

Ping Lu

List of Publications by Year in descending order

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74
papers

1,753
citations

304743

22
h-index

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37
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75
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75
docs citations

75
times ranked

1677
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigallocatechin 3- <i>g</i> gallate improves the quality of bull semen cryopreservation. <i>Andrologia</i> , 2022, 54, e14310.	2.1	6
2	Enantioselective bioaccumulation and toxicity of rac-sulfoxaflor in zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2022, 817, 153007.	8.0	11
3	Fine mapping of powdery mildew resistance gene <i>MIWE74</i> derived from wild emmer wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Ove 1235-1245.	3.6	12
4	Oligomeric Proanthocyanidins and Bamboo Leaf Flavonoids Improve the Quality of Bull Semen Cryopreservation. <i>Molecules</i> , 2022, 27, 1144.	3.8	8
5	Functional characterization of powdery mildew resistance gene <i>MIW172</i> , a new <i>Pm60</i> allele and its allelic variation in wild emmer wheat. <i>Journal of Genetics and Genomics</i> , 2022, 49, 787-795.	3.9	13
6	Multiresidue analysis and dietary risk assessment of pesticides in eight minor vegetables from Guizhou, China. <i>Food Chemistry</i> , 2022, 380, 131863.	8.2	17
7	Degradation of Sulfoxaflor in Water and Soil: Kinetics, Degradation Pathways, Transformation Product Identification, and Toxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3400-3408.	5.2	11
8	Interfered chromosome pairing at high temperature promotes meiotic instability in autotetraploid <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2022, 188, 1210-1228.	4.8	8
9	Rapid Determination of Mixed Pesticide Residues on Apple Surfaces by Surface-Enhanced Raman Spectroscopy. <i>Foods</i> , 2022, 11, 1089.	4.3	9
10	Insight into the differences in the toxicity mechanisms of dinotefuran enantiomers in zebrafish by UPLC-Q/TOF-MS. <i>Environmental Science and Pollution Research</i> , 2022, 29, 70833-70841.	5.3	3
11	Insight into the toxic effects, bioconcentration and oxidative stress of acetamiprid on <i>Rana nigromaculata</i> tadpoles. <i>Chemosphere</i> , 2022, 305, 135380.	8.2	9
12	Combined Experimental and Computational Study on the Transformation of a Novel 1,3,4-Oxadiazole Thioether Nematicide in Aqueous Solutions. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8963-8973.	5.2	3
13	<i>In situ</i> and rapid determination of acetamiprid residue on cabbage leaf using surface-enhanced Raman scattering. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3595-3604.	3.5	13
14	Residue determination and risk assessment of benziothiazolinone in citrus by LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 668-679.	3.3	2
15	Bulked segregant CGT-Seq-facilitated map-based cloning of a powdery mildew resistance gene originating from wild emmer wheat (<i>Triticum dicoccoides</i>). <i>Plant Biotechnology Journal</i> , 2021, 19, 1288-1290.	8.3	18
16	Effects of Apigenin and Astragalus Polysaccharide on the Cryopreservation of Bull Semen. <i>Animals</i> , 2021, 11, 1506.	2.3	7
17	A Sensitive SERS Method for Determination of Pymetrozine in Apple and Cabbage Based on an Easily Prepared Substrate. <i>Foods</i> , 2021, 10, 1874.	4.3	6
18	The enantioselective toxicity and oxidative stress of dinotefuran on zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112809.	6.0	24

