

# Qing X Li

## List of Publications by Year in descending order

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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	Isorientin Affects Markers of Alzheimer's Disease via Effects on the Oral and Gut Microbiota in APP/PS1 Mice. <i>Journal of Nutrition</i> , 2022, 152, 140-152.	2.9	10
2	Selective, stepwise photodegradation of chlorothalonil, dichlobenil and dichloro- and trichloro-isophthalonitriles enhanced by cyanidin in water. <i>Science of the Total Environment</i> , 2022, 805, 150157.	8.0	7
3	Enantiomer metabolism of acephate and its metabolite methamidophos in in vitro tea ( <i>Camellia sinensis</i> ) Tj ETQq1 1 0.784314 rgBT / Environment, 2022, 806, 150863.	8.0	8
4	Glycerol-assisted degradation of dibenzothiophene by <i>Paraburkholderia</i> sp. C3 is associated with polyhydroxyalkanoate granulation. <i>Chemosphere</i> , 2022, 291, 133054.	8.2	3
5	Carboxylesterases from bacterial enrichment culture degrade strobilurin fungicides. <i>Science of the Total Environment</i> , 2022, 814, 152751.	8.0	6
6	Uptake pathways of phthalates (PAEs) into Chinese flowering cabbage grown in plastic greenhouses and lowering PAE accumulation by spraying PAE-degrading bacterial strain. <i>Science of the Total Environment</i> , 2022, 815, 152854.	8.0	13
7	Recombinant <i>Arthomyces ramosus</i> Peroxidase Has Similar Substrate Specificity Profiles as, but a Catalytic Efficiency up to 11-Fold Higher than, Horseradish Peroxidase. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 646-655.	5.2	5
8	Plant Molecular Farming, a Tool for Functional Food Production. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2108-2116.	5.2	9
9	Pesticidal Activity and Mode of Action of Monoterpenes. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4556-4571.	5.2	26
10	Methyl Eugenol Binds Recombinant Gamma-Aminobutyric Acid Receptor-Associated Protein from the Western Flower Thrips <i>Frankliniella occidentalis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, , .	5.2	8
11	Interactions between stipuol enantiomers and human serum albumin. <i>Food Chemistry</i> , 2022, 385, 132686.	8.2	6
12	Anti-Neuroinflammatory Effects of a Semi-Synthetic Isoorientin-Based Glycogen Synthase Kinase-3 <sup>Î²</sup> Inhibitor in Lipopolysaccharide-Activated Microglial Cells. <i>ACS Chemical Neuroscience</i> , 2022, 13, 43-52.	3.5	3
13	Resistance properties and adaptation mechanism of cadmium in an enriched strain, <i>Cupriavidus nantongensis</i> X1T. <i>Journal of Hazardous Materials</i> , 2022, 434, 128935.	12.4	7
14	Copper( <sup>+</sup> )-catalyzed synthesis of natural alkaloid tryptanthrin and its derivatives. <i>New Journal of Chemistry</i> , 2022, 46, 13540-13545.	2.8	3
15	Toxicity of Nanoparticles of AgO, La <sub>2</sub> O <sub>3</sub> , CuO, AgO-Fe <sub>3</sub> O <sub>4</sub> , Ag-Graphene, and GO-Cu-AgO to the Fungus <i>Moniliella wahieum</i> Y12 <sup>T</sup> Isolated from Degraded Biodiesel and the Bacterium <i>Escherichia coli</i> . <i>Journal of Biomedical Nanotechnology</i> , 2022, 18, 928-938.	1.1	0
16	Pesticide Research and Development: General Discussion and Spinosad Case. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8913-8919.	5.2	8
17	Enhanced biodegradation of organophosphorus insecticides in industrial wastewater via immobilized <i>Cupriavidus nantongensis</i> X1T. <i>Science of the Total Environment</i> , 2021, 755, 142505.	8.0	13
18	Isorientin, a GSK-3 <sup>Î²</sup> inhibitor, rescues synaptic dysfunction, spatial memory deficits and attenuates pathological progression in APP/PS1 model mice. <i>Behavioural Brain Research</i> , 2021, 398, 112968.	2.2	27

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19	Fusion expression of nanobodies specific for the insecticide fipronil on magnetosomes in <i>Magnetospirillum gryphiswaldense</i> MSR-1. <i>Journal of Nanobiotechnology</i> , 2021, 19, 27.	9.1	10
20	Mdfi Promotes C2C12 Cell Differentiation and Positively Modulates Fast-to-Slow-Twitch Muscle Fiber Transformation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 605875.	3.7	14
21	Degradation of benzo[a]pyrene by halophilic bacterial strain <i>Staphylococcus haemolyticus</i> strain 10SBZ1A. <i>PLoS ONE</i> , 2021, 16, e0247723.	2.5	21
22	Development of a nanobody-based ELISA for the detection of the insecticides cyantraniliprole and chlorantraniliprole in soil and the vegetable bok choy. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2503-2511.	3.7	15
23	Where are the new herbicides?. <i>Pest Management Science</i> , 2021, 77, 2620-2625.	3.4	65
24	Comparison of three palm tree peroxidases expressed by <i>Escherichia coli</i> : Uniqueness of African oil palm peroxidase. <i>Protein Expression and Purification</i> , 2021, 179, 105806.	1.3	5
25	Dihydromyricetin Imbues Antiadipogenic Effects on 3T3-L1 Cells via Direct Interactions with 78-kDa Glucose-Regulated Protein. <i>Journal of Nutrition</i> , 2021, 151, 1717-1725.	2.9	11
26	Genome, metabolic pathways and characteristics of cometabolism of dibenzothiophene and the biodiesel byproduct glycerol in <i>Paraburkholderia</i> sp. C3. <i>Bioresource Technology</i> , 2021, 326, 124699.	9.6	4
27	Identification of protein related to dietary vitamin B 3 deficiency in Mediterranean fruit fly larvae. <i>Analytical Science Advances</i> , 2021, 2, 416-426.	2.8	1
28	Enantioselective metabolism of phenylpyrazole insecticides by rat liver microsomal CYP3A1, CYP2E1 and CYP2D2. <i>Pesticide Biochemistry and Physiology</i> , 2021, 176, 104861.	3.6	8
29	Natural Products in the Prevention of Metabolic Diseases: Lessons Learned from the 20th KAST Frontier Scientists Workshop. <i>Nutrients</i> , 2021, 13, 1881.	4.1	4
30	Variety-Selective Rhizospheric Activation, Uptake, and Subcellular Distribution of Perfluorooctanesulfonate (PFOS) in Lettuce ( <i>Lactuca sativa</i> L.). <i>Environmental Science &amp; Technology</i> , 2021, 55, 8730-8741.	10.0	33
31	Development and application of immunoassays for rapid quality control of the antimalarial drug combination artesunate-mefloquine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 207, 114342.	2.8	1
32	Protecting and Enhancing Scarce Water Resources through Chemistry. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9199-9201.	5.2	4
33	Uptake, distribution and translocation of imidacloprid-loaded fluorescence double hollow shell mesoporous silica nanoparticles and metabolism of imidacloprid in pakchoi. <i>Science of the Total Environment</i> , 2021, 787, 147578.	8.0	22
34	Enantioselective degradation of the organophosphorus insecticide isocarbophos in <i>Cupriavidus nantongensis</i> X1T: Characteristics, enantioselective regulation, degradation pathways, and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2021, 417, 126024.	12.4	14
35	Comparative evaluation of industrial hemp varieties: Field experiments and phytoremediation in Hawaii. <i>Industrial Crops and Products</i> , 2021, 170, 113683.	5.2	5
36	Interactions of isoorientin and its Semi-synthetic analogs with human serum albumin. <i>Bioorganic Chemistry</i> , 2021, 116, 105319.	4.1	8

