Qing X Li

List of Publications by Year
in descending order

260 papers	8,345 citations	57758 44 h-index	71685 76 g-index
264 all docs	264 docs citations	264 times ranked	9497 citing authors

#	Article	IF	Citations
1	Bacterial Degradation of Aromatic Compounds. International Journal of Environmental Research and Public Health, 2009, 6, 278-309.	2.6	729
2	Potential impact of the herbicide 2,4-dichlorophenoxyacetic acid on human and ecosystems. Environment International, 2018, 111, 332-351.	10.0	268
3	Reductive Debromination of Polybrominated Diphenyl Ethers by Zerovalent Iron. Environmental Science & Technology, 2005, 39, 2280-2286.	10.0	253
4	Antibiotics and Food Safety in Aquaculture. Journal of Agricultural and Food Chemistry, 2020, 68, 11908-11919.	5.2	215
5	Rapid biodegradation of organophosphorus pesticides by Stenotrophomonas sp. G1. Journal of Hazardous Materials, 2015, 297, 17-24.	12.4	171
6	Pressurized fluid extraction of carotenoids from Haematococcus pluvialis and Dunaliella salina and kavalactones from Piper methysticum. Analytica Chimica Acta, 2004, 501, 175-181.	5.4	149
7	Insecticidal Activity of Basil Oil, <I>trans</I>-Anethole, Estragole, and Linalool to Adult Fruit Flies of <I>Ceratitis capitata</I>, <I>Bactrocera dorsalis</I>, and <I>Bactrocera cucurbitae</I>. Journal of Economic Entomology, 2009, 102, 203-209.	1.8	137
8	Chemical Composition, Characterization, and Differentiation of Honey Botanical and Geographical Origins. Advances in Food and Nutrition Research, 2011, 62, 89-137.	3.0	111
9	Fungal laccase-catalyzed degradation of hydroxy polychlorinated biphenyls. Chemosphere, 2004, 56, 23-30.	8.2	109
10	Phenanthrene degradation in Arthrobacter sp. P1-1: Initial 1,2-, 3,4- and 9,10-dioxygenation, and meta- and ortho-cleavages of naphthalene-1,2-diol after its formation from naphthalene-1,2-dicarboxylic acid and hydroxyl naphthoic acids. Chemosphere, 2006, 65, 2388-2394.	8.2	109
11	Polycyclic aromatic hydrocarbon-degrading species isolated from Hawaiian soils: Mycobacterium crocinum sp. nov., Mycobacterium pallens sp. nov., Mycobacterium rutilum sp. nov., Mycobacterium rufum sp. nov. and Mycobacterium aromaticivorans sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 378-387.	1.7	105
12	Rapid Analysis of Glucose, Fructose, Sucrose, and Maltose in Honeys from Different Geographic Regions using Fourier Transform Infrared Spectroscopy and Multivariate Analysis. Journal of Food Science, 2010, 75, C208-14.	3.1	104
13	Rapid Determination of the Geographical Origin of Honey Based on Protein Fingerprinting and Barcoding Using MALDI TOF MS. Journal of Agricultural and Food Chemistry, 2009, 57, 10081-10088.	5.2	96
14	Concentrations, distribution, sources and risk assessment of organohalogenated contaminants in soils from Kenya, Eastern Africa. Environmental Pollution, 2016, 209, 177-185.	7.5	96
15	Comparison between conventional indirect competitive enzyme-linked immunosorbent assay (icELISA) and simplified icELISA for small molecules. Analytica Chimica Acta, 2006, 571, 79-85.	5.4	95
16	Isolation and Characterization of Bacteria Capable of Degrading Polycyclic Aromatic Hydrocarbons (PAHs) and Organophosphorus Pesticides from PAH-Contaminated Soil in Hilo, Hawaii. Journal of Agricultural and Food Chemistry, 2007, 55, 5383-5389.	5.2	94
17	Characterization of aerobic granular sludge used for the treatment of petroleum wastewater. Bioresource Technology, 2019, 271, 353-359.	9.6	93
18	Chemical Nematicides: Recent Research Progress and Outlook. Journal of Agricultural and Food Chemistry, 2020, 68, 12175-12188.	5.2	93

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19	Multiple degradation pathways of phenanthrene by Stenotrophomonas maltophilia C6. International Biodeterioration and Biodegradation, 2013, 79, 98-104.	3.9	88
