141
148	Prediction of quaternary assembly of SARS coronavirus peplomer. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 1210-1214.	2.1	20
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