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37	Chiral enantiomers of the plant growth regulator paclobutrazol selectively affect community structure and diversity of soil microorganisms. <i>Science of the Total Environment</i> , 2021, 797, 148942.	8.0	12
38	HIGH-PERFORMANCE COMPUTATION AND ARTIFICIAL INTELLIGENCE IN PESTICIDE DISCOVERY: STATUS AND OUTLOOK. <i>Frontiers of Agricultural Science and Engineering</i> , 2021, .	1.4	1
39	Putative MicroRNA-mRNA Networks Upon Mdfi Overexpression in C2C12 Cell Differentiation and Muscle Fiber Type Transformation. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 675993.	3.5	5
40	Wildfire Smoke's Effects on Agriculture and Foods Warrant More Study. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15435-15436.	5.2	0
41	Food Safety Concerns: Crop Breeding as a Potential Strategy to Address Issues Associated with the Recently Lowered Reference Doses for Perfluorooctanoic Acid and Perfluorooctane sulfonate. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 48-58.	5.2	15
42	A char-clay composite catalyst derived from spent bleaching earth for efficient ozonation of recalcitrants in water. <i>Science of the Total Environment</i> , 2020, 699, 134395.	8.0	12
43	DNA damage in liver cells of the tilapia fish <i>Oreochromis mossambicus</i> larva induced by the insecticide cyantraniliprole at sublethal doses during chronic exposure. <i>Chemosphere</i> , 2020, 238, 124586.	8.2	8
44	Occurrence and congener profiles of polybrominated diphenyl ethers in green mussels ( <i>Perna viridis</i> ) collected from northern South China Sea and the associated potential health risk. <i>Science of the Total Environment</i> , 2020, 698, 134276.	8.0	13
45	Antifungal mechanism of bacillomycin D from <i>Bacillus velezensis</i> HN-2 against <i>Colletotrichum gloeosporioides</i> Penz. <i>Pesticide Biochemistry and Physiology</i> , 2020, 163, 102-107.	3.6	59
46	Unusual tin organics, DDX and PAHs as specific pollutants from dockyard work in an industrialized port area in China. <i>Chemosphere</i> , 2020, 243, 125284.	8.2	1
47	Ultrasensitive quantitation of imidacloprid in vegetables by colloidal gold and time-resolved fluorescent nanobead traced lateral flow immunoassays. <i>Food Chemistry</i> , 2020, 311, 126055.	8.2	54
48	Ortho and para oxydehalogenation of dihalophenols catalyzed by the monooxygenase TcpA and NAD(P)H:FAD reductase Fre. <i>Journal of Hazardous Materials</i> , 2020, 388, 121787.	12.4	12
49	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. <i>Analytical Chemistry</i> , 2020, 92, 1114-1121.	6.5	31
50	Antibiotics and Food Safety in Aquaculture. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11908-11919.	5.2	215
51	Chemical Nematicides: Recent Research Progress and Outlook. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12175-12188.	5.2	93
52	Effects of dibutyl phthalate contamination on physiology, phytohormone homeostasis, rhizospheric and endophytic bacterial communities of <i>Brassica rapa</i> var. <i>chinensis</i> . <i>Environmental Research</i> , 2020, 189, 109953.	7.5	6
53	Oxalic Acid in Root Exudates Enhances Accumulation of Perfluorooctanoic Acid in Lettuce. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13046-13055.	10.0	42
54	Rapid quantification of artemisinin derivatives in antimalarial drugs with dipstick immunoassays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113605.	2.8	6

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55	Characteristics of bacterial populations in an industrial scale petrochemical wastewater treatment plant: Composition, function and their association with environmental factors. <i>Environmental Research</i> , 2020, 189, 109939.	7.5	32
56	Bioaccumulation and Phytotoxicity and Human Health Risk from Microcystin-LR under Various Treatments: A Pot Study. <i>Toxins</i> , 2020, 12, 523.	3.4	16
57	Recent Research Progress in and Perspectives of Mesoionic Insecticides: Nicotinic Acetylcholine Receptor Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11039-11053.	5.2	21
58	Isoorientin Inhibits Inflammation in Macrophages and Endotoxemia Mice by Regulating Glycogen Synthase Kinase 3 $\beta$ . <i>Mediators of Inflammation</i> , 2020, 2020, 1-10.	3.0	16
59	Enantioselective Uptake Determines Degradation Selectivity of Chiral Profenofos in <i>Cupriavidus nantongensis</i> X1 <sup>T</sup> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6493-6501.	5.2	21
60	Rice root exudates enhance desorption and bioavailability of phthalic acid esters (PAEs) in soil associating with cultivar variation in PAE accumulation. <i>Environmental Research</i> , 2020, 186, 109611.	7.5	40
61	Mini-review: recent advances in the identification and application of sex pheromones of gall midges (Diptera: Cecidomyiidae). <i>Pest Management Science</i> , 2020, 76, 3905-3910.	3.4	7
62	Putative Mode of Action of the Monoterpenoids Linalool, Methyl Eugenol, Estragole, and Citronellal on Ligand-Gated Ion Channels. <i>Engineering</i> , 2020, 6, 541-545.	6.7	19
63	Rapid granulation using calcium sulfate and polymers for refractory wastewater treatment in up-flow anaerobic sludge blanket reactor. <i>Bioresource Technology</i> , 2020, 305, 123084.	9.6	37
64	Ultraviolet Irradiation Increased the Concentration of Vitamin D <sub>2</sub> and Decreased the Concentration of Ergosterol in Shiitake Mushroom ( <i>Lentinus edodes</i> ) and Oyster Mushroom ( <i>Pleurotus ostreatus</i> ) Powder in Ethanol Suspension. <i>ACS Omega</i> , 2020, 5, 7361-7368.	3.5	27
65	Catalytic Ozonation of Nitrobenzene by Manganese-Based Y Zeolites. <i>Frontiers in Chemistry</i> , 2020, 8, 80.	3.6	6
66	Aerobic sludge granulation in shale gas flowback water treatment: Assessment of the bacterial community dynamics and modeling of bioreactor performance using artificial neural network. <i>Bioresource Technology</i> , 2020, 313, 123687.	9.6	22
67	Rhamnolipids Induced by Glycerol Enhance Dibenzothiophene Biodegradation in <i>Burkholderia</i> sp. C3. <i>Engineering</i> , 2020, 6, 533-540.	6.7	13
68	The first complete mitochondrial genome sequence of the Korean endemic catfish <i>Silurus microdorsalis</i> (Actinopteri, Siluriformes, Siluridae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 131-132.	0.4	2
69	Enantioselective Synthesis and Antifungal Activity of C18 Polyacetylenes. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2116-2123.	5.2	11
70	Interactions between Imidacloprid and Thiamethoxam and Dissolved Organic Matter Characterized by Two-Dimensional Correlation Spectroscopy Analysis, Molecular Modeling, and Density Functional Theory Calculations. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2329-2339.	5.2	20
71	Green Plant Protection Innovation: Challenges and Perspectives. <i>Engineering</i> , 2020, 6, 483-484.	6.7	6
72	Flavonoid-sensitized photolysis of chlorothalonil in water. <i>Pest Management Science</i> , 2020, 76, 2972-2977.	3.4	8

