

Fangling Ji

List of Publications by Year in descending order

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33
papers

419
citations

687363

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#	ARTICLE	IF	CITATIONS
1	Biocompatible cationic pullulan-g-desoxycholic acid-g-PEI micelles used to co-deliver drug and gene for cancer therapy. <i>Materials Science and Engineering C</i> , 2017, 70, 418-429.	7.3	54
2	The Human W42R $\hat{\text{I}}^{\text{3D}}$ -Crystallin Mutant Structure Provides a Link between Congenital and Age-related Cataracts*. <i>Journal of Biological Chemistry</i> , 2013, 288, 99-109.	3.4	51
3	Structural and Biochemical Characterization of the Childhood Cataract-Associated R76S Mutant of Human $\hat{\text{I}}^{\text{3D}}$ -Crystallin. <i>Biochemistry</i> , 2012, 51, 2588-2596.	2.5	31
4	Esterification degree of fructose laurate exerted by <i>Candida antarctica</i> lipase B in organic solvents. <i>Enzyme and Microbial Technology</i> , 2015, 69, 46-53.	3.2	29
5	Purification and characterization of a novel organic solvent-tolerant and cold-adapted lipase from <i>Psychrobacter</i> sp. ZY124. <i>Extremophiles</i> , 2018, 22, 287-300.	2.3	23
6	Directional modification of chrysin for exerting apoptosis and enhancing significantly anti-cancer effects of 10-hydroxy camptothecin. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 693-703.	5.6	21
7	Nanobody-Based high-performance immunosorbent for selective beta 2-microglobulin purification from blood. <i>Acta Biomaterialia</i> , 2020, 107, 232-241.	8.3	20
8	Crystal structure of the cataract-causing P23T $\hat{\text{I}}^{\text{3D}}$ -crystallin mutant. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1493-1498.	2.6	19
9	Combination of baicalein and 10-hydroxy camptothecin exerts remarkable synergetic anti-cancer effects. <i>Phytomedicine</i> , 2016, 23, 1778-1786.	5.3	18
10	Efficient mono-acylation of fructose by lipase-catalyzed esterification in ionic liquid co-solvents. <i>Carbohydrate Research</i> , 2015, 416, 51-58.	2.3	17
11	Quercetin exerts synergetic anti-cancer activity with 10-hydroxy camptothecin. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 223-232.	4.0	16
12	High Expression Achievement of Active and Robust Anti- $\hat{\text{I}}^{\text{2}}$ microglobulin Nanobodies via <i>E.coli</i> Hosts Selection. <i>Molecules</i> , 2019, 24, 2860.	3.8	16
13	Characterization of a salt-activated protease with temperature-dependent secretion in <i>Stenotrophomonas maltophilia</i> FF11 isolated from frozen Antarctic krill. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 829-840.	3.0	13
14	Structural and enzymatic characterization of acetolactate decarboxylase from <i>Bacillus subtilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6479-6491.	3.6	13
15	Freezing-assisted synthesis of covalent C-C linked bivalent and bispecific nanobodies. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 257-263.	2.8	11
16	Efficient continuous-flow aldehyde tag conversion using immobilized formylglycine generating enzyme. <i>Catalysis Science and Technology</i> , 2020, 10, 484-492.	4.1	11
17	Characterization and comparison of two peptide-tag specific nanobodies for immunoaffinity chromatography. <i>Journal of Chromatography A</i> , 2020, 1624, 461227.	3.7	7
18	Rational design of <i>Meso</i> - $\hat{\text{E}}^{\text{2,3}}$ -butanediol dehydrogenase by molecular dynamics simulation and experimental evaluations. <i>FEBS Letters</i> , 2017, 591, 3402-3413.	2.8	6

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19	Studies on structure-function relationships of acetolactate decarboxylase from <i>Enterobacter cloacae</i> . RSC Advances, 2018, 8, 39066-39073.	3.6	6
20	Facile and Controllable Fabrication of Protein-Only Nanoparticles through Photo-Induced Crosslinking of Albumin and Their Application as DOX Carriers. Nanomaterials, 2019, 9, 797.	4.1	5
21	Nanobody-loaded immunosorbent for highly-specific removal of interleukin-17A from blood. Journal of Chromatography A, 2021, 1654, 462478.	3.7	5
22	Generation and Application of Fluorescent Anti-Human β 2-Microglobulin VHHs via Amino Modification. Molecules, 2019, 24, 2600.	3.8	4
23	Structure and catalytic mechanistic insight into <i>Enterobacter aerogenes</i> acetolactate decarboxylase. Enzyme and Microbial Technology, 2019, 126, 9-17.	3.2	4
24	LotS/LotR/Clp, a novel signal pathway responding to temperature, modulating protease expression via c-di-GMP mediated manner in <i>Stenotrophomonas maltophilia</i> FF11. Microbiological Research, 2018, 214, 60-73.	5.3	3
25	Benzotriazole-5-carboxylic as a mixed-mode ligand for chromatographic separation of antibody with enhanced adsorption capacity. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1179, 122652.	2.3	3
26	Nanobodies as solubilization chaperones for the expression and purification of inclusion-body prone proteins. Chemical Communications, 2022, 58, 2898-2901.	4.1	3
27	Single and dual functionalization of proteins using site-specific nucleophilic carbon ligations. Chemical Communications, 2022, 58, 6316-6319.	4.1	3
28	Peptide Linker Affecting the Activity Retention Rate of VHH in Immunosorbents. Biomolecules, 2020, 10, 1610.	4.0	2
29	Tyrosine-Based Dual-Functional Interface for Trapping and On-Site Photo-Induced Covalent Immobilization of Proteins. Bioconjugate Chemistry, 2022, 33, 829-838.	3.6	2
30	An engineered peptide tag-specific nanobody for immunoaffinity chromatography application enabling efficient product recovery at mild conditions. Journal of Chromatography A, 2022, 1676, 463274.	3.7	2
31	Nanobodies: From Serendipitous Discovery of Heavy Chain-Only Antibodies in Camelids to a Wide Range of Useful Applications. Methods in Molecular Biology, 2022, 2446, 3-17.	0.9	1
32	Cytoplasmic Expression of Nanobodies with Formylglycine Generating Enzyme Tag and Conversion to a Bio-Orthogonal Aldehyde Group. Methods in Molecular Biology, 2022, 2446, 357-371.	0.9	0
33	Toxicity elimination of phenanthrene to wheat mediated by enhanced <i>Pseudomonas</i> sp. JM2-gfp biofilm degradation. International Journal of Environmental Science and Technology, 0, , 1.	3.5	0