

Rongxiu Li

List of Publications by Year in descending order

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45
papers

1,073
citations

623734

14
h-index

414414

32
g-index

47
all docs

47
docs citations

47
times ranked

1327
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, and application of a Protein A mimetic. <i>Nature Biotechnology</i> , 1998, 16, 190-195.	17.5	299
2	Effective acid-catalyzed transesterification for biodiesel production. <i>Energy Conversion and Management</i> , 2009, 50, 2680-2684.	9.2	131
3	Molecularly imprinted polymer microspheres for solid-phase extraction of chloramphenicol residues in foods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 24-30.	2.3	97
4	Development and characterisation of molecularly imprinted polymers based on methacrylic acid for selective recognition of drugs. <i>Biomaterials</i> , 2007, 28, 3741-3749.	11.4	81
5	Phylogenetic analysis of a free-living strain of <i>Symbiodinium</i> isolated from Jiaozhou Bay, P.R. China. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 296, 135-144.	1.5	39
6	Affinity purification of egg yolk immunoglobulins (IgY) with a stable synthetic ligand. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 870, 51-54.	2.3	37
7	Extraction of chlorpromazine with a new molecularly imprinted polymer from pig urine. <i>Process Biochemistry</i> , 2008, 43, 1209-1214.	3.7	36
8	Detection of two <i>Prorocentrum</i> species using sandwich hybridization integrated with nuclease protection assay. <i>Harmful Algae</i> , 2006, 5, 300-309.	4.8	34
9	IL-15 signaling promotes adoptive effector T-cell survival and memory formation in irradiation-induced lymphopenia. <i>Cell and Bioscience</i> , 2016, 6, 30.	4.8	32
10	Affinity purification of serine proteinase from <i>Deinagkistrodon acutus</i> venom. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 859, 111-118.	2.3	22
11	Using trifluoroacetic acid to pretreat lignocellulosic biomass. <i>Biomass and Bioenergy</i> , 2009, 33, 1719-1723.	5.7	20
12	A Rationally Designed TNF- α Epitope-Scaffold Immunogen Induces Sustained Antibody Response and Alleviates Collagen-Induced Arthritis in Mice. <i>PLoS ONE</i> , 2016, 11, e0163080.	2.5	20
13	Vitreous and serum levels of transthyretin (TTR) in high myopia patients are correlated with ocular pathologies. <i>Clinical Biochemistry</i> , 2011, 44, 681-685.	1.9	19
14	Mutational Analysis of Highly Conserved Residues in the Phage PhiC31 Integrase Reveals Key Amino Acids Necessary for the DNA Recombination. <i>PLoS ONE</i> , 2010, 5, e8863.	2.5	16
15	The Immunogenicity and Anti-tumor Efficacy of a Rationally Designed Neoantigen Vaccine for B16F10 Mouse Melanoma. <i>Frontiers in Immunology</i> , 2019, 10, 2472.	4.8	15
16	Newly Combined Method of Molecularly Imprinted Solid-Phase Extraction with ELISA for Rapid Detection of Clenbuterol in Animal-Tissue Samples. <i>Analytical Letters</i> , 2009, 42, 600-614.	1.8	14
17	Recombinant KRAS G12D Protein Vaccines Elicit Significant Anti-Tumor Effects in Mouse CT26 Tumor Models. <i>Frontiers in Oncology</i> , 2020, 10, 1326.	2.8	14
18	Design and synthesis of affinity ligands and relation of their structure with adsorption of proteins. <i>Journal of Separation Science</i> , 2011, 34, 3145-3150.	2.5	13