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73	Synthesis, Characterization, and Antifungal Evaluation of Thiolactomycin Derivatives. <i>Engineering</i> , 2020, 6, 560-568.	6.7	5
74	Bioaccumulation of short-chain chlorinated paraffins in chicken ( <i>Gallus domesticus</i> ): Comparison to fish. <i>Journal of Hazardous Materials</i> , 2020, 396, 122590.	12.4	21
75	Bead-immobilized <i>Pseudomonas stutzeri</i> Y2 prolongs functions to degrade s-triazine herbicides in industrial wastewater and maize fields. <i>Science of the Total Environment</i> , 2020, 731, 139183.	8.0	36
76	1-Trifluoromethoxyphenyl-3-(1-propionylpiperidin-4-yl) Urea, a Selective and Potent Dual Inhibitor of Soluble Epoxide Hydrolase and p38 Kinase Intervenes in Alzheimer's Signaling in Human Nerve Cells. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4018-4030.	3.5	23
77	Tests of Hexazinone and Tebuthiuron for Control of Exotic Plants in Kauai, Hawaii. <i>Forests</i> , 2019, 10, 576.	2.1	2
78	Protein Cross-Interactions for Efficient Photosynthesis in the Cassava Cultivar SC205 Relative to Its Wild Species. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8746-8755.	5.2	4
79	A novel and effective benzo[ <i>d</i> ]thiazole-based fluorescent probe with dual recognition factors for highly sensitive and selective imaging of cysteine <i>in vitro</i> and <i>in vivo</i> . <i>New Journal of Chemistry</i> , 2019, 43, 13463-13470.	2.8	18
80	Simultaneous detection of carbofuran and 3-hydroxy-carbofuran in vegetables and fruits by broad-specific monoclonal antibody-based ELISA. <i>Food and Agricultural Immunology</i> , 2019, 30, 1085-1096.	1.4	19
81	PFN2a Suppresses C2C12 Myogenic Development by Inhibiting Proliferation and Promoting Apoptosis via the p53 Pathway. <i>Cells</i> , 2019, 8, 959.	4.1	9
82	High ecological and human health risks from microcystins in vegetable fields in southern China. <i>Environment International</i> , 2019, 133, 105142.	10.0	67
83	A novel and simple imidazo[1,2- <i>a</i> ]pyridin fluorescent probe for the sensitive and selective imaging of cysteine in living cells and zebrafish. <i>Analytica Chimica Acta</i> , 2019, 1058, 155-165.	5.4	44
84	Development of a one-step immunoassay for triazophos using camel single-domain antibody-alkaline phosphatase fusion protein. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1287-1295.	3.7	19
85	A ratiometric fluorescence probe with large Stokes based on excited-state intramolecular proton transfer (ESIPT) for rapid detection and imaging of biothiols in human liver cancer HepG2 cells and zebrafish. <i>Journal of Molecular Liquids</i> , 2019, 287, 111016.	4.9	24
86	Degradation of guar in an up-flow anaerobic sludge blanket reactor: Impacts of salinity on performance robustness, granulation and microbial community. <i>Chemosphere</i> , 2019, 232, 327-336.	8.2	33
87	Relevance of Class I $\beta$ -Mannosidases to Cassava Postharvest Physiological Deterioration. <i>ACS Omega</i> , 2019, 4, 8739-8746.	3.5	3
88	Catalytic Ozonation of Recalcitrant Organic Chemicals in Water Using Vanadium Oxides Loaded ZSM-5 Zeolites. <i>Frontiers in Chemistry</i> , 2019, 7, 384.	3.6	24
89	Multi-spectroscopic measurements, molecular modeling and density functional theory calculations for interactions of 2,7-dibromocarbazole and 3,6-dibromocarbazole with serum albumin. <i>Science of the Total Environment</i> , 2019, 686, 1039-1048.	8.0	42
90	One-step immunoassay for the insecticide carbaryl using a chicken single-chain variable fragment (scFv) fused to alkaline phosphatase. <i>Analytical Biochemistry</i> , 2019, 572, 9-15.	2.4	26

