Ting Xu

List of Publications by Year in descending order

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37 papers	914 citations	361413 20 h-index	477307 29 g-index
38 all docs	38 docs citations	38 times ranked	897 citing authors

#	Article	IF	Citations
1	Fusion expression of nanobodies specific for the insecticide fipronil on magnetosomes in Magnetospirillum gryphiswaldense MSR-1. Journal of Nanobiotechnology, 2021, 19, 27.	9.1	10
2	Development of a nanobody-based ELISA for the detection of the insecticides cyantraniliprole and chlorantraniliprole in soil and the vegetable bok choy. Analytical and Bioanalytical Chemistry, 2021, 413, 2503-2511.	3.7	15
3	Total and denitrifying bacterial communities associated with the interception of nitrate leaching by carbon amendment in the subsoil. Applied Microbiology and Biotechnology, 2021, 105, 2559-2572.	3.6	7
4	Dynamics of Diversity and Abundance of Sulfonamide Resistant Bacteria in a Silt Loam Soil Fertilized by Compost. Antibiotics, 2021, 10, 699.	3.7	6
5	Phosphorus excess changes rock phosphate solubilization level and bacterial community mediating phosphorus fractions mobilization during composting. Bioresource Technology, 2021, 337, 125433.	9.6	49
6	Construction of Immunomagnetic Particles with High Stability in Stringent Conditions by Site-Directed Immobilization of Multivalent Nanobodies onto Bacterial Magnetic Particles for the Environmental Detection of Tetrabromobisphenol-A. Analytical Chemistry, 2020, 92, 1114-1121.	6.5	31
7	Comparison of the Total, Diazotrophic and Ammonia-Oxidizing Bacterial Communities Between Under Organic and Conventional Greenhouse Farming. Frontiers in Microbiology, 2020, 11, 1861.	3.5	4
8	N-Benzyl-linoleamide, a Constituent of Lepidium meyenii (Maca), Is an Orally Bioavailable Soluble Epoxide Hydrolase Inhibitor That Alleviates Inflammatory Pain. Journal of Natural Products, 2020, 83, 3689-3697.	3.0	9
9	Monitoring of the Organophosphate Pesticide Chlorpyrifos in Vegetable Samples from Local Markets in Northern Thailand by Developed Immunoassay. International Journal of Environmental Research and Public Health, 2020, 17, 4723.	2.6	37
10	Insights into bacterial diversity in compost: Core microbiome and prevalence of potential pathogenic bacteria. Science of the Total Environment, 2020, 718, 137304.	8.0	75
11	Development of a one-step immunoassay for triazophos using camel single-domain antibodyâ€“alkaline phosphatase fusion protein. Analytical and Bioanalytical Chemistry, 2019, 411, 1287-1295.	3.7	19
12	Cyclic peptide: a safe and effective alternative to synthetic aflatoxin B1-competitive antigens. Analytical and Bioanalytical Chemistry, 2019, 411, 3881-3890.	3.7	9
13	One-step immunoassay for the insecticide carbaryl using a chicken single-chain variable fragment (scFv) fused to alkaline phosphatase. Analytical Biochemistry, 2019, 572, 9-15.	2.4	26
14	Engineered magnetosomes fused to functional molecule (protein A) provide a highly effective alternative to commercial immunomagnetic beads. Journal of Nanobiotechnology, 2019, 17, 37.	9.1	27
15	Development of an immunoassay for the detection of carbaryl in cereals based on a camelid variable heavyâ€chain antibody domain. Journal of the Science of Food and Agriculture, 2019, 99, 4383-4390.	3.5	18
16	Microbial taxonomic, nitrogen cycling and phosphorus recycling community composition during long-term organic greenhouse farming. FEMS Microbiology Ecology, 2019, 95, .	2.7	40
17	Enrichment of phosphate solubilizing bacteria during late developmental stages of eggplant (Solanum melongena L.). FEMS Microbiology Ecology, 2019, 95, .	2.7	27
18	Quantitative Detection of Fipronil and Fipronil-Sulfone in Sera of Black-Tailed Prairie Dogs and Rats after Oral Exposure to Fipronil by Camel Single-Domain Antibody-Based Immunoassays. Analytical Chemistry, 2019, 91, 1532-1540.	6.5	38