20	Activated petroleum waste sludge biochar for efficient catalytic ozonation of refinery wastewater. Science of the Total Environment, 2019, 651, 2631-2640.	8.0	86
21	Polycyclic aromatic hydrocarbons in sediments and marine organisms: Implications of anthropogenic effects on the coastal environment. Science of the Total Environment, 2018, 640-641, 264-272.	8.0	84
22	Co-metabolic degradation of the antibiotic ciprofloxacin by the enriched bacterial consortium XG and its bacterial community composition. Science of the Total Environment, 2019, 665, 41-51.	8.0	83
23	Degradation of phenanthrene by Burkholderia sp. C3: initial 1,2- and 3,4-dioxygenation and meta- and ortho-cleavage of naphthalene-1,2-diol. Biodegradation, 2006, 18, 123-131.	3.0	78
24	Pyrene biodegradation and proteomic analysis in Achromobacter xylosoxidans, PY4 strain. International Biodeterioration and Biodegradation, 2018, 130, 40-47.	3.9	78
25	Efficiencies and mechanisms of ZSM5 zeolites loaded with cerium, iron, or manganese oxides for catalytic ozonation of nitrobenzene in water. Science of the Total Environment, 2018, 612, 1424-1432.	8.0	78
26	Degradation pathways of phenanthrene by Sinorhizobium sp. C4. Applied Microbiology and Biotechnology, 2006, 71, 935-941.	3.6	75
27	Comparative metabolomic analysis of Sinorhizobium sp. C4 during the degradation of phenanthrene. Applied Microbiology and Biotechnology, 2008, 80, 863-872.	3.6	75
28	Development of an Enzyme-Linked Immunosorbent Assay for the Insecticide Imidacloprid. Journal of Agricultural and Food Chemistry, 2000, 48, 3378-3382.	5.2	68
29	Effects of Polycyclic Aromatic Hydrocarbon Mixtures on Degradation, Gene Expression, and Metabolite Production in Four Mycobacterium Species. Applied and Environmental Microbiology, 2016, 82, 3357-3369.	3.1	67
30	Enhanced degradation of prometryn and other s-triazine herbicides in pure cultures and wastewater by polyvinyl alcohol-sodium alginate immobilized Leucobacter sp. JW-1. Science of the Total Environment, 2018, 615, 78-86.	8.0	67
31	High ecological and human health risks from microcystins in vegetable fields in southern China. Environment International, 2019, 133, 105142.	10.0	67
32	Changes of Bt Toxin in the Rhizosphere of Transgenic Bt Cotton and its Influence on Soil Functional Bacteria. World Journal of Microbiology and Biotechnology, 2005, 21, 1279-1284.	3.6	66
33	Where are the new herbicides?. Pest Management Science, 2021, 77, 2620-2625.	3.4	65
34	Fluoranthene metabolism and associated proteins inMycobacterium sp. JS14. Proteomics, 2007, 7, 2059-2069.	2.2	60
35	Antifungal mechanism of bacillomycin D from Bacillus velezensis HN-2 against Colletotrichum gloeosporioides Penz. Pesticide Biochemistry and Physiology, 2020, 163, 102-107.	3.6	59
36	Comparison and evaluation of concurrent saccharification and anaerobic digestion of Napier grass after pretreatment by three microbial consortia. Bioresource Technology, 2015, 175, 102-111.	9.6	57

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37	Persistent organic pollutants in fat of three species of Pacific pelagic longline caught sea turtles: Accumulation in relation to ingested plastic marine debris. Science of the Total Environment, 2018, 610-611, 402-411.	8.0	56
38	Degradation of dibenzothiophene and carbazole by Arthrobacter sp. P1-1. International Biodeterioration and Biodegradation, 2006, 58, 36-43.	3.9	55
39	Ultrasensitive quantitation of imidacloprid in vegetables by colloidal gold and time-resolved fluorescent nanobead traced lateral flow immunoassays. Food Chemistry, 2020, 311, 126055.	8.2	54
40	Concentrations, Source and Risk Assessment of Polycyclic Aromatic Hydrocarbons in Soils from Midway Atoll, North Pacific Ocean. PLoS ONE, 2014, 9, e86441.	2.5	53
