

Angray S Kang

List of Publications by Year in descending order

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63
papers

5,145
citations

201674

27
h-index

114465

63
g-index

65
all docs

65
docs citations

65
times ranked

3629
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembly of combinatorial antibody libraries on phage surfaces: the gene III site.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7978-7982.	7.1	1,138
2	Generation of a large combinatorial library of the immunoglobulin repertoire in phage lambda. Science, 1989, 246, 1275-1281.	12.6	844
3	Linkage of recognition and replication functions by assembling combinatorial antibody Fab libraries along phage surfaces.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 4363-4366.	7.1	392
4	In vitro selection and affinity maturation of antibodies from a naive combinatorial immunoglobulin library.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3576-3580.	7.1	289
5	A Structural Framework for Deciphering the Link Between I-Ag7 and Autoimmune Diabetes. Science, 2000, 288, 505-511.	12.6	245
6	Development of Transgenic Fungi That Kill Human Malaria Parasites in Mosquitoes. Science, 2011, 331, 1074-1077.	12.6	239
7	Mosquito-Bacteria Symbiosis: The Case of Anopheles gambiae and Asaia. Microbial Ecology, 2010, 60, 644-654.	2.8	150
8	Antibody redesign by chain shuffling from random combinatorial immunoglobulin libraries.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 11120-11123.	7.1	148
9	<sc>COVID-19 Vaccine Response in People with Multiple Sclerosis. Annals of Neurology, 2022, 91, 89-100.	5.3	119
10	The I-Ag7 MHC Class II Molecule Linked to Murine Diabetes Is a Promiscuous Peptide Binder. Journal of Immunology, 2000, 165, 3214-3225.	0.8	117
11	The detection of protective antigen (PA) associated with spores of Bacillus anthracis and the effects of anti-PA antibodies on spore germination and macrophage interactions. Microbial Pathogenesis, 2005, 38, 209-225.	2.9	104
12	Antibodies without immunization. Science, 1992, 258, 1313-1314.	12.6	103
13	Human anti-anthrax protective antigen neutralizing monoclonal antibodies derived from donors vaccinated with anthrax vaccine adsorbed. Journal of Immune Based Therapies and Vaccines, 2004, 2, 5.	2.4	90
14	Human Monoclonal Anti-Protective Antigen Antibody Completely Protects Rabbits and Is Synergistic with Ciprofloxacin in Protecting Mice and Guinea Pigs against Inhalation Anthrax. Infection and Immunity, 2006, 74, 1016-1024.	2.2	87
15	Expression of a functional antibody fragment in the gut of Rhodnius prolixus via transgenic bacterial symbiont Rhodococcus rhodnii. Medical and Veterinary Entomology, 1999, 13, 115-119.	1.5	85
16	Paratransgenic Control of Vector Borne Diseases. International Journal of Biological Sciences, 2011, 7, 1334-1344.	6.4	81
17	Gene therapy with a single chain interleukin 12 fusion protein induces T cell-dependent protective immunity in a syngeneic model of murine neuroblastoma. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 2475-2480.	7.1	74
18	Trypanosoma cruzi: Synergistic cytotoxicity of multiple amphipathic anti-microbial peptides to T. cruzi and potential bacterial hosts. Experimental Parasitology, 2010, 125, 342-347.	1.2	67

