Zhiqiang An

List of Publications by Year
in descending order

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175	10,970	38720 50	42364 92
papers	citations	h-index	g-index

196	196	196	16622
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The N501Y spike substitution enhances SARS-CoV-2 infection and transmission. Nature, 2022, 602, 294-299.	13.7	364
2	Recent progress in development of monoclonal antibodies against human cytomegalovirus. Current Opinion in Virology, 2022, 52, 166-173.	2.6	8
3	Homogeneous antibodyâ€“angiopep 2 conjugates for effective brain targeting. RSC Advances, 2022, 12, 3359-3364.	1.7	5
4	Development of a TCR-like antibody and chimeric antigen receptor against NY-ESO-1/HLA-A2 for cancer immunotherapy. , 2022, 10, e004035.		17
5	Structural basis for HCMV Pentamer recognition by neuropilin 2 and neutralizing antibodies. Science Advances, 2022, 8, eabm2546.	4.7	8
6	Protein tyrosine phosphatase receptor Î´ serves as the orexigenic asprosin receptor. Cell Metabolism, 2022, 34, 549-563.e8.	7.2	20
7	Enhanced anti-angiogenetic effect of transferrin receptor-mediated delivery of VEGF-trap in a glioblastoma mouse model. MAbs, 2022, 14, 2057269.	2.6	8
8	Passive Immunotherapy Against SARS-CoV-2: From Plasma-Based Therapy to Single Potent Antibodies in the Race to Stay Ahead of the Variants. BioDrugs, 2022, 36, 231-323.	2.2	24
9	Delta spike P681R mutation enhances SARS-CoV-2 fitness over Alpha variant. Cell Reports, 2022, 39, 110829.	2.9	214
10	Homogeneity of antibody-drug conjugates critically impacts the therapeutic efficacy in brain tumors. Cell Reports, 2022, 39, 110839.	2.9	18
11	LILRB2-mediated TREM2 signaling inhibition suppresses microglia functions. Molecular Neurodegeneration, 2022, 17, .	4.4	12
12	Leukocyte immunoglobulinâ€like receptor B1 and B4 (LILRB1 and LILRB4): Highly sensitive and specific markers of acute myeloid leukemia with monocytic differentiation. Cytometry Part B - Clinical Cytometry, 2021, 100, 476-487.	0.7	8
13	Spike mutation D614G alters SARS-CoV-2 fitness. Nature, 2021, 592, 116-121.	13.7	1,380
14	Loss of furin cleavage site attenuates SARS-CoV-2 pathogenesis. Nature, 2021, 591, 293-299.	13.7	579
15	Molecular determinants and mechanism for antibody cocktail preventing SARS-CoV-2 escape. Nature Communications, 2021, 12, 469.	5.8	148
16	Leukocyte immunoglobulin-like receptor subfamily B: therapeutic targets in cancer. Antibody Therapeutics, 2021, 4, 16-33.	1.2	15
17	Potent Bispecific Neutralizing Antibody Targeting Glycoprotein B and the gH/gL/pUL128/130/131 Complex of Human Cytomegalovirus. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	10
18	Serum levels of endotrophin are associated with nonalcoholic steatohepatitis. Scandinavian Journal of Gastroenterology, 2021, 56, 437-442.	0.6	4

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19	Chemical generation of small molecule-based bispecific antibody-drug conjugates for broadening the target scope. Bioorganic and Medicinal Chemistry, 2021, 32, 116013.	1.4	7
20	Inhibition of astrocyte hemichannel improves recovery from spinal cord injury. JCI Insight, 2021, 6, .	2.3	17
21	Asprosin-neutralizing antibodies as a treatment for metabolic syndrome. ELife, 2021, 10, .	2.8	19
22	Presence of complete murine viral genome sequences in patient-derived xenografts. Nature Communications, 2021, 12, 2031.	5.8	9
23	Human Endogenous Retroviruses in Glioblastoma Multiforme. Microorganisms, 2021, 9, 764.	1.6	11