41	C-Glycosylflavones Alleviate Tau Phosphorylation and Amyloid Neurotoxicity through GSK3Î² Inhibition. ACS Chemical Neuroscience, 2016, 7, 912-923.	3.5	50
42	Evaluation of an up-flow anaerobic sludge bed (UASB) reactor containing diatomite and maifanite for the improved treatment of petroleum wastewater. Bioresource Technology, 2017, 243, 620-627.	9.6	50
43	A novel â€œwastes-treat-wastesâ€•technology: Role and potential of spent fluid catalytic cracking catalyst assisted ozonation of petrochemical wastewater. Journal of Environmental Management, 2015, 152, 58-65.	7.8	49
44	Monoclonal Antibody-Based ELISAs for Part-per-Billion Determination of Polycyclic Aromatic Hydrocarbons:Â Effects of Haptens and Formats on Sensitivity and Specificity. Analytical Chemistry, 1999, 71, 302-309.	6.5	48
45	Metabolomic and proteomic insights into carbaryl catabolism by Burkholderia sp. C3 and degradation of ten N-methylcarbamates. Biodegradation, 2013, 24, 795-811.	3.0	45
46	Ï€â€“Cation Interactions in Molecular Recognition: Perspectives on Pharmaceuticals and Pesticides. Journal of Agricultural and Food Chemistry, 2018, 66, 3315-3323.	5.2	45
47	Sorption Mechanism, Kinetics, and Isotherms of Di-n-butyl Phthalate to Different Soil Particle-Size Fractions. Journal of Agricultural and Food Chemistry, 2019, 67, 4734-4745.	5.2	45
48	Kinetics and Catabolic Pathways of the Insecticide Chlorpyrifos, Annotation of the Degradation Genes, and Characterization of Enzymes TcpA and Fre in Cupriavidus nantongensis X1^T. Journal of Agricultural and Food Chemistry, 2019, 67, 2245-2254.	5.2	45
49	Monoclonal Antibodyâ€Based Enzyme Linked Immunosorbent Assay for the Analysis of Jasmonates in Plants. Journal of Integrative Plant Biology, 2008, 50, 1046-1052.	8.5	44
50	A novel and simple imidazo[1,2-a]pyridin fluorescent probe for the sensitive and selective imaging of cysteine in living cells and zebrafish. Analytica Chimica Acta, 2019, 1058, 155-165.	5.4	44
51	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
52	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
53	Multi-spectroscopic measurements, molecular modeling and density functional theory calculations for interactions of 2,7-dibromocarbazole and 3,6-dibromocarbazole with serum albumin. Science of the Total Environment, 2019, 686, 1039-1048.	8.0	42
54	Oxalic Acid in Root Exudates Enhances Accumulation of Perfluorooctanoic Acid in Lettuce. Environmental Science & Technology, 2020, 54, 13046-13055.	10.0	42

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55	A Simple and Rapid Turn On ESIPT Fluorescent Probe for Colorimetric and Ratiometric Detection of Biothiols in Living Cells. Scientific Reports, 2017, 7, 4377.	3.3	41
56	Stabilization of bound polycyclic aromatic hydrocarbons by a Ï€-cation interaction. Journal of Molecular Biology, 2000, 302, 691-699.	4.2	40
57	Residues of organochlorine pesticides in honeys from different geographic regions. Food Research International, 2010, 43, 2329-2334.	6.2	40
58	Rice root exudates enhance desorption and bioavailability of phthalic acid esters (PAEs) in soil associating with cultivar variation in PAE accumulation. Environmental Research, 2020, 186, 109611.	7.5	40
59	Development of a monoclonal antibody-based enzyme-linked immunosorbent assay for the analysis of glycyrrhizic acid. Analytical and Bioanalytical Chemistry, 2006, 386, 1735-40.	3.7	38
60	Biodegradation of pyraclostrobin by two microbial communities from Hawaiian soils and metabolic mechanism. Journal of Hazardous Materials, 2018, 354, 225-230.	12.4	38
61	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
62	Occurrence, distribution and seasonal variations of polychlorinated biphenyls and polybrominated diphenyl ethers in surface waters of the East Lake, China. Chemosphere, 2014, 103, 256-262.	8.2	37