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19	The underpinning biology relating to multiple sclerosis disease modifying treatments during the COVID-19 pandemic. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 43, 102174.	2.0	62
20	Propagation of an attenuated virus by design: engineering a novel receptor for a noninfectious foot-and-mouth disease virus.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 10428-10433.	7.1	54
21	Aflatoxin determination in peanut butter by enzyme-linked immunosorbent assay. <i>Journal of the Science of Food and Agriculture</i> , 1986, 37, 908-914.	3.5	47
22	Combinatorial immunoglobulin libraries in phage λ . <i>Methods</i> , 1991, 2, 111-118.	3.8	43
23	Modulation of antibody display on M13 filamentous phage. <i>Journal of Immunological Methods</i> , 1998, 221, 25-34.	1.4	36
24	Alemtuzumab depletion failure can occur in multiple sclerosis. <i>Immunology</i> , 2018, 154, 253-260.	4.4	32
25	Production of antisera against sterigmatocystin hemiacetal and its potential for use in an enzyme-linked immunosorbent assay for sterigmatocystin in barley. <i>Journal of the Science of Food and Agriculture</i> , 1986, 37, 873-880.	3.5	31
26	Human monoclonal antibodies that neutralize anthrax toxin by inhibiting heptamer assembly. <i>Human Antibodies</i> , 2005, 13, 105-110.	1.5	28
27	Stage-dependent Localization of a Novel Gene Product of the Malaria Parasite, <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 26724-26731.	3.4	27
28	Functional expression of a single-chain anti-progesterone antibody fragment in the cytoplasm of a mutant <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 1995, 23, 4009-4010.	14.5	21
29	Molecular dissection of the human antibody response to the structural repeat epitope of <i>Plasmodium falciparum</i> sporozoite from a protected donor. <i>Malaria Journal</i> , 2004, 3, 28.	2.3	21
30	Evidence for the Desmosomal Cadherin Desmoglein-3 in Regulating YAP and Phospho-YAP in Keratinocyte Responses to Mechanical Forces. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6221.	4.1	21
31	The Irony of Humanization: Alemtuzumab, the First, But One of the Most Immunogenic, Humanized Monoclonal Antibodies. <i>Frontiers in Immunology</i> , 2020, 11, 124.	4.8	21
32	Module based antibody engineering: A novel synthetic REDantibody. <i>Journal of Immunological Methods</i> , 2011, 364, 40-49.	1.4	20
33	Expression of recombinant multi-coloured fluorescent antibodies in <i>gor -/trxB- E. colicytoplasm</i> . <i>BMC Biotechnology</i> , 2011, 11, 117.	3.3	20
34	CD19 B cell repopulation after ocrelizumab, alemtuzumab and cladribine: Implications for SARS-CoV-2 vaccinations in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 57, 103448.	2.0	19
35	Human monoclonal antibodies that neutralize anthrax toxin by inhibiting heptamer assembly. <i>Human Antibodies</i> , 2004, 13, 105-10.	1.5	19
36	The desmosomal cadherin desmoglein-3 acts as a keratinocyte anti-stress protein via suppression of p53. <i>Cell Death and Disease</i> , 2019, 10, 750.	6.3	18