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91	Development of an immunoassay for the detection of carbaryl in cereals based on a camelid variable heavy-chain antibody domain. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4383-4390.	3.5	18
92	Sorption Mechanism, Kinetics, and Isotherms of Di-n-butyl Phthalate to Different Soil Particle-Size Fractions. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4734-4745.	5.2	45
93	Enrichment of phosphate solubilizing bacteria during late developmental stages of eggplant ( <i>Solanum melongena</i> L.). <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	27
94	Kinetics and Catabolic Pathways of the Insecticide Chlorpyrifos, Annotation of the Degradation Genes, and Characterization of Enzymes TcpA and Fre in <i>Cupriavidus nantongensis</i> X1 <sup>T</sup> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2245-2254.	5.2	45
95	Co-metabolic degradation of the antibiotic ciprofloxacin by the enriched bacterial consortium XG and its bacterial community composition. <i>Science of the Total Environment</i> , 2019, 665, 41-51.	8.0	83
96	Minute-Speed Biodegradation of Organophosphorus Insecticides by <i>Cupriavidus nantongensis</i> X1 <sup>T</sup> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13558-13567.	5.2	18
97	Comparative studies on biophysical interactions between gambogic acid and serum albumin via multispectroscopic approaches and molecular docking. <i>Journal of Luminescence</i> , 2019, 205, 210-218.	3.1	37
98	Polyamidoamine dendrimer decorated nanoparticles as an adsorbent for magnetic solid-phase extraction of tetrabromobisphenol A and 4-nonylphenol from environmental water samples. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 361-369.	9.4	33
99	Activated petroleum waste sludge biochar for efficient catalytic ozonation of refinery wastewater. <i>Science of the Total Environment</i> , 2019, 651, 2631-2640.	8.0	86
100	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. <i>Analytical Chemistry</i> , 2019, 91, 1532-1540.	6.5	38
101	Characterization of aerobic granular sludge used for the treatment of petroleum wastewater. <i>Bioresource Technology</i> , 2019, 271, 353-359.	9.6	93
102	Comparative evaluation of five protocols for protein extraction from stony corals (Scleractinia) for proteomics. <i>Electrophoresis</i> , 2018, 39, 1062-1070.	2.4	6
103	Toxicity of lanthanum oxide nanoparticles to the fungus <i>Moniliella wahieum</i> Y12T isolated from biodiesel. <i>Chemosphere</i> , 2018, 199, 495-501.	8.2	10
104	Covalent binding of the organophosphate insecticide profenofos to tyrosine on $\alpha$ - and $\beta$ -tubulin proteins. <i>Chemosphere</i> , 2018, 199, 154-159.	8.2	10
105	A colorimetric and ratiometric dual-site fluorescent probe with 2,4-dinitrobenzenesulfonyl and aldehyde groups for imaging of aminothiols in living cells and zebrafish. <i>Dyes and Pigments</i> , 2018, 156, 338-347.	3.7	32
106	Interactions between tetrahydroisoindoline-1,3-dione derivatives and human serum albumin via multiple spectroscopy techniques. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17735-17748.	5.3	35
107	Biophysical characterization of interactions between falcarinol-type polyacetylenes and human serum albumin via multispectroscopy and molecular docking techniques. <i>Journal of Luminescence</i> , 2018, 200, 111-119.	3.1	19
108	Pyrene biodegradation and proteomic analysis in <i>Achromobacter xylosoxidans</i> , PY4 strain. <i>International Biodeterioration and Biodegradation</i> , 2018, 130, 40-47.	3.9	78

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109	Effect of N-Linked Glycosylation of Recombinant Windmill Palm Tree Peroxidase on Its Activity and Stability. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4414-4421.	5.2	5
110	Turf soil enhances treatment efficiency and performance of phenolic wastewater in an up-flow anaerobic sludge blanket reactor. <i>Chemosphere</i> , 2018, 204, 227-234.	8.2	23
111	Discovery of Selective, Substrate-Competitive, and Passive Membrane Permeable Glycogen Synthase Kinase-3 <sup>l2</sup> Inhibitors: Synthesis, Biological Evaluation, and Molecular Modeling of New C-Glycosylflavones. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1166-1183.	3.5	32
112	Mutation of Phenylalanine-223 to Leucine Enhances Transformation of Benzo[ <i>a</i> ]pyrene by Ring-Hydroxylating Dioxygenase of <i>Sphingobium</i> sp. FB3 by increasing Accessibility of the Catalytic Site. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1206-1213.	5.2	10
113	Hexabromocyclododecanes (HBCDs) in fish: Evidence of recent HBCD input into the coastal environment. <i>Marine Pollution Bulletin</i> , 2018, 126, 357-362.	5.0	28
114	Design, Synthesis, and Antifungal Activities of 3-Acyl Thiotetronic Acid Derivatives: New Fatty Acid Synthase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1023-1032.	5.2	22
115	Fluorescent microarray for multiplexed quantification of environmental contaminants in seawater samples. <i>Talanta</i> , 2018, 184, 499-506.	5.5	13
116	Cytotoxic Effects of 24-Methylenecycloartanyl Ferulate on A549 Nonsmall Cell Lung Cancer Cells through MYBBP1A Up-Regulation and AKT and Aurora B Kinase Inhibition. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3726-3733.	5.2	12
117	“Cation Interactions in Molecular Recognition: Perspectives on Pharmaceuticals and Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3315-3323.	5.2	45
118	Synthesis and fungicidal activities of sanguinarine derivatives. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 3-10.	3.6	26
119	Enhanced degradation of prometryn and other s-triazine herbicides in pure cultures and wastewater by polyvinyl alcohol-sodium alginate immobilized <i>Leucobacter</i> sp. JW-1. <i>Science of the Total Environment</i> , 2018, 615, 78-86.	8.0	67
120	Efficiencies and mechanisms of ZSM5 zeolites loaded with cerium, iron, or manganese oxides for catalytic ozonation of nitrobenzene in water. <i>Science of the Total Environment</i> , 2018, 612, 1424-1432.	8.0	78
121	Comparison of a new air-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. <i>Pest Management Science</i> , 2018, 74, 448-455.	3.4	17
122	Developmental toxicity and inhibition of the fungicide hymexazol to melanin biosynthesis in zebrafish embryos. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 139-144.	3.6	14
123	Legacy and emerging organohalogenated contaminants in wild edible aquatic organisms: Implications for bioaccumulation and human exposure. <i>Science of the Total Environment</i> , 2018, 616-617, 38-45.	8.0	27
124	Persistent organic pollutants in fat of three species of Pacific pelagic longline caught sea turtles: Accumulation in relation to ingested plastic marine debris. <i>Science of the Total Environment</i> , 2018, 610-611, 402-411.	8.0	56
125	P1079: HARNESSING THE CATION INTERACTION IN RATIONAL DRUG DESIGN: DISCOVERY OF POTENT AND ISOFORM-SPECIFIC GSK3 <sup>l2</sup> INHIBITORS FOR ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P301.0.8		1
126	Distribution of Four Bioactive Flavonoids in Maize Tissues of Five Varieties and Correlation with Expression of the Biosynthetic Genes. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10431-10437.	5.2	15



