Shuangyu Xu

List of Publications by Citations

46	613	16	22
papers	citations	h-index	g-index
48	915	5.8	4.14
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
46	Using Coordination Assembly as the Microencapsulation Strategy to Promote the Efficacy and Environmental Safety of Pyraclostrobin. *Advanced Functional Materials*, **2017**, 27, 1701841	15.6	47
45	Phoxim Microcapsules Prepared with Polyurea and Urea-Formaldehyde Resins Differ in Photostability and Insecticidal Activity. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 2841-6	5.7	44
44	Life table study of the effects of sublethal concentrations of thiamethoxam on Bradysia odoriphaga Yang and Zhang. *Pesticide Biochemistry and Physiology*, **2014**, 111, 31-7	4.9	42
43	Nematicidal Activity of trans-2-Hexenal against Southern Root-Knot Nematode (Meloidogyne incognita) on Tomato Plants. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 544-550	5.7	37
42	Sublethal effects of chlorfenapyr on the life table parameters, nutritional physiology and enzymatic properties of Bradysia odoriphaga (Diptera: Sciaridae). *Pesticide Biochemistry and Physiology*, **2018**, 148, 93-102	4.9	29
41	Analysis of Particle Size Regulating the Insecticidal Efficacy of Phoxim Polyurethane Microcapsules on Leaves. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 17194-17203	8.3	26
40	Baseline sensitivity and control efficacy of antibiosis fungicide tetramycin against Botrytis cinerea. *European Journal of Plant Pathology*, **2016**, 146, 337-347	2.1	25
39	Baseline Sensitivity of Botrytis cinerea to the Succinate Dehydrogenase Inhibitor Isopyrazam and Efficacy of this Fungicide. *Plant Disease*, **2016**, 100, 1314-1320	1.5	23
38	Pyraclostrobin loaded lignin-modified nanocapsules: Delivery efficiency enhancement in soil improved control efficacy on tomato Fusarium crown and root rot. *Chemical Engineering Journal*, **2020**, 394, 124854	14.7	19
37	Porous microcapsules with tunable pore sizes provide easily controllable release and bioactivity. *Journal of Colloid and Interface Science*, **2018**, 517, 86-92	9.3	19
36	Modifying the Formulation of Abamectin To Promote Its Efficacy on Southern Root-Knot Nematode (Meloidogyne incognita) under Blending-of-Soil and Root-Irrigation Conditions. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 799-805	5.7	19
35	Assessment of ethylene glycol diacetate as an alternative carrier for use in agrochemical emulsifiable concentrate formulation. *Ecotoxicology and Environmental Safety*, **2018**, 163, 349-355	7	19
34	High-Efficiency Control of Gray Mold by the Novel SDHI Fungicide Benzovindiflupyr Combined with a Reasonable Application Approach of Dipping Flower. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 6692-6698	5.7	18
33	Chlorfenapyr, a Potent Alternative Insecticide of Phoxim To Control Bradysia odoriphaga (Diptera: Sciaridae). *Journal of Agricultural and Food Chemistry*, **2017**, 65, 5908-5915	5.7	18
32	Effects of trans-2-hexenal on reproduction, growth and behaviour and efficacy against the pinewood nematode, Bursaphelenchus xylophilus. *Pest Management Science*, **2017**, 73, 888-895	4.6	18
31	Dissipation dynamics of clothianidin and its control efficacy against Bradysia odoriphaga Yang and Zhang in Chinese chive ecosystems. *Pest Management Science*, **2016**, 72, 1396-404	4.6	17
30	Activity, Translocation, and Persistence of Isopyrazam for Controlling Cucumber Powdery Mildew. *Plant Disease*, **2017**, 101, 1139-1144	1.5	15