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37	Recombinant Immunocytokines Targeting the Mouse Transferrin Receptor: Construction and Biological Activities. <i>Bioconjugate Chemistry</i> , 1998, 9, 482-489.	3.6	17
38	Expression of Pea Legumin Sequences in Pea, <i>Nicotiana</i> and Yeast. <i>Biochemie Und Physiologie Der Pflanzen</i> , 1988, 183, 183-197.	0.5	15
39	Immunocytochemical and biochemical studies of the mobilisation of storage oil-bodies and proteins in germinating cotyledons of oilseed rape, <i>Brassica napus</i> . <i>Journal of the Science of Food and Agriculture</i> , 1989, 48, 209-223.	3.5	15
40	Quantitative proteomic analysis of the response of the wood-rot fungus, <i>Schizophyllum commune</i> , to the biocontrol fungus, <i>Trichoderma viride</i> . <i>Letters in Applied Microbiology</i> , 2012, 54, 336-343.	2.2	15
41	Immunological investigation of lipases in germinating oilseed rape, <i>Brassica napus</i> . <i>Journal of the Science of Food and Agriculture</i> , 1989, 47, 21-31.	3.5	14
42	Seroconversion following COVID-19 vaccination: can we optimize protective response in CD20-treated individuals?. <i>Clinical and Experimental Immunology</i> , 2022, 207, 263-271.	2.6	14
43	Ribosome Display of Combinatorial Antibody Libraries Derived from Mice Immunized with Heat-Killed <i>Xylella fastidiosa</i> and the Selection of MopB-Specific Single-Chain Antibodies. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2638-2647.	3.1	13
44	Crystallization, sequence and preliminary crystallographic data for transmission-blocking anti-malaria Fab 4B7 with cyclic peptides from the Pfs25 protein of <i>P. falciparum</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1994, 50, 535-542.	2.5	10
45	Characterization of immunoglobulin G antibodies to <i>Plasmodium falciparum</i> sporozoite surface antigen MB2 in malaria exposed individuals. <i>Malaria Journal</i> , 2009, 8, 235.	2.3	10
46	IgG4 Pf NPNA-1 a human anti- <i>Plasmodium falciparum</i> sporozoite monoclonal antibody cloned from a protected individual inhibits parasite invasion of hepatocytes. <i>Human Antibodies</i> , 2004, 13, 91-96.	1.5	9
47	New mouthwash: an efficacious intervention for oral ulceration associated with Behçet's disease. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2020, 58, 1034-1039.	0.8	9
48	Mapping the T cell response to COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 112.	17.1	9
49	An immunologically related family of apolipoproteins associated with triacylglycerol storage in the Cruciferae. <i>Archives of Biochemistry and Biophysics</i> , 1989, 273, 516-526.	3.0	8
50	Accessing of recombinant human monoclonal antibodies from patient libraries by eukaryotic ribosome display. <i>Human Antibodies</i> , 2012, 21, 1-11.	1.5	8
51	IgG(4) Pf NPNA-1 a human anti- <i>Plasmodium falciparum</i> sporozoite monoclonal antibody cloned from a protected individual inhibits parasite invasion of hepatocytes. <i>Human Antibodies</i> , 2004, 13, 91-6.	1.5	8
52	Bacterial Expression and Purification of Recombinant <i>Plasmodium yoelii</i> Circumsporozoite Protein. <i>Protein Expression and Purification</i> , 1997, 11, 72-78.	1.3	7
53	Cognate peptide-receptor ligand mapping by directed phage display. <i>Proteome Science</i> , 2005, 3, 7.	1.7	7
54	Detecting and predicting neutralization of alemtuzumab responses in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	7

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55	Adiponectin exacerbates influenza infection in elderly individuals via IL-18. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 32.	17.1	7
56	GloBody Technology: Detecting Anti-Drug Antibody against VH/VL domains. <i>Scientific Reports</i> , 2020, 10, 1860.	3.3	6
57	Low-resolution epitope characterisation in a family of seed apolipoproteins using polyclonal antibodies. <i>Lipids and Lipid Metabolism</i> , 1989, 1005, 97-102.	2.6	5
58	A Paratransgenic Strategy for the Control of Chagas Disease. <i>Psyche: Journal of Entomology</i> , 2012, 2012, 1-10.	0.9	4
59	A cell-based assay for the detection of neutralizing antibodies against alemtuzumab. <i>BioTechniques</i> , 2020, 68, 185-190.	1.8	2
60	Immunogenicity of biologics used in the treatment of inflammatory bowel disease. <i>Human Antibodies</i> , 2021, 29, 225-235.	1.5	2
61	Induction of p53 in keratinocyte cultures treated with Behçet's patient sera. <i>Journal of Oral Pathology and Medicine</i> , 2020, 49, 435-442.	2.7	1
62	Immunogenicity of biologics used in the treatment of moderate to severe psoriasis. <i>Human Antibodies</i> , 2021, 29, 1-8.	1.5	1
63	Anti-drug antibodies to antibody-based therapeutics in multiple sclerosis. <i>Human Antibodies</i> , 2021, 29, 255-262.	1.5	1