

Beibei Liu

List of Publications by Year in descending order

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papers

441
citations

623574

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#	ARTICLE	IF	CITATIONS
1	Highly Specific Monoclonal Antibody and Sensitive Quantum Dot Beads-Based Fluorescence Immunochromatographic Test Strip for Tebuconazole Assay in Agricultural Products. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9096-9103.	2.4	44
2	Phage-Mediated Competitive Chemiluminescent Immunoassay for Detecting Cry1Ab Toxin by Using an Anti-Idiotypic Camel Nanobody. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 950-956.	2.4	33
3	A gold immunochromatographic assay for simultaneous detection of parathion and triazophos in agricultural products. <i>Analytical Methods</i> , 2018, 10, 422-428.	1.3	32
4	Production and Characterization of Monoclonal Antibody Broadly Recognizing Cry1 Toxins by Use of Designed Polypeptide as Hapten. <i>Analytical Chemistry</i> , 2016, 88, 7023-7032.	3.2	30
5	Establishment and comparison of air-liquid interface culture systems for primary and immortalized swine tracheal epithelial cells. <i>BMC Cell Biology</i> , 2018, 19, 10.	3.0	30
6	Established a new double antibodies sandwich enzyme-linked immunosorbent assay for detecting <i>Bacillus thuringiensis</i> (Bt) Cry1Ab toxin based single-chain variable fragments from a naïve mouse phage displayed library. <i>Toxicon</i> , 2014, 81, 13-22.	0.8	27
7	Uniform Orientation of Biotinylated Nanobody as an Affinity Binder for Detection of <i>Bacillus thuringiensis</i> (Bt) Cry1Ac Toxin. <i>Toxins</i> , 2014, 6, 3208-3222.	1.5	23
8	Screening for single-chain variable fragment antibodies against multiple Cry1 toxins from an immunized mouse phage display antibody library. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3363-3374.	1.7	22
9	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) moonlights as an adhesin in <i>Mycoplasma hyorhinis</i> adhesion to epithelial cells as well as a plasminogen receptor mediating extracellular matrix degradation. <i>Veterinary Research</i> , 2021, 52, 80.	1.1	21
10	Construction of an Immunized Rabbit Phage Display Library for Selecting High Activity against <i>Bacillus thuringiensis</i> Cry1F Toxin Single-Chain Antibodies. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6016-6022.	2.4	19
11	The <i>Riemerella anatipestifer</i> AS87_01735 Gene Encodes Nicotinamidase PncA, an Important Virulence Factor. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5815-5823.	1.4	17
12	The environmental fate of thymol, a novel botanical pesticide, in tropical agricultural soil and water. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 223-232.	0.6	17
13	Establishment of a sandwich enzyme-linked immunosorbent assay for specific detection of <i>Bacillus thuringiensis</i> (Bt) Cry1Ab toxin utilizing a monoclonal antibody produced with a novel hapten designed with molecular model. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1985-1994.	1.9	16
14	Remediation effectiveness of vermicompost for a potentially toxic metal-contaminated tropical acidic soil in China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109394.	2.9	16
15	Quantum Dot Submicrobead-Based Immunochromatographic Assay for the Determination of Parathion in Agricultural Products. <i>Food Analytical Methods</i> , 2020, 13, 1736-1745.	1.3	15
16	Establishment and characterization of a telomerase-immortalized porcine bronchial epithelial cell line. <i>Journal of Cellular Physiology</i> , 2018, 233, 9763-9776.	2.0	12
17	Phage-displayed nanobody based double antibody sandwich chemiluminescent immunoassay for the detection of Cry2A toxin in cereals. <i>Food and Agricultural Immunology</i> , 2019, 30, 924-936.	0.7	12
18	Cholesterol exacerbates <i>Mycoplasma hyopneumoniae</i> -induced apoptosis via stimulating proliferation and adhesion to porcine alveolar macrophages. <i>Veterinary Microbiology</i> , 2017, 211, 112-118.	0.8	11

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19	Hsp90/Sec22b promotes unconventional secretion of mature-IL-1 β through an autophagosomal carrier in porcine alveolar macrophages during Mycoplasma hyopneumoniae infection. Molecular Immunology, 2018, 101, 130-139.	1.0	11
20	Selection and application of broad-specificity human domain antibody for simultaneous detection of Bt Cry toxins. Analytical Biochemistry, 2016, 512, 70-77.	1.1	10
21	Quantum dot bead-based immunochromatographic assay for the quantitative detection of triazophos. Food and Agricultural Immunology, 2019, 30, 955-967.	0.7	10
22	Paracellular Pathway-Mediated Mycoplasma hyopneumoniae Migration across Porcine Airway Epithelial Barrier under Air-Liquid Interface Conditions. Infection and Immunity, 2020, 88, .	1.0	10
23	Sensitive Immunochromatographic Assay Using Highly Luminescent Quantum Dot Nanobeads as Tracer for the Detection of Cyproheptadine Hydrochloride in Animal-Derived Food. Frontiers in Chemistry, 2020, 8, 575.	1.8	3
24	Using a quantum dot bead-based lateral flow immunoassay to broadly detect the adulteration of PDE-5 inhibitors in functional foods. Analytical Methods, 0, , .	1.3	0