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19	Dissipation and sorption-desorption of benzisothiazolinone in agricultural soils and identification of its metabolites. RSC Advances, 2021, 11, 5399-5410.	3.6	5
20	Detection of carbamazepine in saliva based on surface-enhanced Raman spectroscopy. Biomedical Optics Express, 2021, 12, 7673-7688.	2.9	10
21	Development and Validation of a Liquid Chromatography-Tandem Mass Spectrometry Method for Multiresidue Determination of 25 Herbicides in Soil and Tobacco. Chromatographia, 2020, 83, 229-239.	1.3	10
22	Oxidative Stress and Enantioselective Degradation of Dufulin on Tubifex. Environmental Toxicology and Chemistry, 2020, 39, 2136-2146.	4.3	4
23	Dissipation, Processing, Leaching, and Safety Evaluation of Flonicamid and Its Metabolites in Tea. Journal of AOAC INTERNATIONAL, 2020, 103, 1441-1450.	1.5	3
24	A rare single nucleotide variant in <i>Pm5e</i> confers powdery mildew resistance in common wheat. New Phytologist, 2020, 228, 1011-1026.	7.3	92
25	A CNL protein in wild emmer wheat confers powdery mildew resistance. New Phytologist, 2020, 228, 1027-1037.	7.3	89
26	Identification and fine mapping of spot blotch (<i>Bipolaris sorokiniana</i>) resistance gene Sb4 in wheat. Theoretical and Applied Genetics, 2020, 133, 2451-2459.	3.6	41
27	A rare gain of function mutation in a wheat tandem kinase confers resistance to powdery mildew. Nature Communications, 2020, 11, 680.	12.8	119
28	Dissipation, residues and risk assessment of oxine-copper and pyraclostrobin in citrus. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1538-1550.	2.3	13
29	Wheat powdery mildew resistance gene Pm64 derived from wild emmer (<i>Triticum turgidum</i> var.) Tj ETQq1 1 0.784314 rgBT /Overlook 761-770.	5.2	57
30	Simultaneous Determination of Flonicamid and its Metabolites in Tea by Liquid Chromatography-Tandem Mass Spectrometry. Analytical Letters, 2019, 52, 948-961.	1.8	19
31	Dissipation, residues, and risk assessment of imidacloprid in <i>Zizania latifolia</i> and purple sweet potato under field conditions using LC-MS/MS. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 89-97.	1.5	12
32	Simultaneous Determination of Rimsulfuron and Haloxyfop-P-methyl and Its Metabolite Haloxyfop in Tobacco Leaf by LC-MS/MS. Journal of AOAC INTERNATIONAL, 2019, 102, 1632-1640.	1.5	4
33	Simultaneous Determination of Rimsulfuron and Haloxyfop-P-methyl and Its Metabolite Haloxyfop in Tobacco Leaf by LC-MS/MS. Journal of AOAC INTERNATIONAL, 2019, 102, 1632-1640.	1.5	1
34	Mapping a leaf senescence gene <i>els1</i> by BSR-Seq in common wheat. Crop Journal, 2018, 6, 236-243.	5.2	25
35	Mapping stripe rust resistance genes by BSR-Seq: YrMM58 and YrHY1 on chromosome 2AS in Chinese wheat lines Mengmai 58 and Huaiyang 1 are Yr17. Crop Journal, 2018, 6, 91-98.	5.2	33
36	Dissipation, residues and risk assessment of spirotetramat and its four metabolites in citrus and soil under field conditions by LC-MS/MS. Biomedical Chromatography, 2018, 32, e4153.	1.7	20

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37	Residue dynamics and risk assessment of dimethoate in sweet potato, purple flowering stalk, Chinese kale, celery, and soil. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 767-783.	3.4	6
38	Molecular mapping of YrTZ2, a stripe rust resistance gene in wild emmer accession TZ-2 and its comparative analyses with <i>Aegilops tauschii</i> . <i>Journal of Integrative Agriculture</i> , 2018, 17, 1267-1275.	3.5	9
39	Residues, dissipation kinetics, and dietary intake risk assessment of two fungicides in grape and soil. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 100, 72-79.	2.7	32
40	Dissipation rates of saisentong residues in fresh tobacco, tobacco powder and soil determined by high-performance liquid chromatography coupled with diode array detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 355-367.	3.3	4
41	Development of a polyclonal antibody-based indirect competitive enzyme-linked immunosorbent assay to detect dufulin residue in water, soil and agricultural samples. <i>Food and Agricultural Immunology</i> , 2017, 28, 904-915.	1.4	3
42	Vapor-Liquid Equilibrium for Binary Systems of Allyl Alcohol + Water and Allyl Alcohol + Benzene at 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3004-3008.	1.9	12
43	Stereoselective Bioaccumulation of Water and Soil-Associated Dufulin Enantiomers in <i>Tubifex</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8569-8577.	5.2	6
44	Mapping stripe rust resistance gene YrZH22 in Chinese wheat cultivar Zhoumai 22 by bulked segregant RNA-Seq (BSR-Seq) and comparative genomics analyses. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2191-2201.	3.6	67
45	BMP4 mediates the interplay between adipogenesis and angiogenesis during expansion of subcutaneous white adipose tissue. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 302-312.	3.3	25
46	Aeolian sand transport above three desert surfaces in northern China with different characteristics (shifting sand, straw checkerboard, and gravel): field observations. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	8
47	Artemisinin derivatives prevent obesity by inducing browning of WAT and enhancing BAT function. <i>Cell Research</i> , 2016, 26, 1169-1172.	12.0	62
48	Multiresidue determination of pyrethroid pesticide residues in pepper through a modified QuEChERS method and gas chromatography with electron capture detection. <i>Biomedical Chromatography</i> , 2016, 30, 142-148.	1.7	25
49	Hydroxylation of benzene to phenol on Cu_xO_y @C with hydrogen peroxide. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 693-704.	1.7	5
50	Fine genetic mapping of spot blotch resistance gene Sb3 in wheat (<i>Triticum aestivum</i>). <i>Theoretical and Applied Genetics</i> , 2016, 129, 577-589.	3.6	71
51	Bioaccessibility of heavy metals in vegetables and its association with the physicochemical characteristics. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5335-5341.	5.3	14
52	High-Density Genetic Linkage Map Construction and QTL Mapping of Grain Shape and Size in the Wheat Population Yanda1817 Å– Beinong6. <i>PLoS ONE</i> , 2015, 10, e0118144.	2.5	167
53	Determination of Dufulin Residue in Vegetables, Rice, and Tobacco Using Liquid Chromatography with Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 1739-1744.	1.5	22
54	Comparative fine mapping of the Wax 1 (W1) locus in hexaploid wheat. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1595-1603.	3.6	22