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19	Identification and quantification of the toxic dinoflagellate <i>Gymnodinium</i> sp. with competitive enzyme-linked immunosorbent assay (cELISA). <i>Harmful Algae</i> , 2005, 4, 297-307.	4.8	12
20	Biomimetic affinity purification of cardiotoxin and its pharmacological effects on the nervous system. <i>Journal of Molecular Recognition</i> , 2008, 21, 148-153.	2.1	11
21	A PD-L1-Based Cancer Vaccine Elicits Antitumor Immunity in a Mouse Melanoma Model. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 222-232.	4.4	11
22	Utilizing a library of synthetic affinity ligands for the enrichment, depletion and one-step purification of leech proteins. <i>Journal of Molecular Recognition</i> , 2008, 21, 163-168.	2.1	10
23	Pre-fractionation of rat liver cytosol proteins prior to mass spectrometry-based proteomic analysis using tandem biomimetic affinity chromatography. <i>Journal of Molecular Recognition</i> , 2010, 23, 93-100.	2.1	10
24	Cytotoxic T cell responses are enhanced by antigen design involving the presentation of MUC1 peptide on cholera toxin B subunit. <i>Oncotarget</i> , 2015, 6, 34537-34548.	1.8	9
25	Detection of two diatoms using sandwich hybridization integrated with nuclease protection assay (NPA-SH). <i>Hydrobiologia</i> , 2007, 575, 1-11.	2.0	7
26	A novel fractionation method prior to MS-based proteomics analysis using cascade biomimetic affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3799-3805.	2.3	7
27	Structural and biological characterization of a novel acutobin-like enzyme isolated from the venom of the sharp-nosed pit viper (<i>Deinagkistrodon acutus</i>). <i>Biotechnology and Applied Biochemistry</i> , 2009, 53, 123.	3.1	7
28	Improving basic and membrane protein MS detection of the culture filtrate proteins from <i>Mycobacterium tuberculosis</i> H37Rv by biomimetic affinity prefractionation. <i>Proteomics</i> , 2017, 17, e1600177.	2.2	7
29	The Immunogenicity and Anti-Tumor Efficacy of a Rationally Designed EGFR Vaccine. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 46-56.	1.6	7
30	Utilizing RNA/DNA hybridization to directly quantify mRNA levels in microbial fermentation samples. <i>Journal of Microbiological Methods</i> , 2009, 79, 205-210.	1.6	6
31	Combined usage of cascade affinity fractionation and LC-MS/MS for the proteomics of adult mouse testis. <i>Journal of Separation Science</i> , 2009, 32, 3871-3879.	2.5	5
32	FKBP51 promotes invasion and migration by increasing the autophagic degradation of TIMP3 in clear cell renal cell carcinoma. <i>Cell Death and Disease</i> , 2021, 12, 899.	6.3	5
33	Application of Weighted Gene Coexpression Network Analysis to Identify Key Modules and Hub Genes in Systemic Juvenile Idiopathic Arthritis. <i>BioMed Research International</i> , 2021, 2021, 1-13.	1.9	4
34	Identification and Characterization of Bioactive Compounds Targeting Uropathogenic <i>Escherichia coli</i> from Sanjin Tablets. <i>Journal of Chemistry</i> , 2015, 2015, 1-12.	1.9	3
35	emPAI-assisted strategy enhances screening and assessment of <i>Mycobacterium tuberculosis</i> infection serological markers. <i>Microbial Biotechnology</i> , 2021, 14, 1827-1838.	4.2	3
36	Measurement of the onset temperature of irreversible inactivation of proteins using FITC as a fluorescent reporter. <i>Analytical Methods</i> , 2016, 8, 3809-3815.	2.7	2

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37	Identification of <i>M. tuberculosis</i> antigens in the sera of tuberculosis patients using biomimetic affinity chromatography in conjunction with ESI-CID-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 452-458.	2.3	2
38	Recombinant Costimulatory Fusion Proteins as Functional Immunomodulators Enhance Antitumor Activity in Murine B16F10 Melanoma. <i>Vaccines</i> , 2020, 8, 223.	4.4	2
39	Vaccine targeting TNF epitope 14 do not suppress host defense against <i>Mycobacterium bovis</i> Bacillus Calmette-Guérin infection. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 371-383.	7.5	2
40	An easily-automated assay for the physiological state quantification of <i>Pseudomonas</i> sp. M18. <i>Analytica Chimica Acta</i> , 2008, 630, 40-46.	5.4	1
41	Study of rat neuronal genes with ordered differential display method. <i>Science in China Series C: Life Sciences</i> , 2001, 44, 601-609.	1.3	0
42	Rapid monitoring of mRNA levels with a molecular beacon during microbial fermentation. <i>Journal of Biotechnology</i> , 2010, 145, 310-316.	3.8	0
43	A fluorescence-based method for the characterization of amino loading density on the flat surface of functionalized glass tubes. <i>Analytical Methods</i> , 2011, 3, 2524.	2.7	0
44	Staged-probability strategy of processing shotgun proteomic data to discover more functionally important proteins. <i>Protein and Cell</i> , 2012, 3, 140-147.	11.0	0
45	Selection of high-producing clones by a relative titer predictive model using image analysis. <i>Annals of Translational Medicine</i> , 2021, 9, 1144-1144.	1.7	0