63	Comparative studies on biophysical interactions between gambogic acid and serum albumin via multispectroscopic approaches and molecular docking. Journal of Luminescence, 2019, 205, 210-218.	3.1	37
64	Rapid granulation using calcium sulfate and polymers for refractory wastewater treatment in up-flow anaerobic sludge blanket reactor. Bioresource Technology, 2020, 305, 123084.	9.6	37
65	Potential and optimization of two-phase anaerobic digestion of oil refinery waste activated sludge and microbial community study. Scientific Reports, 2016, 6, 38245.	3.3	36
66	Bead-immobilized Pseudomonas stutzeri Y2 prolongs functions to degrade s-triazine herbicides in industrial wastewater and maize fields. Science of the Total Environment, 2020, 731, 139183.	8.0	36
67	A monoclonal antibody-based enzyme-linked immunosorbent assay for detection of ustiloxin A in rice false smut balls and rice samples. Food Chemistry, 2015, 181, 140-145.	8.2	35
68	Interactions between tetrahydroisoindoline-1,3-dione derivatives and human serum albumin via multiple spectroscopy techniques. Environmental Science and Pollution Research, 2018, 25, 17735-17748.	5.3	35
69	Cassava postharvest physiological deterioration: a complex phenomenon involving calcium signaling, reactive oxygen species and programmed cell death. Acta Physiologiae Plantarum, 2017, 39, 91.	2.1	34
70	Phn and Nag-like dioxygenases metabolize polycyclic aromatic hydrocarbons in Burkholderia sp. C3. Biodegradation, 2011, 22, 1119-1133.	3.0	33
71	Mycobacterium aromativorans JS19b1T degrades phenanthrene through C-1,2, C-3,4 and C-9,10 dioxygenation pathways. International Biodeterioration and Biodegradation, 2012, 70, 96-103.	3.9	33
72	Degradation of guar in an up-flow anaerobic sludge blanket reactor: Impacts of salinity on performance robustness, granulation and microbial community. Chemosphere, 2019, 232, 327-336.	8.2	33

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73	Polyamidoamine dendrimer decorated nanoparticles as an adsorbent for magnetic solid-phase extraction of tetrabromobisphenol A and 4-nonylphenol from environmental water samples. Journal of Colloid and Interface Science, 2019, 539, 361-369.	9.4	33
74	Variety-Selective Rhizospheric Activation, Uptake, and Subcellular Distribution of Perfluorooctanesulfonate (PFOS) in Lettuce (Lactuca sativa L.). Environmental Science & Technology, 2021, 55, 8730-8741.	10.0	33
75	Selective Binding of Polychlorinated Biphenyl Congeners by a Monoclonal Antibody:â€‰ Analysis by Kinetic Exclusion Fluorescence Immunoassay. Analytical Chemistry, 2001, 73, 5477-5484.	6.5	32
76	Bench-Scale Phytoremediation of Polycyclic Aromatic Hydrocarbon-Contaminated Marine Sediment with Tropical Plants. International Journal of Phytoremediation, 2002, 4, 297-313.	3.1	32
77	Perfluoroalkyl sulfonates and carboxylic acids in liver, muscle and adipose tissues of black-footed albatross (Phoebastria nigripes) from Midway Island, North Pacific Ocean. Chemosphere, 2015, 138, 60-66.	8.2	32
78	Trends in Food Enzymology. Journal of Agricultural and Food Chemistry, 2017, 65, 4-5.	5.2	32
79	A colorimetric and ratiometric dual-site fluorescent probe with 2,4-dinitrobenzenesulfonyl and aldehyde groups for imaging of aminothiols in living cells and zebrafish. Dyes and Pigments, 2018, 156, 338-347.	3.7	32
80	Discovery of Selective, Substrate-Competitive, and Passive Membrane Permeable Glycogen Synthase Kinase-3Î² Inhibitors: Synthesis, Biological Evaluation, and Molecular Modeling of New C-Glycosylflavones. ACS Chemical Neuroscience, 2018, 9, 1166-1183.	3.5	32
81	Characteristics of bacterial populations in an industrial scale petrochemical wastewater treatment plant: Composition, function and their association with environmental factors. Environmental Research, 2020, 189, 109939.	7.5	32