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127	Characterization of Nicotine Catabolism through a Novel Pyrrolidine Pathway in <i>Pseudomonas</i> sp. S-1. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7393-7401.	5.2	11
128	Characterization of Plant Glycoproteins: Analysis of Plant Glycopeptide Mass Spectrometry Data with plantGlycoMS, a Package in the R Statistical Computing Environment. <i>Methods in Molecular Biology</i> , 2018, 1789, 205-220.	0.9	1
129	Strong and oriented conjugation of nanobodies onto magnetosomes for the development of a rapid immunomagnetic assay for the environmental detection of tetrabromobisphenol-A. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6633-6642.	3.7	26
130	The Risk of Polychlorinated Biphenyls Facilitating Tumors in Hawaiian Green Sea Turtles ( <i>Chelonia</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.6	3
131	Simultaneous Determination of Dimethenamid, Saflufenacil and their Metabolites in Maize Using a Modified QuEChERS Method and Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2018, 11, 3396-3405.	2.6	6
132	Treatment of petroleum wastewater using an up-flow anaerobic sludge blanket (UASB) reactor and turf soil as a support material. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 3317-3325.	3.2	8
133	Biodegradation of pyraclostrobin by two microbial communities from Hawaiian soils and metabolic mechanism. <i>Journal of Hazardous Materials</i> , 2018, 354, 225-230.	12.4	38
134	Polycyclic aromatic hydrocarbons in sediments and marine organisms: Implications of anthropogenic effects on the coastal environment. <i>Science of the Total Environment</i> , 2018, 640-641, 264-272.	8.0	84
135	Potential impact of the herbicide 2,4-dichlorophenoxyacetic acid on human and ecosystems. <i>Environment International</i> , 2018, 111, 332-351.	10.0	268
136	<i>Leucobacter triazinivorans</i> sp. nov., a s-triazine herbicide prometryn-degrading bacterium isolated from sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 204-210.	1.7	14
137	<i>Pseudomonas tianjinensis</i> sp. nov., isolated from domestic sewage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2760-2769.	1.7	6
138	Toxic effects of indoxacarb enantiomers on the embryonic development and induction of apoptosis in zebrafish larvae ( <i>Danio rerio</i> ). <i>Environmental Toxicology</i> , 2017, 32, 7-16.	4.0	23
139	Potential of wheat bran to promote indigenous microbial enhanced oil recovery. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 845-855.	3.0	5
140	Evaluation of sources of irreproducibility of retention indices under programmed temperature gas chromatography conditions. <i>Journal of Chromatography A</i> , 2017, 1495, 57-63.	3.7	4
141	Dissipation and Residue of Acephate and Its Metabolite Metamidophos in Peach and Pear Under Field Conditions. <i>International Journal of Environmental Research</i> , 2017, 11, 133-139.	2.3	4
142	Cassava postharvest physiological deterioration: a complex phenomenon involving calcium signaling, reactive oxygen species and programmed cell death. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 91.	2.1	34
143	Influence of plant growth regulating substances on transport and degradation of acephate and its metabolite methamidophos in tomato. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 345-354.	3.3	4
144	Expression and Characterization of Windmill Palm Tree ( <i>Trachycarpus fortunei</i> ) Peroxidase by <i>Pichia pastoris</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4676-4682.	5.2	8

#	ARTICLE	IF	CITATIONS
145	Exploring adduct formation between human serum albumin and eleven organophosphate ester flame retardants and plasticizers using MALDI-TOF/TOF and LC-Q/TOF. <i>Chemosphere</i> , 2017, 180, 169-177.	8.2	17
146	Trends in Food Enzymology. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4-5.	5.2	32
147	Interactions between salicylic acid and antioxidant enzymes tilting the balance of H <sub>2</sub> O <sub>2</sub> from photorespiration in non-target crops under halosulfuron-methyl stress. <i>Pesticide Biochemistry and Physiology</i> , 2017, 143, 214-223.	3.6	18
148	A case study of air quality - Pesticides and odorous phytochemicals on Kauai, Hawaii, USA. <i>Chemosphere</i> , 2017, 189, 143-152.	8.2	4
149	Comparison of Translocation and Transformation from Soil to Rice and Metabolism in Rats for Four Arsenic Species. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8992-8998.	5.2	10
150	Efficient ozonation of reverse osmosis concentrates from petroleum refinery wastewater using composite metal oxide-loaded alumina. <i>Petroleum Science</i> , 2017, 14, 605-615.	4.9	3
151	Development of Monoclonal Antibodies Recognizing Linear Epitope: Illustration by Three <i>Bacillus thuringiensis</i> Crystal Proteins of Genetically Modified Cotton, Maize, and Tobacco. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10115-10122.	5.2	6
152	Phosphorylation-mediated Regulatory Networks in Mycelia of <i>Pyricularia oryzae</i> Revealed by Phosphoproteomic Analyses. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1669-1682.	3.8	21
153	Evaluation of an up-flow anaerobic sludge bed (UASB) reactor containing diatomite and maifanite for the improved treatment of petroleum wastewater. <i>Bioresource Technology</i> , 2017, 243, 620-627.	9.6	50
154	A Simple and Rapid Turn On ES IPT Fluorescent Probe for Colorimetric and Ratiometric Detection of Biotinols in Living Cells. <i>Scientific Reports</i> , 2017, 7, 4377.	3.3	41
155	Novel hydrolytic de-methylthiolation of the s-triazine herbicide prometryn by <i>Leucobacter</i> sp. JW-1. <i>Science of the Total Environment</i> , 2017, 579, 115-123.	8.0	20
156	Comparison of Efficiencies and Mechanisms of Catalytic Ozonation of Recalcitrant Petroleum Refinery Wastewater by Ce, Mg, and Ce-Mg Oxides Loaded Al <sub>2</sub> O <sub>3</sub> . <i>Catalysts</i> , 2017, 7, 72.	3.5	14
157	Comparative Interactions of Dihydroquinazolin Derivatives with Human Serum Albumin Observed via Multiple Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 200.	2.5	8
158	Domestication Syndrome Is Investigated by Proteomic Analysis between Cultivated Cassava ( <i>Manihot</i> ) and Its Wild Ancestor <i>M. esculenta</i> . <i>PLoS ONE</i> , 2017, 12, e0171111.	2.9	14
159	Comparative Studies of Interactions between Fluorodihydroquinazolin Derivatives and Human Serum Albumin with Fluorescence Spectroscopy. <i>Molecules</i> , 2016, 21, 1373.	3.8	16
160	Basil ( <i>Ocimum basilicum</i> L.) Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 231-238.		17
161	Phenomenon of dual- and single-retention behaviors of solutes and its validation by computational simulation in linear programmed temperature gas chromatography. <i>Journal of Separation Science</i> , 2016, 39, 2785-2795.	2.5	1
162	Laboratory studies of rice bran as a carbon source to stimulate indigenous microorganisms in oil reservoirs. <i>Petroleum Science</i> , 2016, 13, 572-583.	4.9	3

