

Jian-Dong Huang

List of Publications by Year in descending order

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Version: 2024-02-01

162
papers

9,545
citations

50276

46
h-index

45317

90
g-index

171
all docs

171
docs citations

171
times ranked

14599
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Microvesicles secreted by macrophages shuttle invasion-potentiating microRNAs into breast cancer cells. <i>Molecular Cancer</i> , 2011, 10, 117.	19.2	596
3	Genomic instability in laminopathy-based premature aging. <i>Nature Medicine</i> , 2005, 11, 780-785.	30.7	579
4	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022, 603, 693-699.	27.8	460
5	Sequential Establishment of Stripe Patterns in an Expanding Cell Population. <i>Science</i> , 2011, 334, 238-241.	12.6	346
6	Direct interaction of microtubule- and actin-based transport motors. <i>Nature</i> , 1999, 397, 267-270.	27.8	322
7	SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , 2020, 30, 928-931.	12.0	267
8	Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , 2010, 28, 600-605.	17.5	234
9	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
10	The Severe Acute Respiratory Syndrome (SARS) Coronavirus NTPase/Helicase Belongs to a Distinct Class of 5' to 3' Viral Helicases. <i>Journal of Biological Chemistry</i> , 2003, 278, 39578-39582.	3.4	183
11	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
12	Blocking the recruitment of naive CD4+ T cells reverses immunosuppression in breast cancer. <i>Cell Research</i> , 2017, 27, 461-482.	12.0	163
13	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
14	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
15	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
16	Baicalein Inhibits Formation of α -Synuclein Oligomers within Living Cells and Prevents $A\beta$ Peptide Fibrillation and Oligomerisation. <i>ChemBioChem</i> , 2011, 12, 615-624.	2.6	140
17	The interplay between multiple enhancer and silencer elements defines the pattern of decapentaplegic expression.. <i>Genes and Development</i> , 1993, 7, 694-704.	5.9	138
18	Functional analysis of the <i>Drosophila</i> twist promoter reveals a dorsal-binding ventral activator region.. <i>Genes and Development</i> , 1991, 5, 1892-1901.	5.9	137

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19	Stripe Formation in Bacterial Systems with Density-Suppressed Motility. <i>Physical Review Letters</i> , 2012, 108, 198102.	7.8	127
20	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	6.1	127
21	The torso response element binds GAGA and NTF-1/Elf-1, and regulates tailless by relief of repression.. <i>Genes and Development</i> , 1995, 9, 3163-3176.	5.9	116
22	Insulin can regulate GLUT4 internalization by signaling to Rab5 and the motor protein dynein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13084-13089.	7.1	113
23	Explicit hypoxia targeting with tumor suppression by creating an obligate anaerobic <i>Salmonella Typhimurium</i> strain. <i>Scientific Reports</i> , 2012, 2, 436.	3.3	110
24	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
25	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
26	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
27	Highly restricted expression of Cre recombinase in cerebellar Purkinje cells. <i>Genesis</i> , 2004, 40, 45-51.	1.6	94
28	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
29	Molecular Genetic Dissection of Mouse Unconventional Myosin-VA: Tail Region Mutations. <i>Genetics</i> , 1998, 148, 1963-1972.	2.9	91
30	Identification of factors influencing strand bias in oligonucleotide-mediated recombination in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2003, 31, 6674-6687.	14.5	90
31	Bismuth Complexes Inhibit the SARS Coronavirus. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6464-6468.	13.8	86
32	Binding sites for transcription factor NTF-1/Elf-1 contribute to the ventral repression of decapentaplegic.. <i>Genes and Development</i> , 1995, 9, 3177-3189.	5.9	83
33	Inhibition of SARS coronavirus helicase by bismuth complexes. <i>Chemical Communications</i> , 2007, , 4413.	4.1	82
34	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
35	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
36	Small noncoding RNA GcvB is a novel regulator of acid resistance in <i>Escherichia coli</i> . <i>BMC Genomics</i> , 2009, 10, 165.	2.8	73