82	Sphingobium sp. FB3 degrades a mixture of polycyclic aromatic hydrocarbons. International Biodeterioration and Biodegradation, 2014, 87, 44-51.	3.9	31
83	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
84	Application of Multibounce Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy and Chemometrics for Determination of Aspartame in Soft Drinks. Journal of Agricultural and Food Chemistry, 2008, 56, 778-783.	5.2	30
85	Application of mass spectrometry in the analysis of polybrominated diphenyl ethers. Mass Spectrometry Reviews, 2010, 29, 737-775.	5.4	30
86	Rapid identification and classification of Mycobacterium spp. using whole-cell protein barcodes with matrix assisted laser desorption ionization time of flight mass spectrometry in comparison with multigene phylogenetic analysis. Analytica Chimica Acta, 2012, 716, 133-137.	5.4	29
87	Comparison of Leaf Proteomes of Cassava (Manihot esculenta Crantz) Cultivar NZ199 Diploid and Autotetraploid Genotypes. PLoS ONE, 2014, 9, e85991.	2.5	28
88	Hexabromocyclododecanes (HBCDs) in fish: Evidence of recent HBCD input into the coastal environment. Marine Pollution Bulletin, 2018, 126, 357-362.	5.0	28
89	Legacy and emerging organohalogenated contaminants in wild edible aquatic organisms: Implications for bioaccumulation and human exposure. Science of the Total Environment, 2018, 616-617, 38-45.	8.0	27
90	Enrichment of phosphate solubilizing bacteria during late developmental stages of eggplant (Solanum melongena L.). FEMS Microbiology Ecology, 2019, 95, .	2.7	27

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91	Ultraviolet Irradiation Increased the Concentration of Vitamin D₂ and Decreased the Concentration of Ergosterol in Shiitake Mushroom (Lentinus edodes) and Oyster Mushroom (Pleurotus ostreatus) Powder in Ethanol Suspension. ACS Omega, 2020, 5, 7361-7368.	3.5	27
92	Isoorientin, a GSK-3Î² inhibitor, rescues synaptic dysfunction, spatial memory deficits and attenuates pathological progression in APP/PS1 model mice. Behavioural Brain Research, 2021, 398, 112968.	2.2	27
93	The Comparatively Proteomic Analysis in Response to Cold Stress in Cassava Plantlets. Plant Molecular Biology Reporter, 2016, 34, 1095-1110.	1.8	26
94	Synthesis and fungicidal activities of sanguinarine derivatives. Pesticide Biochemistry and Physiology, 2018, 147, 3-10.	3.6	26
95	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
96	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
97	Pesticidal Activity and Mode of Action of Monoterpenes. Journal of Agricultural and Food Chemistry, 2022, 70, 4556-4571.	5.2	26
98	Kavalactone content and chemotype of kava beverages prepared from roots and rhizomes of Isa and Mahakea varieties and extraction efficiency of kavalactones using different solvents. Journal of Food Science and Technology, 2015, 52, 1164-1169.	2.8	25
99	Pseudoxanthomonas kalamensis sp. nov., a novel gammaproteobacterium isolated from Johnston Atoll, North Pacific Ocean. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1103-1107.	1.7	24
100	A ratiometric fluorescence probe with large stokes based on excited-stated intramolecular proton transfer (ESIPT) for rapid detection and imaging of biothiols in human liver cancer HepG2 cells and zebrafish. Journal of Molecular Liquids, 2019, 287, 111016.	4.9	24
101	Catalytic Ozonation of Recalcitrant Organic Chemicals in Water Using Vanadium Oxides Loaded ZSM-5 Zeolites. Frontiers in Chemistry, 2019, 7, 384.	3.6	24
102	Derivation and Properties of Recombinant Fab Antibodies to Coplanar Polychlorinated Biphenyls. Journal of Agricultural and Food Chemistry, 2000, 48, 2614-2624.	5.2	23
103	Toxic effects of indoxacarb enantiomers on the embryonic development and induction of apoptosis in zebrafish larvae (<scp>D</scp>anio rerio). Environmental Toxicology, 2017, 32, 7-16.	4.0	23