24	Chitinase 3-like-1 contributes to acetaminophen-induced liver injury by promoting hepatic platelet recruitment. ELife, 2021, 10, .	2.8	19
25	Antibody-drug conjugates with dual payloads for combating breast tumor heterogeneity and drug resistance. Nature Communications, 2021, 12, 3528.	5.8	108
26	Nasal delivery of an IgM offers broad protection from SARS-CoV-2 variants. Nature, 2021, 595, 718-723.	13.7	128
27	A conditionally replication-defective cytomegalovirus vaccine elicits potent and diverse functional monoclonal antibodies in a phase I clinical trial. Npj Vaccines, 2021, 6, 79.	2.9	19
28	Oncostatin M Receptorâ€“Targeted Antibodies Suppress STAT3 Signaling and Inhibit Ovarian Cancer Growth. Cancer Research, 2021, 81, 5336-5352.	0.4	27
29	Antibody Therapies Targeting Complex Membrane Proteins. Engineering, 2021, 7, 1541-1551.	3.2	6
30	Tumour DDR1 promotes collagen fibre alignment to instigate immune exclusion. Nature, 2021, 599, 673-678.	13.7	139
31	LILRB3 supports acute myeloid leukemia development and regulates T-cell antitumor immune responses through the TRAF2â€“cFLIPâ€“NF-Î°B signaling axis. Nature Cancer, 2021, 2, 1170-1184.	5.7	23
32	Structures of the fourÂIg-like domain LILRB2 and the four-domain LILRB1 and HLA-G1 complex. Cellular and Molecular Immunology, 2020, 17, 966-975.	4.8	38
33	Apc.LaeA and Apc.VeA of the velvet complex govern secondary metabolism and morphological development in the echinocandin-producing fungusAspergillus pachycristatus. Journal of Industrial Microbiology and Biotechnology, 2020, 47, 155-168.	1.4	14
34	A monoclonal antibody with broad specificity for the ligands of insulin B:9-23 reactive T cells prevents spontaneous type 1 diabetes in mice. MAbs, 2020, 12, 1836714.	2.6	5
35	Antagonistic anti-LILRB1 monoclonal antibody regulates antitumor functions of natural killer cells. , 2020, 8, e000515.		27
36	Recognition of a highly conserved glycoprotein B epitope by a bivalent antibody neutralizing HCMV at a post-attachment step. PLoS Pathogens, 2020, 16, e1008736.	2.1	17

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37	Virome assembly and annotation in brain tissue based on nextâ€generation sequencing. Cancer Medicine, 2020, 9, 6776-6790.	1.3	8
38	Specificity and effector functions of non-neutralizing gB-specific monoclonal antibodies isolated from healthy individuals with human cytomegalovirus infection. Virology, 2020, 548, 182-191.	1.1	11
39	LILRB4-targeting Antibodyâ€“Drug Conjugates for the Treatment of Acute Myeloid Leukemia. Molecular Cancer Therapeutics, 2020, 19, 2330-2339.	1.9	29
40	Antibody binding to native cytomegalovirus glycoprotein B predicts efficacy of the gB/MF59 vaccine in humans. Science Translational Medicine, 2020, 12, .	5.8	37
41	Phosphofructokinase 1 Platelet Isoform Promotes Î²-Catenin Transactivation for Tumor Development. Frontiers in Oncology, 2020, 10, 211.	1.3	19
42	Structure guided maturation of a novel humanized anti-HBV antibody and its preclinical development. Antiviral Research, 2020, 180, 104757.	1.9	6
43	Identification of Secondary Metabolites from Aspergillus pachycristatus by Untargeted UPLC-ESI-HRMS/MS and Genome Mining. Molecules, 2020, 25, 913.	1.7	4
44	Critical Role of Matrix Metalloproteinase 14 in Adipose Tissue Remodeling during Obesity. Molecular and Cellular Biology, 2020, 40, .	1.1	56
45	Antibody therapies for the treatment of COVID-19. Antibody Therapeutics, 2020, 3, 101-108.	1.2	10