29	Sensitivity of Colletotrichum acutatum to six fungicides and reduction in incidence and severity of chili anthracnose using pyraclostrobin. *Australasian Plant Pathology*, **2017**, 46, 521-528	1.4	14
28	Comparative soil distribution and dissipation of phoxim and thiamethoxam and their efficacy in controlling Bradysia odoriphaga Yang and Zhang in Chinese chive ecosystems. *Crop Protection*, **2016**, 90, 1-8	2.7	13
27	Lignin-Modified Electronegative Epoxy Resin Nanocarriers Effectively Deliver Pesticides against Plant Root-Knot Nematodes (). *Journal of Agricultural and Food Chemistry*, **2020**, 68, 13562-13572	5.7	13
26	Screening, identification and application of soil bacteria with nematicidal activity against root-knot nematode (Meloidogyne incognita) on tomato. *Pest Management Science*, **2020**, 76, 2217-2224	4.6	12
25	Selection of organosilicone surfactants for tank-mixed pesticides considering the balance between synergistic effects on pests and environmental risks. *Chemosphere*, **2019**, 217, 591-598	8.4	12
24	Effects of the plant volatile trans-2-hexenal on the dispersal ability, nutrient metabolism and enzymatic activities of Bursaphelenchus xylophilus. *Pesticide Biochemistry and Physiology*, **2017**, 143, 147-153	4.9	11
23	Toxicological effects of the fungal volatile compound 1-octen-3-ol against the red flour beetle, Tribolium castaneum (Herbst). *Ecotoxicology and Environmental Safety*, **2021**, 208, 111597	7	11
22	Fungicide Formulations Influence Their Control Efficacy by Mediating Physicochemical Properties of Spray Dilutions and Their Interaction with Target Leaves. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 1198-1206	5.7	10
21	Two-stage controlled release system possesses excellent initial and long-term efficacy. *Colloids and Surfaces B: Biointerfaces*, **2018**, 169, 404-410	6	10
20	Baseline sensitivity and efficacy of the sterol biosynthesis inhibitor triflumizole against Botrytis cinerea. *Australasian Plant Pathology*, **2016**, 45, 65-72	1.4	9
19	Causation Analysis and Improvement Strategy for Reduced Pendimethalin Herbicidal Activity in the Field after Encapsulation in Polyurea. *ACS Omega*, **2018**, 3, 706-716	3.9	8
18	Role of Adjuvants in the Management of Anthracnose-Change in the Crystal Morphology and Wetting Properties of Fungicides. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 9232-9240	5.7	7
17	Eco-friendly Water-Based □Cyhalothrin Polydopamine Microcapsule Suspension with High Adhesion on Leaf for Reducing Pesticides Loss. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 12549-12557	5.7	7
16	Core/Shell Dual-Responsive Nanocarriers via Iron-Mineralized Electrostatic Self-Assembly for Precise Pesticide Delivery. *Advanced Functional Materials*, **2021**, 31, 2102027	15.6	7
15	Phenyl Isocyanate-Modified Avermectin B1a Improves the Efficacy against Plant-Parasitic Nematode Diseases by Facilitating Its Soil Mobility. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 2310-2319	8.3	4
14	Efficacy of fluopyram as a candidate trunk-injection agent against Bursaphelenchus xylophilus. *European Journal of Plant Pathology*, **2020**, 157, 403-411	2.1	4
13	Achieving Win-Win Ecotoxicological Safety and Fungicidal Activity of Pyraclostrobin-Loaded Polyurea Microcapsules by Selecting Proper Polyamines. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 2099-2107	5.7	4
12	Tank-mixing adjuvants enhanced the efficacy of fludioxonil on cucumber anthracnose by ameliorating the penetration ability of active ingredients on target interface. *Colloids and Surfaces B: Biointerfaces*, **2021**, 204, 111804	6	3

11	Octaphenyl polyoxyethylene regulates the flexibility of pyraclostrobin-loaded soft microcapsules by interfacial polymerization for better foliar adhesion and pesticide utilization. *Chemical Engineering Journal*, **2022**, 439, 135805	14.7	3
10	Mechanism of the temperature-responsive material regulating porous morphology on epoxy phenolic novolac resin microcapsule surface. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 593, 124581	5.1	2
9	Development of Boscalid Resistance in and an Efficient Strategy for Resistance Management. *Plant Disease*, **2021**, 105, 1042-1047	1.5	2
8	Using a reactive emulsifier to construct simple and convenient nanocapsules loaded with lambda-cyhalothrin to achieve efficient foliar delivery and insecticidal synergies. *Nanoscale*, **2021**, 13, 15647-15658	7.7	2
7	Impact of the equilibrium relationship between deposition and wettability behavior on the high-efficiency utilization of pesticides. *Pest Management Science*, **2021**, 77, 2485-2493	4.6	2
6	Easily Tunable Membrane Thickness of Microcapsules by Using a Coordination Assembly on the Liquid-Liquid Interface. *Frontiers in Chemistry*, **2018**, 6, 387	5	2
5	Self-Assembled Degradable Nanogels Provide Foliar Affinity and Pinning for Pesticide Delivery by Flexibility and Adhesiveness Adjustment. *ACS Nano*, **2021**, 15, 14598-14609	16.7	2
4	Comparative Analysis of in Response to the Microbial Secondary Metabolite Benzothiazole Using iTRAQ-Based Quantitative Proteomics. *Phytopathology*, **2021**, 111, 1313-1326	3.8	2
3	Dissipation kinetics and safety evaluation of pyraclostrobin and its desmethoxy metabolite BF 500-3 in a cucumber greenhouse agroecosystem. *Environmental Science and Pollution Research*, **2021**, 28, 17712-17723	5.1	1
2	Biological Activity of trans-2-Hexenal Against the Storage Insect Pest Tribolium castaneum (Coleoptera: Tenebrionidae) and Mycotoxigenic Storage Fungi. *Journal of Economic Entomology*, **2021**, 114, 979-987	2.2	1
1	The Bioactivity and Efficacy of Benzovindiflupyr Against , the Causal Agent of Cucumber Corynespora Leaf Spot. *Plant Disease*, **2021**, PDIS11202334RE	1.5	0