104	Turf soil enhances treatment efficiency and performance of phenolic wastewater in an up-flow anaerobic sludge blanket reactor. Chemosphere, 2018, 204, 227-234.	8.2	23
105	1-Trifluoromethoxyphenyl-3-(1-propionylpiperidin-4-yl) Urea, a Selective and Potent Dual Inhibitor of Soluble Epoxide Hydrolase and p38 Kinase Intervenes in Alzheimerâ€™s Signaling in Human Nerve Cells. ACS Chemical Neuroscience, 2019, 10, 4018-4030.	3.5	23
106	Pressurized Fluid Extraction for Quantitative Recovery of Chloroacetanilide and Nitrogen Heterocyclic Herbicides in Soil. Journal of Agricultural and Food Chemistry, 2000, 48, 4097-4102.	5.2	22
107	Design, Synthesis, and Antifungal Activities of 3-Acyl Thiotetronic Acid Derivatives: New Fatty Acid Synthase Inhibitors. Journal of Agricultural and Food Chemistry, 2018, 66, 1023-1032.	5.2	22
108	Aerobic sludge granulation in shale gas flowback water treatment: Assessment of the bacterial community dynamics and modeling of bioreactor performance using artificial neural network. Bioresource Technology, 2020, 313, 123687.	9.6	22

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109	Uptake, distribution and translocation of imidacloprid-loaded fluorescence double hollow shell mesoporous silica nanoparticles and metabolism of imidacloprid in pakchoi. Science of the Total Environment, 2021, 787, 147578.	8.0	22
110	Development of a monoclonal antibody-based enzyme-linked immunosorbent assay for the analysis of 6-benzylaminopurine and its ribose adduct in bean sprouts. Food Chemistry, 2016, 207, 233-238.	8.2	21
111	Phosphorylation-mediated Regulatory Networks in Mycelia of Pyricularia oryzae Revealed by Phosphoproteomic Analyses. Molecular and Cellular Proteomics, 2017, 16, 1669-1682.	3.8	21
112	Recent Research Progress in and Perspectives of Mesoionic Insecticides: Nicotinic Acetylcholine Receptor Inhibitors. Journal of Agricultural and Food Chemistry, 2020, 68, 11039-11053.	5.2	21
113	Enantioselective Uptake Determines Degradation Selectivity of Chiral Profenofos in Cupriavidus nantongensis X1^T. Journal of Agricultural and Food Chemistry, 2020, 68, 6493-6501.	5.2	21
114	Bioaccumulation of short-chain chlorinated paraffins in chicken (Gallus domesticus): Comparison to fish. Journal of Hazardous Materials, 2020, 396, 122590.	12.4	21
115	Degradation of benzo[a]pyrene by halophilic bacterial strain Staphylococcus haemoliticus strain 10SBZ1A. PLoS ONE, 2021, 16, e0247723.	2.5	21
116	Development of a Specific Monoclonal Antibody for the Quantification of Artemisinin in Artemisia annua and Rat Serum. Analytical Chemistry, 2016, 88, 2701-2706.	6.5	20
117	Novel hydrolytic de-methylthiolation of the s-triazine herbicide prometryn by Leucobacter sp. JW-1. Science of the Total Environment, 2017, 579, 115-123.	8.0	20
118	Interactions between Imidacloprid and Thiamethoxam and Dissolved Organic Matter Characterized by Two-Dimensional Correlation Spectroscopy Analysis, Molecular Modeling, and Density Functional Theory Calculations. Journal of Agricultural and Food Chemistry, 2020, 68, 2329-2339.	5.2	20
119	Phytoremediation in subtropical Hawaii?A review of over 100 plant species. Remediation, 2004, 14, 127-139.	2.4	19
120	Development of a Monoclonal Antibody-Based icELISA for the Detection of Ustiloxin B in Rice False Smut Balls and Rice Grains. Toxins, 2015, 7, 3481-3496.	3.4	19
121	Biophysical characterization of interactions between falcarinol-type polyacetylenes and human serum albumin via multispectroscopy and molecular docking techniques. Journal of Luminescence, 2018, 200, 111-119.	3.1	19
122	Simultaneous detection of carbofuran and 3-hydroxy-carbofuran in vegetables and fruits by broad-specific monoclonal antibody-based ELISA. Food and Agricultural Immunology, 2019, 30, 1085-1096.	1.4	19
123	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