46	Acrophiarin (antibiotic S31794 /Fâ€1) from Penicillium arenicola shares biosynthetic features with both Aspergillus â€•and Leotiomycete â€type echinocandins. Environmental Microbiology, 2020, 22, 2292-2311.	1.8	5
47	Title is missing!. , 2020, 16, e1008736.		0
48	Title is missing!. , 2020, 16, e1008736.		0
49	Title is missing!. , 2020, 16, e1008736.		0
50	Title is missing!. , 2020, 16, e1008736.		0
51	Identification of adipocyte plasma membrane-associated protein as a novel modulator of human cytomegalovirus infection. PLoS Pathogens, 2019, 15, e1007914.	2.1	13
52	Partial Leptin Reduction as an Insulin Sensitization and Weight Loss Strategy. Cell Metabolism, 2019, 30, 706-719.e6.	7.2	179
53	Neutralizing Monoclonal Antibodies Reduce Human Cytomegalovirus Infection and Spread in Developing Placentas. Vaccines, 2019, 7, 135.	2.1	24
54	T-cell receptor mimic (TCRm) antibody therapeutics against intracellular proteins. Antibody Therapeutics, 2019, 2, 22-32.	1.2	12

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55	Disrupting LILRB4/APOE Interaction by an Efficacious Humanized Antibody Reverses T-cell Suppression and Blocks AML Development. Cancer Immunology Research, 2019, 7, 1244-1257.	1.6	51
56	Potent neutralizing antibodies elicited by dengue vaccine in rhesus macaque target diverse epitopes. PLoS Pathogens, 2019, 15, e1007716.	2.1	27
57	Two transcription factors cooperatively regulate DHN melanin biosynthesis and development in Pestalotiopsis fici. Molecular Microbiology, 2019, 112, 649-666.	1.2	29
58	The 2018 Nobel Prize in Medicine for breakthroughs in targeting immune checkpoint inhibitors: a brief perspective. Antibody Therapeutics, 2019, 2, 40-43.	1.2	2
59	Neutralization mechanism of human monoclonal antibodies against Rift Valley fever virus. Nature Microbiology, 2019, 4, 1231-1241.	5.9	39
60	A Replication-Defective Human Cytomegalovirus Vaccine Elicits Humoral Immune Responses Analogous to Those with Natural Infection. Journal of Virology, 2019, 93, .	1.5	32
61	EGFL6 promotes breast cancer by simultaneously enhancing cancer cell metastasis and stimulating tumor angiogenesis. Oncogene, 2019, 38, 2123-2134.	2.6	27
62	A bispecific broadly neutralizing antibody against enterovirus 71 and coxsackievirus A16 with therapeutic potential. Antiviral Research, 2019, 161, 28-35.	1.9	12
63	Molecular Links Between Angiogenesis and Neuroendocrine Phenotypes in Prostate Cancer Progression. Frontiers in Oncology, 2019, 9, 1491.	1.3	10
64	Human endotrophin as a driver of malignant tumor growth. JCI Insight, 2019, 4, .	2.3	48
65	TREM2 Is a Receptor for Î²-Amyloid that Mediates Microglial Function. Neuron, 2018, 97, 1023-1031.e7.	3.8	462
66	Genomicsâ€driven discovery of a novel selfâ€resistance mechanism in the echinocandinâ€producing fungus Pezicula radicicola. Environmental Microbiology, 2018, 20, 3154-3167.	1.8	18
67	Asperphenamate biosynthesis reveals a novel two-module NRPS system to synthesize amino acid esters in fungi. Chemical Science, 2018, 9, 2589-2594.	3.7	27
68	Efficient development of a stable cell pool for antibody production using a single plasmid. Journal of Biochemistry, 2018, 163, 391-398.	0.9	1
69	Antibody-drug conjugates: recent advances in conjugation and linker chemistries. Protein and Cell, 2018, 9, 33-46.	4.8	494
70	A novel therapeutic anti-HBV antibody with increased binding to human FcRn improves in vivo PK in mice and monkeys. Protein and Cell, 2018, 9, 130-134.	4.8	12