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37	Translationally controlled tumor protein induces mitotic defects and chromosome missegregation in hepatocellular carcinoma development. <i>Hepatology</i> , 2012, 55, 491-505.	7.3	71
38	Molecular Genetic Dissection of Mouse Unconventional Myosin-VA: Head Region Mutations. <i>Genetics</i> , 1998, 148, 1951-1961.	2.9	67
39	Targeted Inactivation of Kinesin-1 in Pancreatic β -Cells In Vivo Leads to Insulin Secretory Deficiency. <i>Diabetes</i> , 2011, 60, 320-330.	0.6	66
40	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
41	A SIRT1-centered circuitry regulates breast cancer stemness and metastasis. <i>Oncogene</i> , 2018, 37, 6299-6315.	5.9	61
42	Small Interfering RNA Targeting M2 Gene Induces Effective and Long Term Inhibition of Influenza A Virus Replication. <i>PLoS ONE</i> , 2009, 4, e5671.	2.5	60
43	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
44	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
45	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
46	The Complete Genome and Proteome of <i>Laribacter hongkongensis</i> Reveal Potential Mechanisms for Adaptations to Different Temperatures and Habitats. <i>PLoS Genetics</i> , 2009, 5, e1000416.	3.5	52
47	Association of candidate susceptible loci with chronic infection with hepatitis B virus in a Chinese population. <i>Journal of Medical Virology</i> , 2010, 82, 371-378.	5.0	50
48	The involvement of replication in single stranded oligonucleotide-mediated gene repair. <i>Nucleic Acids Research</i> , 2006, 34, 6183-6194.	14.5	49
49	Transgenic CHD1L Expression in Mouse Induces Spontaneous Tumors. <i>PLoS ONE</i> , 2009, 4, e6727.	2.5	47
50	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
51	Cooperative pattern formation in multi-component bacterial systems through reciprocal motility regulation. <i>Nature Physics</i> , 2020, 16, 1152-1157.	16.7	44
52	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
53	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
54	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