124	Putative Mode of Action of the Monoterpenoids Linalool, Methyl Eugenol, Estragole, and Citronellal on Ligand-Gated Ion Channels. Engineering, 2020, 6, 541-545.	6.7	19
125	Interactions between salicylic acid and antioxidant enzymes tilting the balance of H2O2 from photorespiration in non-target crops under halosulfuron-methyl stress. Pesticide Biochemistry and Physiology, 2017, 143, 214-223.	3.6	18
126	A novel and effective benzo[d]thiazole-based fluorescent probe with dual recognition factors for highly sensitive and selective imaging of cysteine in vitro and in vivo. New Journal of Chemistry, 2019, 43, 13463-13470.	2.8	18

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127	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
128	Minute-Speed Biodegradation of Organophosphorus Insecticides by Cupriavidus nantongensis X1^T. Journal of Agricultural and Food Chemistry, 2019, 67, 13558-13567.	5.2	18
129	Comparative Protein and Metabolite Profiling Revealed a Metabolic Network in Response to Multiple Environmental Contaminants in Mycobacterium aromativorans JS19b1^T. Journal of Agricultural and Food Chemistry, 2011, 59, 2876-2882.	5.2	17
130	Accumulation and maternal transfer of polychlorinated biphenyls in Steller Sea Lions (Eumetopias) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 71-77.	7.5	17
131	Organochlorine pesticides in follicular fluid of women undergoing assisted reproductive technologies from central China. Environmental Pollution, 2015, 207, 266-272.	7.5	17
132	Basil (Ocimum basilicum L.) Oils. , 2016, , 231-238.		17
133	Exploring adduct formation between human serum albumin and eleven organophosphate ester flame retardants and plasticizers using MALDI-TOF/TOF and LC-Q/TOF. Chemosphere, 2017, 180, 169-177.	8.2	17
134	Comparison of a new airâ€assisted sprayer and two conventional sprayers in terms of deposition, loss to the soil and residue of azoxystrobin and tebuconazole applied to sunlit greenhouse tomato and field cucumber. Pest Management Science, 2018, 74, 448-455.	3.4	17
135	Residues of Polybrominated Diphenyl Ethers in Honeys from Different Geographic Regions. Journal of Agricultural and Food Chemistry, 2010, 58, 3495-3501.	5.2	16
136	Antiviral Activities and Putative Identification of Compounds in Microbial Extracts from the Hawaiian Coastal Waters. Marine Drugs, 2012, 10, 521-538.	4.6	16
137	Development of a Sensitive Monoclonal Antibody-Based Enzyme-Linked Immunosorbent Assay for the Analysis of Paclobutrazol Residue in Wheat Kernel. Journal of Agricultural and Food Chemistry, 2014, 62, 1826-1831.	5.2	16
138	Manganese Sand Ore Is an Economical and Effective Catalyst for Ozonation of Organic Contaminants in Petrochemical Wastewater. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	16
139	N ovosphingobium fluoreni sp. nov., isolated from rice seeds. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1409-1414.	1.7	16
140	Selection of phage-displayed peptides for the detection of imidacloprid in water and soil. Analytical Biochemistry, 2015, 485, 28-33.	2.4	16
141	Comparative Studies of Interactions between Fluorodihydroquinazolin Derivatives and Human Serum Albumin with Fluorescence Spectroscopy. Molecules, 2016, 21, 1373.	3.8	16
142	Site-Specific N-Glycosylation Characterization of Windmill Palm Tree Peroxidase Using Novel Tools for Analysis of Plant Glycopeptide Mass Spectrometry Data. Journal of Proteome Research, 2016, 15, 2026-2038.	3.7	16
143	Bioaccumulation and Phytotoxicity and Human Health Risk from Microcystin-LR under Various Treatments: A Pot Study. Toxins, 2020, 12, 523.	3.4	16
144	Isoorientin Inhibits Inflammation in Macrophages and Endotoxemia Mice by Regulating Glycogen Synthase Kinase 3Î². Mediators of Inflammation, 2020, 2020, 1-10.	3.0	16

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