71	Molecular and functional analysis of monoclonal antibodies in support of biologics development. Protein and Cell, 2018, 9, 74-85.	4.8	57
72	Targeting Human-Cytomegalovirus-Infected Cells by Redirecting T Cells Using an Anti-CD3/Anti-Glycoprotein B Bispecific Antibody. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	15

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73	Human cytomegalovirus vaccine development: Immune responses to look into vaccine strategy. Human Vaccines and Immunotherapeutics, 2018, 14, 292-303.	1.4	12
74	â€œMagic Bulletsâ€•at the center stage of immune therapy: a special issue on therapeutic antibodies. Protein and Cell, 2018, 9, 1-2.	4.8	12
75	LILRB4 signalling in leukaemia cells mediates T cell suppression and tumour infiltration. Nature, 2018, 562, 605-609.	13.7	172
76	Glutamic acidâ€“valineâ€“citrulline linkers ensure stability and efficacy of antibodyâ€“drug conjugates in mice. Nature Communications, 2018, 9, 2512.	5.8	119
77	Enfumafungin synthase represents a novel lineage of fungal triterpene cyclases. Environmental Microbiology, 2018, 20, 3325-3342.	1.8	18
78	Draft genome sequence of Annulohypoxylon stygium, Aspergillus mulundensis, Berkeleyomyces basicola (syn. Thielaviopsis basicola), Ceratocystis smalleyi, two Cercospora beticola strains, Coleophoma cylindrospora, Fusarium fracticaudum, Phialophora cf. hyalina, and Morchella septimelata. IMA Fungus, 2018, 9, 199-223.	1.7	37
79	Efficient mAb production in CHO cells with optimized signal peptide, codon, and UTR. Applied Microbiology and Biotechnology, 2018, 102, 5953-5964.	1.7	24
80	Proteolytic single hinge cleavage of pertuzumab impairs its Fc effector function and antitumor activity in vitro and in vivo. Breast Cancer Research, 2018, 20, 43.	2.2	15
81	A Novel Anti-LILRB4 CAR-T Cell for the Treatment of Monocytic AML. Molecular Therapy, 2018, 26, 2487-2495.	3.7	72
82	Proteinase-nicked IgGs: an unanticipated target for tumor immunotherapy. OncoImmunology, 2018, 7, e1480300.	2.1	4
83	Neutralization of Diverse Human Cytomegalovirus Strains Conferred by Antibodies Targeting Viral gH/gL/pUL128-131 Pentameric Complex. Journal of Virology, 2017, 91, .	1.5	60
84	Antibody therapies for the prevention and treatment of viral infections. Npj Vaccines, 2017, 2, 19.	2.9	156
85	Differential Effects of EGFL6 on Tumor versus Wound Angiogenesis. Cell Reports, 2017, 21, 2785-2795.	2.9	32
86	Enzymatic conjugation using branched linkers for constructing homogeneous antibodyâ€“drug conjugates with high potency. Organic and Biomolecular Chemistry, 2017, 15, 5635-5642.	1.5	67
87	Anti-Cryptococcus Phenalenones and Cyclic Tetrapeptides from Auxarthron pseudauxarthron. Journal of Natural Products, 2017, 80, 2101-2109.	1.5	20
88	Complement enhances in vitro neutralizing potency of antibodies to human cytomegalovirus glycoprotein B (gB) and immune sera induced by gB/MF59 vaccination. Npj Vaccines, 2017, 2, 36.	2.9	39
89	HER3 and LINC00052 interplay promotes tumor growth in breast cancer. Oncotarget, 2017, 8, 6526-6539.	0.8	28
90	Active evolution of memory B-cells specific to viral gH/gL/pUL128/130/131 pentameric complex in healthy subjects with silent human cytomegalovirus infection. Oncotarget, 2017, 8, 73654-73669.	0.8	28

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91	HER3/ErbB3, an emerging cancer therapeutic target. Acta Biochimica Et Biophysica Sinica, 2016, 48, 39-48.	0.9	65
