Byungkook Lee

List of Publications by Year
in descending order

24 papers	1,159 citations	471509 17 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1298 citing authors

#	Article	IF	Citations
1	Engineering antibody Fv fragments for cancer detection and therapy: Bisulfide-stabilized Fv fragments. Nature Biotechnology, 1996, 14, 1239-1245.	17.5	143
2	Stabilization of the Fv fragments in recombinant immunotoxins by disulfide bonds engineered into conserved framework regions. Biochemistry, 1994, 33, 5451-5459.	2.5	134
3	Recombinant immunotoxin for cancer treatment with low immunogenicity by identification and silencing of human T-cell epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8571-8576.	7.1	104
4	Protein structure alignment using environmental profiles. Protein Engineering, Design and Selection, 2000, 13, 535-543.	2.1	103
5	Engineering interchain disulfide bonds into conserved framework regions of Fv fragments: improved biochemical characteristics of recombinant immunotoxins containing disulfide-stabilized Fv. Protein Engineering, Design and Selection, 1994, 7, 697-704.	2.1	94
6	Assessment of template‐free modeling in CASP10 and ROLL. Proteins: Structure, Function and Bioinformatics, 2014, 82, 57-83.	2.6	79
7	A Frizzled‐Like Cysteine‐Rich Domain in Glypican‐3 Mediates Wnt Binding and Regulates Hepatocellular Carcinoma Tumor Growth in Mice. Hepatology, 2019, 70, 1231-1245.	7.3	74
8	Circularly permuted proteins in the protein structure database. Protein Science, 2001, 10, 1881-1886.	7.6	67
9	Disulfide stabilization of antibody Fv: computer predictions and experimental evaluation. Protein Engineering, Design and Selection, 1995, 8, 1323-1331.	2.1	51
10	Antigen Shedding May Improve Efficiencies for Delivery of Antibody-Based Anticancer Agents in Solid Tumors. Cancer Research, 2012, 72, 3143-3152.	0.9	40
11	Cavities of α1-antitrypsin that play structural and functional roles. Protein Science, 2008, 10, 1446-1453.	7.6	38
12	PRAC: A novel small nuclear protein that is specifically expressed in human prostate and colon. Prostate, 2001, 47, 125-131.	2.3	36
13	GDEP, a new gene differentially expressed in normal prostate and prostate cancer. Prostate, 2001, 48, 231-241.	2.3	31
14	A recombinant immunotoxin engineered for increased stability by adding a disulfide bond has decreased immunogenicity. Protein Engineering, Design and Selection, 2012, 25, 1-6.	2.1	30
15	Crystal structure of the disulfide-stabilized Fv fragment of anticancer antibody B1: Conformational influence of an engineered disulfide bond. Proteins: Structure, Function and Bioinformatics, 1998, 31, 128-138.	2.6	26
16	Poor correlation between T-cell activation assays and HLA-DR binding prediction algorithms in an immunogenic fragment of Pseudomonas exotoxin A. Journal of Immunological Methods, 2015, 425, 10-20.	1.4	23
17	SymD webserver: a platform for detecting internally symmetric protein structures. Nucleic Acids Research, 2014, 42, W296-W300.	14.5	19
18	Construction of a functional disulfide-stabilized TCR Fv indicates that antibody and tcr fv frameworks are very similar in structure. Immunity, 1995, 2, 281-287.	14.3	17

#	Article	IF	Citations
19	Modeling Recombinant Immunotoxin Efficacies in Solid Tumors. Annals of Biomedical Engineering, 2008, 36, 486-512.	2.5	13
20	Effect of Antigen Shedding on Targeted Delivery of Immunotoxins in Solid Tumors from a Mathematical Model. PLoS ONE, 2014, 9, e110716.	2.5	13
21	Protein domain assignment from the recurrence of locally similar structures. Proteins: Structure, Function and Bioinformatics, 2011, 79, 853-866.	2.6	12
22	Molecular Models of STAT5A Tetramers Complexed to DNA Predict Relative Genome-Wide Frequencies of the Spacing between the Two Dimer Binding Motifs of the Tetramer Binding Sites. PLoS ONE, 2016, 11, e0160339.	2.5	8
23	A survey of recent work on evolutionary approaches to the protein folding problem. , 0, , .		4
24	A New Efficient Conformational Search Method for <i>ab initio</i> Protein Folding Study: Window Growth Evolutionary Algorithm. Bulletin of the Korean Chemical Society, 2016, 37, 1971-1976.	1.9	0