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19	Mutation of Phenylalanine-223 to Leucine Enhances Transformation of Benzo[a]pyrene by Ring-Hydroxylating Dioxygenase of Sphingobium sp. FB3 by increasing Accessibility of the Catalytic Site. Journal of Agricultural and Food Chemistry, 2018, 66, 1206-1213.	5.2	10
20	Strong and oriented conjugation of nanobodies onto magnetosomes for the development of a rapid immunomagnetic assay for the environmental detection of tetrabromobisphenol-A. Analytical and Bioanalytical Chemistry, 2018, 410, 6633-6642.	3.7	26
21	A camelid VHH-based fluorescence polarization immunoassay for the detection of tetrabromobisphenol A in water. Analytical Methods, 2016, 8, 7265-7271.	2.7	6
22	Immunoanalysis for environmental monitoring and human health. Analytical and Bioanalytical Chemistry, 2016, 408, 5959-5961.	3.7	2
23	Selection of phage-displayed peptides for the detection of imidacloprid in water and soil. Analytical Biochemistry, 2015, 485, 28-33.	2.4	16
24	One-Step Immunoassay for Tetrabromobisphenol A Using a Camelid Single Domain Antibodyâ€“Alkaline Phosphatase Fusion Protein. Analytical Chemistry, 2015, 87, 4741-4748.	6.5	41
25	EXTRACTION, PURIFICATION, AND CHARACTERIZATION OF A TRYPSIN INHIBITOR FROM COWPEA SEEDS (Vigna unguiculata). Preparative Biochemistry and Biotechnology, 2014, 44, 1-15.	1.9	6
26	Heterologous Antigen Selection of Camelid Heavy Chain Single Domain Antibodies against Tetrabromobisphenol A. Analytical Chemistry, 2014, 86, 8296-8302.	6.5	61
27	Simultaneous development of both competitive and noncompetitive immunoassays for 2,2â€²,4,4â€²-tetrabromodiphenyl ether using phage-displayed peptides. Analytical and Bioanalytical Chemistry, 2013, 405, 9579-9583.	3.7	16
28	Nanocolloidal gold-based immuno-dip strip assay for rapid detection of Sudan red I in food samples. Food Chemistry, 2013, 136, 1478-1483.	8.2	33
29	A highly sensitive and selective immunoassay for the detection of tetrabromobisphenol A in soil and sediment. Analytica Chimica Acta, 2012, 751, 119-127.	5.4	42
30	A sensitive and selective enzyme-linked immunosorbent assay for the analysis of para red in foods. Analyst, The, 2012, 137, 2136.	3.5	20
31	Strip-based immunoassay for the simultaneous detection of the neonicotinoid insecticides imidacloprid and thiamethoxam in agricultural products. Talanta, 2012, 101, 85-90.	5.5	43
32	Development of a monoclonal antibody-based, congener-specific and solvent-tolerable direct enzyme-linked immunosorbent assay for the detection of 2,2â€²,4,4â€²-tetrabromodiphenyl ether in environmental samples. Analytical and Bioanalytical Chemistry, 2011, 401, 2249-2258.	3.7	9
33	Development of an enzyme-linked immunosorbent assay specific to Sudan red I. Analytical Biochemistry, 2010, 405, 41-49.	2.4	31
34	Suitability of a magnetic particle immunoassay for the analysis of PBDEs in Hawaiian euryhaline fish and crabs in comparison with gas chromatography/electron capture detection-ion trap mass spectrometry. Environmental Pollution, 2009, 157, 417-422.	7.5	29
35	Application of enzyme-linked immunosorbent assay for quantification of the insecticides imidacloprid and thiamethoxam in honey samples. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2009, 26, 713-718.	2.3	22
36	Application of an Enzyme-linked Immunosorbent Assay for the Analysis of Imidacloprid in Wiliwili Tree, Erythrina sandwicensis O. Deg, for Control of the Wasp Quadrastichus erythrinae. Journal of Agricultural and Food Chemistry, 2006, 54, 8444-8449.	5.2	21

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37	Automated flow fluorescent immunoassay for part per trillion detection of the neonicotinoid insecticide thiamethoxam. Analytica Chimica Acta, 2006, 571, 66-73.	5.4	33