92	A human monoclonal antibody against HPV16 recognizes an immunodominant and neutralizing epitope partially overlapping with that of H16.V5. Scientific Reports, 2016, 6, 19042.	1.6	16
93	Divergent functions of endotrophin on different cell populations in adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E952-E963.	1.8	39
94	Crk II silencing down-regulates IGF-IR and inhibits migration and invasion of prostate cancer cells. Biochemistry and Biophysics Reports, 2016, 8, 382-388.	0.7	9
95	LGR5-Targeted Antibodyâ€“Drug Conjugate Eradicates Gastrointestinal Tumors and Prevents Recurrence. Molecular Cancer Therapeutics, 2016, 15, 1580-1590.	1.9	89
96	Tumor evasion of humoral immunity mediated by proteolytic impairment of antibody triggered immune effector function. OncoImmunology, 2016, 5, e1122861.	2.1	1
97	Engineering of New Pneumocandin Side-Chain Analogues from Glarea lozoyensis by Mutasynthesis and Evaluation of Their Antifungal Activity. ACS Chemical Biology, 2016, 11, 2724-2733.	1.6	26
98	Emestrins: Anti-Cryptococcus Epipolythiodioxopiperazines from Podospora australis. Journal of Natural Products, 2016, 79, 2357-2363.	1.5	24
99	Polyketide Production of Pestaloficiols and Macrodiolide Ficiolides Revealed by Manipulations of Epigenetic Regulators in an Endophytic Fungus. Organic Letters, 2016, 18, 1832-1835.	2.4	68
100	Aspergillus mulundensis sp. nov., a new species for the fungus producing the antifungal echinocandin lipopeptides, mulundocandins. Journal of Antibiotics, 2016, 69, 141-148.	1.0	23
101	Prohibitin/annexin 2 interaction regulates fatty acid transport in adipose tissue. JCI Insight, 2016, 1, .	2.3	51
102	Novel association of DJ-1 with HER3 potentiates HER3 activation and signaling in cancer. Oncotarget, 2016, 7, 65758-65769.	0.8	17
103	Aberrant RSPO3-LGR4 signaling in Keap1-deficient lung adenocarcinomas promotes tumor aggressiveness. Oncogene, 2015, 34, 4692-4701.	2.6	59
104	A Novel Therapeutic Strategy to Rescue the Immune Effector Function of Proteolytically Inactivated Cancer Therapeutic Antibodies. Molecular Cancer Therapeutics, 2015, 14, 681-691.	1.9	18
105	Engineering of Glarea lozoyensis for Exclusive Production of the Pneumocandin B ₀ Precursor of the Antifungal Drug Caspofungin Acetate. Applied and Environmental Microbiology, 2015, 81, 1550-1558.	1.4	39
106	The E3 ubiquitin ligase NEDD4 negatively regulates HER3/ErbB3 level and signaling. Oncogene, 2015, 34, 1105-1115.	2.6	60
107	Functional Operons in Secondary Metabolic Gene Clusters in Glarea lozoyensis (Fungi,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.8	15
108	Trastuzumab Triggers Phagocytic Killing of High HER2 Cancer Cells In Vitro and In Vivo by Interaction with FcÎ³ Receptors on Macrophages. Journal of Immunology, 2015, 194, 4379-4386.	0.4	150

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109	Genetic Manipulation of the Pneumocandin Biosynthetic Pathway for Generation of Analogues and Evaluation of Their Antifungal Activity. ACS Chemical Biology, 2015, 10, 1702-1710.	1.6	32
110	Efficient generation of monoclonal antibodies from single rhesus macaque antibody secreting cells. MAbs, 2015, 7, 707-718.	2.6	26
111	Evolution of Chemical Diversity in Echinocandin Lipopeptide Antifungal Metabolites. Eukaryotic Cell, 2015, 14, 698-718.	3.4	40
112	Dysfunctional Antibodies in the Tumor Microenvironment Associate with Impaired Anticancer Immunity. Clinical Cancer Research, 2015, 21, 5380-5390.	3.2	19
