

Hongkai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

738
citations

623188

14
h-index

552369

26
g-index

36
all docs

36
docs citations

36
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Autocrine selection of a GLP-1R G-protein biased agonist with potent antidiabetic effects. <i>Nature Communications</i> , 2015, 6, 8918.	5.8	124
2	Magnetic and pH-responsive nanocarriers with multilayer core-shell architecture for anticancer drug delivery. <i>Journal of Materials Chemistry</i> , 2008, 18, 5104.	6.7	111
3	High-throughput functional screening for next-generation cancer immunotherapy using droplet-based microfluidics. <i>Science Advances</i> , 2021, 7, .	4.7	64
4	Selection of antibodies that regulate phenotype from intracellular combinatorial antibody libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15728-15733.	3.3	63
5	Structures of Omicron spike complexes and implications for neutralizing antibody development. <i>Cell Reports</i> , 2022, 39, 110770.	2.9	47
6	Selecting Agonists from Single Cells Infected with Combinatorial Antibody Libraries. <i>Chemistry and Biology</i> , 2013, 20, 734-741.	6.2	46
7	Prevention of Cell Death by Antibodies Selected from Intracellular Combinatorial Libraries. <i>Chemistry and Biology</i> , 2014, 21, 274-283.	6.2	35
8	Reshaping the Immune Microenvironment by Oncolytic Herpes Simplex Virus in Murine Pancreatic Ductal Adenocarcinoma. <i>Molecular Therapy</i> , 2021, 29, 744-761.	3.7	24
9	Antibody-Mediated Inhibition of Tspan12 Ameliorates Vasoproliferative Retinopathy Through Suppression of β -Catenin Signaling. <i>Circulation</i> , 2017, 136, 180-195.	1.6	21
10	Selection of multiple agonist antibodies from intracellular combinatorial libraries reveals that cellular receptors are functionally pleiotropic. <i>Current Opinion in Chemical Biology</i> , 2015, 26, 1-7.	2.8	18
11	Targeting FSTL1 for Multiple Fibrotic and Systemic Autoimmune Diseases. <i>Molecular Therapy</i> , 2021, 29, 347-364.	3.7	18
12	Antigen-Specific Stimulation and Expansion of CAR-T Cells Using Membrane Vesicles as Target Cell Surrogates. <i>Small</i> , 2021, 17, e2102643.	5.2	17
13	CD40L-armed oncolytic herpes simplex virus suppresses pancreatic ductal adenocarcinoma by facilitating the tumor microenvironment favorable to cytotoxic T cell response in the syngeneic mouse model. , 2022, 10, e003809.		17
14	Antibodies from combinatorial libraries use functional receptor pleiotropism to regulate cell fates. <i>Quarterly Reviews of Biophysics</i> , 2015, 48, 389-394.	2.4	16
15	Agonist antibody that induces human malignant cells to kill one another. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6158-E6165.	3.3	16
16	A general Fc engineering platform for the next generation of antibody therapeutics. <i>Theranostics</i> , 2021, 11, 1901-1917.	4.6	15
17	Autocrine-Based Selection of Drugs That Target Ion Channels from Combinatorial Venom Peptide Libraries. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9306-9310.	7.2	14
18	Phenotypic selection with an intrabody library reveals an anti-apoptotic function of PKM2 requiring Mitofusin-1. <i>PLoS Biology</i> , 2019, 17, e2004413.	2.6	14

#	ARTICLE	IF	CITATIONS
19	A proximity based general method for identification of ligand and receptor interactions in living cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 251-255.	1.0	13
20	Interleukin-5 suppresses Vascular Endothelial Growth Factor-induced angiogenesis through STAT5 signaling. <i>Cytokine</i> , 2018, 110, 397-403.	1.4	12
21	Molecular deconvolution of the neutralizing antibodies induced by an inactivated SARS-CoV-2 virus vaccine. <i>Protein and Cell</i> , 2021, 12, 818-823.	4.8	10
22	Affinity maturation of an TpoR targeting antibody in full-length IgG form for enhanced agonist activity. <i>Protein Engineering, Design and Selection</i> , 2018, 31, 233-241.	1.0	9
23	High-throughput reformatting of phage-displayed antibody fragments to IgGs by one-step emulsion PCR. <i>Protein Engineering, Design and Selection</i> , 2018, 31, 427-436.	1.0	5
24	The interaction between Vav1 and EBNA1 promotes survival of Burkitt's lymphoma cells by down-regulating the expression of Bim. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 787-793.	1.0	4
25	Activating pleiotropic receptors to kill cancer cells. <i>Cell Cycle</i> , 2016, 15, 158-159.	1.3	2
26	In vivo selection of phage sequences and characterization of peptide-specific binding to breast cancer cells. <i>Chinese Journal of Clinical Oncology</i> , 2008, 5, 128-131.	0.0	1
27	Autocrine-Based Selection of Drugs That Target Ion Channels from Combinatorial Venom Peptide Libraries. <i>Angewandte Chemie</i> , 2016, 128, 9452-9456.	1.6	1
28	Identification of novel Kv1.3 targeting venom peptides by a single round of autocrine-based selection. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 954-959.	1.0	1
29	REGULATING CELLULAR LIFE DEATH AND DEVELOPMENT USING INTRACELLULAR COMBINATORIAL ANTIBODY LIBRARIES. , 2014, , .		0
30	Titelbild: Autocrine-Based Selection of Drugs That Target Ion Channels from Combinatorial Venom Peptide Libraries (<i>Angew. Chem.</i> 32/2016). <i>Angewandte Chemie</i> , 2016, 128, 9245-9245.	1.6	0
31	A Proximity-Based Assay for Identification of Ligand and Membrane Protein Interaction in Living Cells. <i>Methods in Molecular Biology</i> , 2017, 1575, 215-222.	0.4	0
32	An agonist antibody prefers relapsed AML for induction of cells that kill each other. <i>Scientific Reports</i> , 2019, 9, 3494.	1.6	0
33	Gene therapy with B-cell maturation antigen/ <sc>CD3</sc> bispecific antibody encoding plasmid <sc>DNA</sc> for treating multiple myeloma. <i>British Journal of Haematology</i> , 0, , .	1.2	0