#	ARTICLE	IF	CITATIONS
163	Potential and optimization of two-phase anaerobic digestion of oil refinery waste activated sludge and microbial community study. <i>Scientific Reports</i> , 2016, 6, 38245.	3.3	36
164	Investigation on Titanium Silicalite ETS-4 Catalyzed Ozonation for Chemicals in Wastewater, Exemplified With 4-Chlorophenol. <i>Clean - Soil, Air, Water</i> , 2016, 44, 1644-1651.	1.1	7
165	The Comparatively Proteomic Analysis in Response to Cold Stress in Cassava Plantlets. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 1095-1110.	1.8	26
166	Site-Specific N-Glycosylation Characterization of Windmill Palm Tree Peroxidase Using Novel Tools for Analysis of Plant Glycopeptide Mass Spectrometry Data. <i>Journal of Proteome Research</i> , 2016, 15, 2026-2038.	3.7	16
167	C-Glycosylflavones Alleviate Tau Phosphorylation and Amyloid Neurotoxicity through GSK3 $\beta$ Inhibition. <i>ACS Chemical Neuroscience</i> , 2016, 7, 912-923.	3.5	50
168	Effects of Polycyclic Aromatic Hydrocarbon Mixtures on Degradation, Gene Expression, and Metabolite Production in Four Mycobacterium Species. <i>Applied and Environmental Microbiology</i> , 2016, 82, 3357-3369.	3.1	67
169	Development of a monoclonal antibody-based enzyme-linked immunosorbent assay for the analysis of 6-benzylaminopurine and its ribose adduct in bean sprouts. <i>Food Chemistry</i> , 2016, 207, 233-238.	8.2	21
170	A camelid VHH-based fluorescence polarization immunoassay for the detection of tetrabromobisphenol A in water. <i>Analytical Methods</i> , 2016, 8, 7265-7271.	2.7	6
171	Draft genome sequence of Mycobacterium rufum JS14T, a polycyclic-aromatic-hydrocarbon-degrading bacterium from petroleum-contaminated soil in Hawaii. <i>Standards in Genomic Sciences</i> , 2016, 11, 47.	1.5	11
172	Concentrations, distribution, sources and risk assessment of organohalogenated contaminants in soils from Kenya, Eastern Africa. <i>Environmental Pollution</i> , 2016, 209, 177-185.	7.5	96
173	Development of a Specific Monoclonal Antibody for the Quantification of Artemisinin in <i>Artemisia annua</i> and Rat Serum. <i>Analytical Chemistry</i> , 2016, 88, 2701-2706.	6.5	20
174	Large-scale identification of membrane proteins with properties favorable for crystallization. <i>Protein Science</i> , 2015, 24, 1756-1763.	7.6	2
175	Environmental Biotechnology: Current Advances, New Knowledge Gaps, and Emerging Issues. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	2
176	Identification and Classification of Rhizobia by Matrix-Assisted Laser Desorption/Ionization Time-Of-Flight Mass Spectrometry. <i>Journal of Proteomics and Bioinformatics</i> , 2015, 08, 98-107.	0.4	6
177	Pulmonary Proteome and Protein Networks in Response to the Herbicide Paraquat in Rats. <i>Journal of Proteomics and Bioinformatics</i> , 2015, 08, 67-79.	0.4	4
178	Development of a Monoclonal Antibody-Based icELISA for the Detection of Ustiloxin B in Rice False Smut Balls and Rice Grains. <i>Toxins</i> , 2015, 7, 3481-3496.	3.4	19
179	Development of a monoclonal antibody-based ELISA for the detection of the novel insecticide cyantraniliprole. <i>RSC Advances</i> , 2015, 5, 35874-35881.	3.6	9
180	Manganese Sand Ore Is an Economical and Effective Catalyst for Ozonation of Organic Contaminants in Petrochemical Wastewater. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	16

#	ARTICLE	IF	CITATIONS
181	N ovosphingobium fluoreni sp. nov., isolated from rice seeds. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1409-1414.	1.7	16
182	A novel "wastes-treat-wastes" 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
183	Perfluoroalkyl sulfonates and carboxylic acids in liver, muscle and adipose tissues of black-footed albatross ( <i>Phoebastria nigripes</i> ) from Midway Island, North Pacific Ocean. Chemosphere, 2015, 138, 60-66.	8.2	32
184	Selection of phage-displayed peptides for the detection of imidacloprid in water and soil. Analytical Biochemistry, 2015, 485, 28-33.	2.4	16
185	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
186	Rapid biodegradation of organophosphorus pesticides by <i>Stenotrophomonas</i> sp. G1. Journal of Hazardous Materials, 2015, 297, 17-24.	12.4	171
187	Composition, Distribution, and Risk Assessment of Organochlorine Pesticides in Drinking Water Sources in South China. Water Quality, Exposure, and Health, 2015, 7, 89-97.	1.5	12
188	Organochlorine pesticides in follicular fluid of women undergoing assisted reproductive technologies from central China. Environmental Pollution, 2015, 207, 266-272.	7.5	17
189	Bioaccumulation and Elimination of the Herbicide Clomazone in the Earthworms <i>Eisenia fetida</i> . Bulletin of Environmental Contamination and Toxicology, 2015, 95, 606-610.	2.7	5
190	Kavalactone content and chemotype of kava beverages prepared from roots and rhizomes of <i>Isa</i> and <i>Mahakea</i> varieties and extraction efficiency of kavalactones using different solvents. Journal of Food Science and Technology, 2015, 52, 1164-1169.	2.8	25
191	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
192	Polychlorinated Biphenyls in the Plasma and Preen Oil of Black-Footed Albatross ( <i>Diomedea nigripes</i> ) Chicks and Adults on Midway Atoll, North Pacific Ocean. PLoS ONE, 2015, 10, e0123041.	2.5	4
193	Cellular and Subcellular Immunohistochemical Localization and Quantification of Cadmium Ions in Wheat ( <i>Triticum aestivum</i> ). PLoS ONE, 2015, 10, e0123779.	2.5	8
194	Comparison of Leaf Proteomes of Cassava ( <i>Manihot esculenta</i> Crantz) Cultivar NZ199 Diploid and Autotetraploid Genotypes. PLoS ONE, 2014, 9, e85991.	2.5	28
195	Amino Acid Sequence of Anionic Peroxidase from the Windmill Palm Tree <i>Trachycarpus fortunei</i> . Journal of Agricultural and Food Chemistry, 2014, 62, 11941-11948.	5.2	9
196	Genome sequence of <i>Mycobacterium aromaticivorans</i> JS19b1T, a novel isolate from Hawaiian soil. Journal of Biotechnology, 2014, 186, 137-138.	3.8	12
197	<i>Sphingobium</i> sp. FB3 degrades a mixture of polycyclic aromatic hydrocarbons. International Biodeterioration and Biodegradation, 2014, 87, 44-51.	3.9	31
198	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