113	In vitroaffinity maturation and characterization of anti-P24 antibody for HIV diagnostic assay. Journal of Biochemistry, 2015, 158, mvv070.	0.9	2
114	Regulation of ERBB3/HER3 signaling in cancer. Oncotarget, 2014, 5, 10222-10236.	0.8	90
115	Investigation of a special neutralizing epitope of HEV E2s. Protein and Cell, 2014, 5, 950-953.	4.8	2
116	Human decellularized adipose tissue scaffold as a model for breast cancer cell growth and drug treatments. Biomaterials, 2014, 35, 4940-4949.	5.7	130
117	Progress on pursuit of human cytomegalovirus vaccines for prevention of congenital infection and disease. Vaccine, 2014, 32, 2525-2533.	1.7	76
118	Characterization of Thermolide Biosynthetic Genes and a New Thermolide from Sister Thermophilic Fungi. Organic Letters, 2014, 16, 3744-3747.	2.4	23
119	New insights into the echinocandins and other fungal non-ribosomal peptides and peptaibiotics. Natural Product Reports, 2014, 31, 1348-1375.	5.2	67
120	Engagement of immune effector cells by trastuzumab induces HER2/ERBB2 downregulation in cancer cells through STAT1 activation. Breast Cancer Research, 2014, 16, R33.	2.2	48
121	Endotrophin triggers adipose tissue fibrosis and metabolic dysfunction. Nature Communications, 2014, 5, 3485.	5.8	263
122	Phylogeography and evolution of a fungalâ€“insect association on the <scp>T</scp>ibetan <scp>P</scp>lateau. Molecular Ecology, 2014, 23, 5337-5355.	2.0	42
123	Coprophilous fungi: antibiotic discovery and functions in an underexplored arena of microbial defensive mutualism. Current Opinion in Microbiology, 2013, 16, 549-565.	2.3	65
124	Production of a human neutralizing monoclonal antibody and its crystal structure in complex with ectodomain 3 of the interleukin-13 receptor Î±1. Biochemical Journal, 2013, 451, 165-175.	1.7	11
125	Plant-Symbiotic Fungi as Chemical Engineers: Multi-Genome Analysis of the Clavicipitaceae Reveals Dynamics of Alkaloid Loci. PLoS Genetics, 2013, 9, e1003323.	1.5	344
126	Pentameric complex of viral glycoprotein H is the primary target for potent neutralization by a human cytomegalovirus vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4997-5005.	3.3	116

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127	Genomics-driven discovery of the pneumocandin biosynthetic gene cluster in the fungus Glarea lozoyensis. BMC Genomics, 2013, 14, 339.	1.2	83
128	Trastuzumab-Doxorubicin Conjugate Provides Enhanced Anti-Cancer Potency and Reduced Cardiotoxicity. Journal of Cancer Therapy, 2013, 04, 308-322.	0.1	6
129	Novel Approach for Quantitative Measurement of Matrix Metalloprotease-1 (MMP1) in Human Breast Cancer Cells Using Mass Spectrometry. Journal of Analytical Sciences Methods and Instrumentation, 2013, 03, 54-61.	0.1	0
130	Origin and evolution of carnivorism in the Ascomycota (fungi). Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10960-10965.	3.3	99
131	A single proteolytic cleavage within the lower hinge of trastuzumab reduces immune effector function and in vivo efficacy. Breast Cancer Research, 2012, 14, R116.	2.2	53
132	HER3 intracellular domains play a crucial role in HER3/HER2 dimerization and activation of downstream signaling pathways. Protein and Cell, 2012, 3, 781-789.	4.8	18
133	An Anti-PCSK9 Antibody Reduces LDL-Cholesterol On Top Of A Statin And Suppresses Hepatocyte SREBP-Regulated Genes. International Journal of Biological Sciences, 2012, 8, 310-327.	2.6	91