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55	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
56	The Two PPX-GppA Homologues from <i>Mycobacterium tuberculosis</i> Have Distinct Biochemical Activities. <i>PLoS ONE</i> , 2012, 7, e42561.	2.5	37
57	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
58	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
59	IFN- γ -dependent NK cell activation is essential to metastasis suppression by engineered <i>Salmonella</i> . <i>Nature Communications</i> , 2021, 12, 2537.	12.8	36
60	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
61	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
62	A modified formulation of Huanglian-Jie-Du-Tang reduces memory impairments and β -amyloid plaques in a triple transgenic mouse model of Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 6238.	3.3	35
63	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
64	A non-synonymous single nucleotide polymorphism in IFNAR1 affects susceptibility to chronic hepatitis B virus infection. <i>Journal of Viral Hepatitis</i> , 2009, 16, 45-52.	2.0	34
65	The establishment and interpretation of transcription factor gradients in the <i>Drosophila</i> embryo. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1261, 1-18.	2.4	33
66	The Core Promoter Region Plays an Integral Role in the Spatial Control of Transcription. <i>Molecular and Cellular Biology</i> , 1995, 15, 3960-3968.	2.3	32
67	Effects of Huanglian-Jie-Du-Tang and Its Modified Formula on the Modulation of Amyloid- β Precursor Protein Processing in Alzheimer's Disease Models. <i>PLoS ONE</i> , 2014, 9, e92954.	2.5	32
68	A regulatory polymorphism in interferon- γ receptor 1 promoter is associated with the susceptibility to chronic hepatitis B virus infection. <i>Immunogenetics</i> , 2009, 61, 423-430.	2.4	31
69	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
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	A tissue-specific exon of myosin Va is responsible for selective cargo binding in melanocytes. <i>Cytoskeleton</i> , 2002, 53, 89-102.	4.4	29
72	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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73	Bacillus Calmette-Guérin-induced trained immunity protects against SARS-CoV-2 challenge in K18-hACE2 mice. JCI Insight, 2022, 7, .	5.0	29
74	Functional dissection of an IFN- λ 2 receptor 1 promoter variant that confers higher risk to chronic hepatitis B virus infection. Journal of Hepatology, 2009, 51, 322-332.	3.7	28
75	Tertiary structure prediction of SARS coronavirus helicase. Biochemical and Biophysical Research Communications, 2006, 343, 1101-1104.	2.1	26
76	Recombinant ESAT-6-Like Proteins Provoke Protective Immune Responses against Invasive Staphylococcus aureus Disease in a Murine Model. Infection and Immunity, 2015, 83, 339-345.	2.2	26
77	Lhx1/5 control dendritogenesis and spine morphogenesis of Purkinje cells via regulation of Espin. Nature Communications, 2017, 8, 15079.	12.8	26
78	Combination of overlapping bacterial artificial chromosomes by a two-step recombinogenic engineering method. Nucleic Acids Research, 2003, 31, 81e-81.	14.5	25
79	Angiogenic inhibitors delivered by the type III secretion system of tumor-targeting Salmonella typhimurium safely shrink tumors in mice. AMB Express, 2016, 6, 56.	3.0	25
80	Oblongifolin M, an active compound isolated from a Chinese medical herb <i>Garcinia oblongifolia</i> , potently inhibits enterovirus 71 reproduction through downregulation of ERp57. Oncotarget, 2016, 7, 8797-8808.	1.8	25
81	Urinary Metabolomics Reveals Alterations of Aromatic Amino Acid Metabolism of Alzheimer's Disease in the Transgenic CRND8 Mice. Current Alzheimer Research, 2016, 13, 764-776.	1.4	25
82	Transgenic Mice Expressing Cre-Recombinase Specifically in Retinal Rod Bipolar Neurons. , 2005, 46, 3515.		24
83	Cold-inducible RNA binding protein is required for the expression of adhesion molecules and embryonic cell movement in <i>Xenopus laevis</i> . Biochemical and Biophysical Research Communications, 2006, 344, 416-424.	2.1	23
84	Use of a Riboswitch-controlled Conditional Hypomorphic Mutation to Uncover a Role for the Essential <i>csrA</i> Gene in Bacterial Autoaggregation. Journal of Biological Chemistry, 2009, 284, 28738-28745.	3.4	23
85	PIM2 promotes hepatocellular carcinoma tumorigenesis and progression through activating NF- κ B signaling pathway. Cell Death and Disease, 2020, 11, 510.	6.3	22
86	Strong Immune Responses Induced by Direct Local Injections of Modified mRNA-Lipid Nanocomplexes. Molecular Therapy - Nucleic Acids, 2020, 19, 1098-1109.	5.1	22
87	Prediction of quaternary assembly of SARS coronavirus peplomer. Biochemical and Biophysical Research Communications, 2004, 325, 1210-1214.	2.1	20
88	Amyloid Pathology in Spinal Cord of the Transgenic Alzheimer's Disease Mice is Correlated to the Corticospinal Tract Pathway. Journal of Alzheimer's Disease, 2013, 35, 675-685.	2.6	20
89	OB1 anaerobic Salmonella strain YB1 suppresses liver tumor growth and metastasis in nude mice. Oncology Letters, 2017, 13, 177-183.	1.8	20
90	Double-Stranded Break Can Be Repaired by Single-Stranded Oligonucleotides via the ATM/ATR Pathway in Mammalian Cells. Oligonucleotides, 2008, 18, 21-32.	2.7	19

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91	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
92	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
93	Rapid Assembly of Multiple-Exon cDNA Directly from Genomic DNA. <i>PLoS ONE</i> , 2007, 2, e1179.	2.5	19
94	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
95	Active transcription promotes single-stranded oligonucleotide mediated gene repair. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 33-39.	2.1	17
96	Overexpression of eIF-5A2 in mice causes accelerated organismal aging by increasing chromosome instability. <i>BMC Cancer</i> , 2011, 11, 199.	2.6	17
97	Adipose-specific deletion of <i>Kif5b</i> exacerbates obesity and insulin resistance in a mouse model of diet-induced obesity. <i>FASEB Journal</i> , 2017, 31, 2533-2547.	0.5	17
98	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
99	Recent Strategies to Combat Biofilms Using Antimicrobial Agents and Therapeutic Approaches. <i>Pathogens</i> , 2022, 11, 292.	2.8	17
100	Combined prokaryotic-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
101	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
102	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
103	The effect of salvianolic acid B combined with laminar shear stress on TNF- α -stimulated adhesion molecule expression in human aortic endothelial cells. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 44, 245-258.	1.7	15
104	Functional characterization of an alkaline exonuclease and single strand annealing protein from the SXT genetic element of <i>Vibrio cholerae</i> . <i>BMC Molecular Biology</i> , 2011, 12, 16.	3.0	15
105	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
106	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
107	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
108	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