#	ARTICLE	IF	CITATIONS
199	Development of a Sensitive Monoclonal Antibody-Based Enzyme-Linked Immunosorbent Assay for the Analysis of Paclitaxel Residue in Wheat Kernel. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1826-1831.	5.2	16
200	Concentrations, Source and Risk Assessment of Polycyclic Aromatic Hydrocarbons in Soils from Midway Atoll, North Pacific Ocean. <i>PLoS ONE</i> , 2014, 9, e86441.	2.5	53
201	Pasteurization of kava juice using novel continuous flow microwave heating technique. <i>Food Science and Biotechnology</i> , 2013, 22, 961-966.	2.6	11
202	A potential field suppression system for <i>Bactrocera dorsalis</i> Hendel. <i>Journal of Asia-Pacific Entomology</i> , 2013, 16, 513-519.	0.9	10
203	Diversity of Archaeal Communities within Contaminated Sand Samples from Johnston Atoll. <i>Bioremediation Journal</i> , 2013, 17, 182-189.	2.0	5
204	Multiple degradation pathways of phenanthrene by <i>Stenotrophomonas maltophilia</i> C6. <i>International Biodeterioration and Biodegradation</i> , 2013, 79, 98-104.	3.9	88
205	Metabolomic and proteomic insights into carbaryl catabolism by <i>Burkholderia</i> sp. C3 and degradation of ten N-methylcarbamates. <i>Biodegradation</i> , 2013, 24, 795-811.	3.0	45
206	Antiviral Activities and Putative Identification of Compounds in Microbial Extracts from the Hawaiian Coastal Waters. <i>Marine Drugs</i> , 2012, 10, 521-538.	4.6	16
207	Development of a sensitive monoclonal antibody-based enzyme-linked immunosorbent assay for the analysis of cadmium ions in water, soil and rape samples. <i>Food and Agricultural Immunology</i> , 2012, 23, 27-39.	1.4	6
208	A highly sensitive and selective immunoassay for the detection of tetrabromobisphenol A in soil and sediment. <i>Analytica Chimica Acta</i> , 2012, 751, 119-127.	5.4	42
209	Rapid identification and classification of <i>Mycobacterium</i> spp. using whole-cell protein barcodes with matrix assisted laser desorption ionization time of flight mass spectrometry in comparison with multigene phylogenetic analysis. <i>Analytica Chimica Acta</i> , 2012, 716, 133-137.	5.4	29
210	Strip-based immunoassay for the simultaneous detection of the neonicotinoid insecticides imidacloprid and thiamethoxam in agricultural products. <i>Talanta</i> , 2012, 101, 85-90.	5.5	43
211	<i>Mycobacterium aromaticorans</i> JS19b1T degrades phenanthrene through C-1,2, C-3,4 and C-9,10 dioxygenation pathways. <i>International Biodeterioration and Biodegradation</i> , 2012, 70, 96-103.	3.9	33
212	Comparative Protein and Metabolite Profiling Revealed a Metabolic Network in Response to Multiple Environmental Contaminants in <i>Mycobacterium aromaticorans</i> JS19b1T. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2876-2882.	5.2	17
213	Chemical Composition, Characterization, and Differentiation of Honey Botanical and Geographical Origins. <i>Advances in Food and Nutrition Research</i> , 2011, 62, 89-137.	3.0	111
214	Accumulation and maternal transfer of polychlorinated biphenyls in Steller Sea Lions ( <i>Eumetopias</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 71-77.	7.5	17
215	Phn and Nag-like dioxygenases metabolize polycyclic aromatic hydrocarbons in <i>Burkholderia</i> sp. C3. <i>Biodegradation</i> , 2011, 22, 1119-1133.	3.0	33
216	Application of mass spectrometry in the analysis of polybrominated diphenyl ethers. <i>Mass Spectrometry Reviews</i> , 2010, 29, 737-775.	5.4	30

#	ARTICLE	IF	CITATIONS
217	Rapid Analysis of Glucose, Fructose, Sucrose, and Maltose in Honeys from Different Geographic Regions using Fourier Transform Infrared Spectroscopy and Multivariate Analysis. <i>Journal of Food Science</i> , 2010, 75, C208-14.	3.1	104
218	Residues of Polybrominated Diphenyl Ethers in Honeys from Different Geographic Regions. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3495-3501.	5.2	16
219	Residues of organochlorine pesticides in honeys from different geographic regions. <i>Food Research International</i> , 2010, 43, 2329-2334.	6.2	40
220	Proteomics in Pesticide Toxicology. , 2010, , 603-626.		1
221	Rapid determination of six kavalactones in kava root and rhizome samples using Fourier transform infrared spectroscopy and multivariate analysis in comparison with gas chromatography. <i>Analytical Methods</i> , 2010, 2, 492.	2.7	10
222	PHYTOREMEDIATION OF HEPTACHLOR AND HEPTACHLOR EPOXIDE IN SOIL BY CUCURBITACEAE. <i>International Journal of Phytoremediation</i> , 2009, 11, 28-38.	3.1	14
223	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> . <i>Journal of Economic Entomology</i> , 2009, 102, 203-209.	1.8	137
224	Polycyclic aromatic hydrocarbon-degrading species isolated from Hawaiian soils: <i>Mycobacterium crocinum</i> sp. nov., <i>Mycobacterium pallens</i> sp. nov., <i>Mycobacterium rutilum</i> sp. nov., <i>Mycobacterium rufum</i> sp. nov. and <i>Mycobacterium aromaticivorans</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 378-387.	1.7	105
225	Bacterial Degradation of Aromatic Compounds. <i>International Journal of Environmental Research and Public Health</i> , 2009, 6, 278-309.	2.6	729
226	Rapid Determination of the Geographical Origin of Honey Based on Protein Fingerprinting and Barcoding Using MALDI TOF MS. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10081-10088.	5.2	96
227	Comparative metabolomic analysis of <i>Sinorhizobium</i> sp. C4 during the degradation of phenanthrene. <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 863-872.	3.6	75
228	Simultaneous use of gas chromatography/ion trap mass spectrometry $\alpha$ -electron capture detection to improve the analysis of bromodiphenyl ethers in biological and environmental samples. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 647-656.	1.5	14
229	Monoclonal Antibody-Based Enzyme Linked Immunosorbent Assay for the Analysis of Jasmonates in Plants. <i>Journal of Integrative Plant Biology</i> , 2008, 50, 1046-1052.	8.5	44
230	Application of Multibounce Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy and Chemometrics for Determination of Aspartame in Soft Drinks. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 778-783.	5.2	30
231	<i>Ferrimonas senticii</i> sp. nov., a novel gammaproteobacterium isolated from the mucus of a puffer fish caught in Kaneohe Bay, Hawai'i. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2670-2673.	1.7	13
232	Noncompetitive Fluorescent Immunoassay for the Detection of the Human Urinary Biomarker 3-Phenoxybenzoic Acid with Bench Top Immunosensor KinExA, \$ 3000. <i>ACS Symposium Series</i> , 2007, , 171-185.	0.5	2
233	Isolation and Characterization of Bacteria Capable of Degrading Polycyclic Aromatic Hydrocarbons (PAHs) and Organophosphorus Pesticides from PAH-Contaminated Soil in Hilo, Hawaii. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5383-5389.	5.2	94
234	Fluoranthene metabolism and associated proteins in <i>Mycobacterium</i> sp. JS14. <i>Proteomics</i> , 2007, 7, 2059-2069.	2.2	60