134	ERBB 3 (HER 3) is a key sensor in the regulation of ERBB â€mediated signaling in both low and high ERBB 2 (HER 2) expressing cancer cells. Cancer Medicine, 2012, 1, 28-38.	1.3	38
135	Pharmacological applications of a novel neoepitope antibody to a modified amyloid precursor protein-derived beta-secretase product. Protein and Cell, 2011, 2, 573-584.	4.8	5
136	A Rate-Limiting Role for Dickkopf-1 in Bone Formation and the Remediation of Bone Loss in Mouse and Primate Models of Postmenopausal Osteoporosis by an Experimental Therapeutic Antibody. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 568-578.	1.3	73
137	Monoclonal antibodies â€" a proven and rapidly expanding therapeutic modality for human diseases. Protein and Cell, 2010, 1, 319-330.	4.8	52
138	A Humanized Anti-VEGF Rabbit Monoclonal Antibody Inhibits Angiogenesis and Blocks Tumor Growth in Xenograft Models. PLoS ONE, 2010, 5, e9072.	1.1	51
139	Generation and Selection of Novel Fully Human Monoclonal Antibodies That Neutralize Dickkopf-1 (DKK1) Inhibitory Function in Vitro and Increase Bone Mass in Vivo. Journal of Biological Chemistry, 2010, 285, 40135-40147.	1.6	89
140	A fully human monoclonal antibody to Staphylococcus aureus iron regulated surface determinant B (IsdB) with functional activity in vitro and in vivo. Human Antibodies, 2010, 19, 113-128.	0.6	48
141	A Trojan horse mechanism of bacterial pathogenesis against nematodes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16631-16636.	3.3	121
142	China's fungal genomics initiative: a whitepaper. Mycology, 2010, 1, 1-8.	2.0	14
143	IgG2m4, an engineered antibody isotype with reduced Fc function. MAbs, 2009, 1, 572-579.	2.6	85
144	Genetic diversity of Ophiocordyceps sinensis, a medicinal fungus endemic to the Tibetan Plateau: Implications for its evolution and conservation. BMC Evolutionary Biology, 2009, 9, 290.	3.2	89

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145	Evidence that inhibition of insulin receptor signaling activity by PC-1/ENPP1 is dependent on its enzyme activity. European Journal of Pharmacology, 2009, 606, 17-24.	1.7	26
146	Suppression of PC-1/ENPP-1 expression improves insulin sensitivity in vitro and in vivo. European Journal of Pharmacology, 2009, 616, 346-352.	1.7	30
147	Affinity maturation and characterization of a human monoclonal antibody against HIV-1 gp41. MAbs, 2009, 1, 462-474.	2.6	20
148	The tryptophan synthetase gene TRP1 of Nodulisporium sp.: molecular characterization and its relation to nodulisporic acid A production. Applied Microbiology and Biotechnology, 2008, 79, 451-459.	1.7	10
149	Short Communication: In VitroSynergy between Peptides or Neutralizing Antibodies Targeting the N- and C-Terminal Heptad Repeats of HIV Type 1 gp41. AIDS Research and Human Retroviruses, 2008, 24, 1537-1544.	0.5	16
150	Disruption of a Yeast ADE6 Gene Homolog in Ustilago maydis. Fungal Genetics Reports, 2008, 55, 40-43.	0.6	1
151	Evolution of nematode-trapping cells of predatory fungi of the Orbiliaceae based on evidence from rRNA-encoding DNA and multiprotein sequences. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8379-8384.	3.3	160
152	Automated high-throughput purification of antibody fragments to facilitate evaluation in functional and kinetic based assays. Journal of Immunological Methods, 2007, 322, 94-103.	0.6	11
153	A human monoclonal antibody neutralizes diverse HIV-1 isolates by binding a critical gp41 epitope. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14759-14764.	3.3	136