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109	Intradermal delivery of mRNA using cryomicroneedles. <i>Acta Biomaterialia</i> , 2022, 148, 133-141.	8.3	15
110	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
111	KIF5B modulates central spindle organization in late-stage cytokinesis in chondrocytes. <i>Cell and Bioscience</i> , 2019, 9, 85.	4.8	14
112	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
113	Structural and functional insight into the mechanism of an alkaline exonuclease from <i>Laribacter hongkongensis</i> . <i>Nucleic Acids Research</i> , 2011, 39, 9803-9819.	14.5	13
114	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
115	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. <i>IScience</i> , 2019, 13, 82-97.	4.1	13
116	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
117	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
118	Carbon-based nanomaterials for viral infection management. <i>Biomicrofluidics</i> , 2021, 15, 011501.	2.4	12
119	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
120	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
121	A method to generate recombinant <i>Salmonella typhi</i> Ty21a strains expressing multiple heterologous genes using an improved recombineering strategy. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 177-188.	3.6	11
122	Engineering a portable riboswitch-LacP hybrid device for two-way gene regulation. <i>Nucleic Acids Research</i> , 2011, 39, e131-e131.	14.5	11
123	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
124	Modification of the RpoS network with a synthetic small RNA. <i>Nucleic Acids Research</i> , 2013, 41, 8332-8340.	14.5	11
125	Treatment of Neuroblastoma with an Engineered "Obligate" Anaerobic <i>Salmonella typhimurium</i> Strain YB1. <i>Journal of Cancer</i> , 2017, 8, 1609-1618.	2.5	11
126	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

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127	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
128	Adenosine synthase A contributes to recurrent <i>Staphylococcus aureus</i> infection by dampening protective immunity. <i>EBioMedicine</i> , 2021, 70, 103505.	6.1	11
129	On the mechanisms of bananin activity against severe acute respiratory syndrome coronavirus. <i>FEBS Journal</i> , 2011, 278, 383-389.	4.7	10
130	A splice site mutation leads to haploinsufficiency of <i>EXT2</i> mRNA for a dominant trait in a large family with multiple osteochondromas. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1522-1530.	2.3	9
131	Comparative immunological evaluation of recombinant <i>Salmonella Typhimurium</i> strains expressing model antigens as live oral vaccines. <i>BMC Immunology</i> , 2012, 13, 54.	2.2	9
132	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
133	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
134	Synthetic circuits that process multiple light and chemical signal inputs. <i>BMC Systems Biology</i> , 2017, 11, 5.	3.0	8
135	Multimodal nonlinear optical microscopy reveals critical role of kinesin-1 in cartilage development. <i>Biomedical Optics Express</i> , 2017, 8, 1771.	2.9	8
136	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
137	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants. <i>Frontiers in Immunology</i> , 2022, 13, 861050.	4.8	8
138	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
139	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
140	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
141	In-Silico Analysis of Monoclonal Antibodies against SARS-CoV-2 Omicron. <i>Viruses</i> , 2022, 14, 390.	3.3	7
142	Tumor Temporal Proteome Profiling Reveals the Immunological Triple Offensive Induced by Synthetic Anti-Cancer <i>Salmonella</i> . <i>Frontiers in Immunology</i> , 2021, 12, 712936.	4.8	6
143	Analysis of <i>Kif5b</i> Expression during Mouse Kidney Development. <i>PLoS ONE</i> , 2015, 10, e0126002.	2.5	6
144	Inhibition of HBV gene expression and replication by stably expressed interferon- β 1 via adeno-associated viral vectors. <i>Journal of Gene Medicine</i> , 2008, 10, 619-627.	2.8	5

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145	Cell Death Caused by Single-Stranded Oligodeoxynucleotide-Mediated Targeted Genomic Sequence Modification. <i>Oligonucleotides</i> , 2009, 19, 281-286.	2.7	5
146	Synthetic biology: a new approach to study biological pattern formation. <i>Quantitative Biology</i> , 2013, 1, 246-252.	0.5	5
147	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
148	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
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