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55	Determination of Thiophanate-Methyl and Carbendazim in Rapeseed by Solid-Phase Extraction and Ultra-High Performance Chromatography with Photodiode Array Detection. <i>Instrumentation Science and Technology</i> , 2015, 43, 511-523.	1.8	12
56	Fine Physical and Genetic Mapping of Powdery Mildew Resistance Gene MlW172 Originating from Wild Emmer (<i>Triticum dicoccoides</i>). <i>PLoS ONE</i> , 2014, 9, e100160.	2.5	36
57	Dissipation rates of dufulin residues in paddy, soil, and water determined by ultra-performance liquid chromatography coupled with photo-diode array detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 370-380.	3.3	10
58	Comparative genetic mapping and genomic region collinearity analysis of the powdery mildew resistance gene Pm41. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1741-1751.	3.6	32
59	Dissipation Rate and Residue Distribution of Dufulin in Tomato and Soil Under Field Conditions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 752-757.	2.7	9
60	Experimental investigation and numerical simulation of Marangoni effect induced by mass transfer during drop formation. <i>AIChE Journal</i> , 2013, 59, 4424-4439.	3.6	27
61	Synthesis of Hapten and Development of Immunoassay Based on Monoclonal Antibody for the Detection of Dufulin in Agricultural Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10302-10309.	5.2	13
62	Numerical simulation of the Marangoni effect on transient mass transfer from single moving deformable drops. <i>AIChE Journal</i> , 2011, 57, 2670-2683.	3.6	38
63	Synthesis and Antiviral Activities of Chiral Thiourea Derivatives. <i>Chinese Journal of Chemistry</i> , 2009, 27, 593-601.	4.9	13
64	Turbulence fields in the lee of two-dimensional transverse dunes simulated in a wind tunnel. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 204-216.	2.5	21
65	Effects of SnO on structure and properties of borosilicate glasses. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 547-550.	1.0	2
66	The coordination state of B and Al of borosilicate glass by IR spectra. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 419-421.	1.0	54
67	Chiral Separation of Novel α -Aminophosphonates Containing a Benzothiazole Moiety by Liquid Chromatography Using an Amylose Stationary Phase. <i>Chinese Journal of Chemistry</i> , 2008, 26, 1659-1665.	4.9	8
68	An analysis of drag force and moment for upright porous wind fences. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	10
69	Wind tunnel simulation of the three-dimensional airflow patterns around shrubs. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	31
70	Synthesis and Antiviral Bioactivities of α -Aminophosphonates Containing Alkoxyethyl Moieties. <i>Molecules</i> , 2006, 11, 666-676.	3.8	70
71	Wind tunnel experiments on the turbulent transmission over the near surface layer of different surfaces. <i>Environmental Geology</i> , 2006, 50, 983-988.	1.2	7
72	Synthesis and Antifungal Activity of Novel Chiral α -Aminophosphonates Containing Fluorine Moiety. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1581-1588.	4.9	52

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73	Synthesis and biological activity of novel 1-((2,3,4-trimethoxyphenyl)-[5-(3,4,5-trimethoxyphenyl)-1,3,4-thiadiazol-2-yl]thio)ethanone oxime ester derivatives. Journal of Heterocyclic Chemistry, 2006, 43, 867-871.		9
74	Real-time and <i>in situ</i> monitoring of organosilicon-induced thiram penetration into cabbage leaves by surface-enhanced Raman scattering mapping. Journal of the Science of Food and Agriculture, 0, , .	3.5	1