154	Genomics in Novel Natural Products Generation. , 2003, , 221-237.		0
155	Estimating polyketide metabolic potential among nonsporulating fungal endophytes of Vaccinium macrocarpon. Mycological Research, 2002, 106, 460-470.	2.5	34
156	Bioactive Fungal Natural Products Through Classic and Biocombinatorial Approaches. Studies in Natural Products Chemistry, 2000, 22, 245-272.	0.8	12
157	Viability of soilborne spores of glomalean mycorrhizal fungi. Soil Biology and Biochemistry, 1998, 30, 1133-1136.	4.2	12
158	The second finger of Urbs1 is required for iron-mediated repression of sid1 in Ustilago maydis. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 5882-5887.	3.3	50
159	The distal GATA sequences of the sid1 promoter of Ustilago maydis mediate iron repression of siderophore production and interact directly with Urbs1, a GATA family transcription factor. EMBO Journal, 1997, 16, 1742-1750.	3.5	79
160	New cosmid vectors for library construction, chromosome walking and restriction mapping in filamentous fungi. Gene, 1996, 176, 93-96.	1.0	22
161	Sequences and proteins required for iron-regulated expression ofsid1ofUstilago maydis. Canadian Journal of Botany, 1995, 73, 140-147.	1.2	3
162	A mycorrhizal pathogen (Glomus macrocarpum Tul. & Tul.) of tobacco: effects of long- and short-term cropping on the mycorrhizal fungal community and stunt disease. Applied Soil Ecology, 1994, 1, 269-276.	2.1	9

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163	The influence of crop rotation and soil fumigation on a mycorrhizal fungal community associated with soybean. Mycorrhiza, 1993, 3, 171-182.	1.3	63
164	Populations of spores and propagules of mycorrhizal fungi in relation to the life cycles of tall fescue and tobacco. Soil Biology and Biochemistry, 1993, 25, 813-817.	4.2	24
165	Mycorrhizal pathogen of tobacco: cropping history and current crop effects on the mycorrhizal fungal community. Crop Protection, 1993, 12, 527-531.	1.0	17
166	Mycorrhizal fungi in relation to growth and mineral nutrition of apple seedlings. Scientia Horticulturae, 1993, 54, 275-285.	1.7	15
167	INFLUENCE OF A CHANGE FROM TALL FESCUE TO PEARL MILLET OR CRABGRASS ON THE MYCORRHIZAL FUNGAL COMMUNITY. Soil Science, 1993, 155, 398-405.	0.9	16
168	Molecular Biology and Genetics of Protective Fungal Endophytes of Grasses. , 1993, 15, 191-212.		14
169	Suppression of mycorrhizal fungi in fescue by the acremonium coenophialum endophyte. Soil Biology and Biochemistry, 1992, 24, 633-637.	4.2	114
170	Role ofAcremoniumEndophyte of Fescue on Inhibition of Colonization and Reproduction of Mycorrhizal Fungi. Mycologia, 1992, 84, 882-885.	0.8	68
171	Diversity and origins of endophytic fungal symbionts of the North American grass Festuca arizonica. Theoretical and Applied Genetics, 1992, 85-85, 366-371.	1.8	41
172	Molecular phylogenetic relationships of nonpathogenic grass mycosymbionts and clavicipitaceous plant pathogens. Plant Systematics and Evolution, 1991, 178, 27-41.	0.3	147
173	Evaluation of the "Most Probable Number" (MPN) and Wet-Sieving Methods for Determining Soil-Borne Populations of Endogonaceous Mycorrhizal Fungi. Mycologia, 1990, 82, 576.	0.8	51
174	Vertical distribution of endogonaceous mycorrhizal fungi associated with soybean, as affected by soil fumigation. Soil Biology and Biochemistry, 1990, 22, 715-719.	4.2	46
175	Heterologous Protein Expression in Yeasts and Filamentous Fungi. , 0, , 145-156.		2