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235	Phenanthrene degradation in <i>Arthrobacter</i> 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. <i>Chemosphere</i> , 2006, 65, 2388-2394.	8.2	109
236	Comparison between conventional indirect competitive enzyme-linked immunosorbent assay (icELISA) and simplified icELISA for small molecules. <i>Analytica Chimica Acta</i> , 2006, 571, 79-85.	5.4	95
237	Degradation of dibenzothiophene and carbazole by <i>Arthrobacter</i> sp. P1-1. <i>International Biodeterioration and Biodegradation</i> , 2006, 58, 36-43.	3.9	55
238	Degradation of phenanthrene by <i>Burkholderia</i> sp. C3: initial 1,2- and 3,4-dioxygenation and meta- and ortho-cleavage of naphthalene-1,2-diol. <i>Biodegradation</i> , 2006, 18, 123-131.	3.0	78
239	Degradation pathways of phenanthrene by <i>Sinorhizobium</i> sp. C4. <i>Applied Microbiology and Biotechnology</i> , 2006, 71, 935-941.	3.6	75
240	Development of a monoclonal antibody-based enzyme-linked immunosorbent assay for the analysis of glycyrrhizic acid. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1735-40.	3.7	38
241	<i>Pseudoxanthomonas kalamensis</i> sp. nov., a novel gammaproteobacterium isolated from Johnston Atoll, North Pacific Ocean. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1103-1107.	1.7	24
242	Changes of Bt Toxin in the Rhizosphere of Transgenic Bt Cotton and its Influence on Soil Functional Bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 1279-1284.	3.6	66
243	Reductive Debromination of Polybrominated Diphenyl Ethers by Zerovalent Iron. <i>Environmental Science &amp; Technology</i> , 2005, 39, 2280-2286.	10.0	253
244	Quick Analysis of Fipronil and Its Metabolites in Gauze and Soil Samples. <i>ACS Symposium Series</i> , 2005, , 62-68.	0.5	0
245	Development of an immunobiosensor assay for the beta-adrenergic compound zilpaterol. <i>Food and Agricultural Immunology</i> , 2005, 16, 199-211.	1.4	13
246	Synthesis of Bacterial Metabolites of Polycyclic Aromatic Hydrocarbons: Benzochromenones, $\alpha$ -Carboxyvinyl naphthoates, and $\alpha$ -Substituted Aryl $\alpha$ -Oxobutenates. <i>Synthetic Communications</i> , 2005, 35, 2685-2693.	3.1	13
247	Phytoremediation in subtropical Hawaii? A review of over 100 plant species. <i>Remediation</i> , 2004, 14, 127-139.	2.4	19
248	Pressurized fluid extraction of carotenoids from <i>Haematococcus pluvialis</i> and <i>Dunaliella salina</i> and kavalactones from <i>Piper methysticum</i> . <i>Analytica Chimica Acta</i> , 2004, 501, 175-181.	5.4	149
249	Fungal laccase-catalyzed degradation of hydroxy polychlorinated biphenyls. <i>Chemosphere</i> , 2004, 56, 23-30.	8.2	109
250	Improved Enzyme-Linked Immunosorbent Assay for the Insecticide Imidacloprid. <i>ACS Symposium Series</i> , 2003, , 30-45.	0.5	1
251	DETERMINATION OF TOTAL IMIDACLOPRID RESIDUES IN COFFEE BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY. <i>Analytical Letters</i> , 2002, 35, 315-326.	1.8	13
252	Bench-Scale Phytoremediation of Polycyclic Aromatic Hydrocarbon-Contaminated Marine Sediment with Tropical Plants. <i>International Journal of Phytoremediation</i> , 2002, 4, 297-313.	3.1	32

#	ARTICLE	IF	CITATIONS
253	Selective Binding of Polychlorinated Biphenyl Congeners by a Monoclonal Antibody: Analysis by Kinetic Exclusion Fluorescence Immunoassay. <i>Analytical Chemistry</i> , 2001, 73, 5477-5484.	6.5	32
254	Na <sub>4</sub> EDTA-assisted in situ derivatization pressurized fluid extraction of polar herbicides in soil. <i>Analytica Chimica Acta</i> , 2001, 434, 283-289.	5.4	14
255	Stabilization of bound polycyclic aromatic hydrocarbons by a $\pi$ -cation interaction. <i>Journal of Molecular Biology</i> , 2000, 302, 691-699.	4.2	40
256	Derivation and Properties of Recombinant Fab Antibodies to Coplanar Polychlorinated Biphenyls. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 2614-2624.	5.2	23
257	Development of an Enzyme-Linked Immunosorbent Assay for the Insecticide Imidacloprid. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 3378-3382.	5.2	68
258	Pressurized Fluid Extraction for Quantitative Recovery of Chloroacetanilide and Nitrogen Heterocyclic Herbicides in Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 4097-4102.	5.2	22
259	Monoclonal Antibody-Based ELISAs for Part-per-Billion Determination of Polycyclic Aromatic Hydrocarbons: Effects of Haptens and Formats on Sensitivity and Specificity. <i>Analytical Chemistry</i> , 1999, 71, 302-309.	6.5	48
260	Action Mechanisms and Pharmacokinetics of Dihydromyricetin against Obesity. <i>ACS Food Science &amp; Technology</i> , 0, , .	2.7	0