

# Shuangyu Xu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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

#	Paper	IF	Citations
46	Octaphenyl polyoxyethylene regulates the flexibility of pyraclostrobin-loaded soft microcapsules by interfacial polymerization for better foliar adhesion and pesticide utilization. <i>Chemical Engineering Journal</i> , <b>2022</b> , 439, 135805	14.7	3
45	Core/Shell Dual-Responsive Nanocarriers via Iron-Mineralized Electrostatic Self-Assembly for Precise Pesticide Delivery. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2102027	15.6	7
44	Toxicological effects of the fungal volatile compound 1-octen-3-ol against the red flour beetle, <i>Tribolium castaneum</i> (Herbst). <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111597	7	11
43	Development of Boscalid Resistance in and an Efficient Strategy for Resistance Management. <i>Plant Disease</i> , <b>2021</b> , 105, 1042-1047	1.5	2
42	Using a reactive emulsifier to construct simple and convenient nanocapsules loaded with lambda-cyhalothrin to achieve efficient foliar delivery and insecticidal synergies. <i>Nanoscale</i> , <b>2021</b> , 13, 15647-15658	7.7	2
41	Dissipation kinetics and safety evaluation of pyraclostrobin and its desmethoxy metabolite BF 500-3 in a cucumber greenhouse agroecosystem. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 17712-17723	5.1	1
40	Biological Activity of trans-2-Hexenal Against the Storage Insect Pest <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae) and Mycotoxigenic Storage Fungi. <i>Journal of Economic Entomology</i> , <b>2021</b> , 114, 979-987	2.2	1
39	Impact of the equilibrium relationship between deposition and wettability behavior on the high-efficiency utilization of pesticides. <i>Pest Management Science</i> , <b>2021</b> , 77, 2485-2493	4.6	2
38	Achieving Win-Win Ecotoxicological Safety and Fungicidal Activity of Pyraclostrobin-Loaded Polyurea Microcapsules by Selecting Proper Polyamines. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 2099-2107	5.7	4
37	The Bioactivity and Efficacy of Benzovindiflupyr Against , the Causal Agent of Cucumber <i>Corynespora</i> Leaf Spot. <i>Plant Disease</i> , <b>2021</b> , PDIS11202334RE	1.5	0
36	Tank-mixing adjuvants enhanced the efficacy of fludioxonil on cucumber anthracnose by ameliorating the penetration ability of active ingredients on target interface. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 204, 111804	6	3
35	Self-Assembled Degradable Nanogels Provide Foliar Affinity and Pinning for Pesticide Delivery by Flexibility and Adhesiveness Adjustment. <i>ACS Nano</i> , <b>2021</b> , 15, 14598-14609	16.7	2
34	Comparative Analysis of in Response to the Microbial Secondary Metabolite Benzothiazole Using iTRAQ-Based Quantitative Proteomics. <i>Phytopathology</i> , <b>2021</b> , 111, 1313-1326	3.8	2
33	Mechanism of the temperature-responsive material regulating porous morphology on epoxy phenolic novolac resin microcapsule surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 593, 124581	5.1	2
32	Screening, identification and application of soil bacteria with nematicidal activity against root-knot nematode ( <i>Meloidogyne incognita</i> ) on tomato. <i>Pest Management Science</i> , <b>2020</b> , 76, 2217-2224	4.6	12
31	Phenyl Isocyanate-Modified Avermectin B1a Improves the Efficacy against Plant-Parasitic Nematode Diseases by Facilitating Its Soil Mobility. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 2310-2319	8.3	4
30	Pyraclostrobin loaded lignin-modified nanocapsules: Delivery efficiency enhancement in soil improved control efficacy on tomato <i>Fusarium</i> crown and root rot. <i>Chemical Engineering Journal</i> , <b>2020</b> , 394, 124854	14.7	19

29	Efficacy of fluopyram as a candidate trunk-injection agent against <i>Bursaphelenchus xylophilus</i> . <i>European Journal of Plant Pathology</i> , <b>2020</b> , 157, 403-411	2.1	4
28	Fungicide Formulations Influence Their Control Efficacy by Mediating Physicochemical Properties of Spray Dilutions and Their Interaction with Target Leaves. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 1198-1206	5.7	10
27	Lignin-Modified Electronegative Epoxy Resin Nanocarriers Effectively Deliver Pesticides against Plant Root-Knot Nematodes (). <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 13562-13572	5.7	13
26	Eco-friendly Water-Based ECyhalothrin Polydopamine Microcapsule Suspension with High Adhesion on Leaf for Reducing Pesticides Loss. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 12549-12557	5.7	13
25	Role of Adjuvants in the Management of Anthracnose-Change in the Crystal Morphology and Wetting Properties of Fungicides. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 9232-9240	5.7	7
24	Selection of organosilicone surfactants for tank-mixed pesticides considering the balance between synergistic effects on pests and environmental risks. <i>Chemosphere</i> , <b>2019</b> , 217, 591-598	8.4	12
23	Sublethal effects of chlorfenapyr on the life table parameters, nutritional physiology and enzymatic properties of <i>Bradysia odoriphaga</i> (Diptera: Sciaridae). <i>Pesticide Biochemistry and Physiology</i> , <b>2018</b> , 148, 93-102	4.9	29
22	Causation Analysis and Improvement Strategy for Reduced Pendimethalin Herbicidal Activity in the Field after Encapsulation in Polyurea. <i>ACS Omega</i> , <b>2018</b> , 3, 706-716	3.9	8
21	Porous microcapsules with tunable pore sizes provide easily controllable release and bioactivity. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 517, 86-92	9.3	19
20	Modifying the Formulation of Abamectin To Promote Its Efficacy on Southern Root-Knot Nematode ( <i>Meloidogyne incognita</i> ) under Blending-of-Soil and Root-Irrigation Conditions. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 799-805	5.7	19
19	Assessment of ethylene glycol diacetate as an alternative carrier for use in agrochemical emulsifiable concentrate formulation. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 163, 349-355	7	19
18	High-Efficiency Control of Gray Mold by the Novel SDHI Fungicide Benzovindiflupyr Combined with a Reasonable Application Approach of Dipping Flower. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 6692-6698	5.7	18
17	Easily Tunable Membrane Thickness of Microcapsules by Using a Coordination Assembly on the Liquid-Liquid Interface. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 387	5	2
16	Analysis of Particle Size Regulating the Insecticidal Efficacy of Phoxim Polyurethane Microcapsules on Leaves. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 17194-17203	8.3	26
15	Two-stage controlled release system possesses excellent initial and long-term efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 169, 404-410	6	10
14	Using Coordination Assembly as the Microencapsulation Strategy to Promote the Efficacy and Environmental Safety of Pyraclostrobin. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701841	15.6	47
13	Nematicidal Activity of trans-2-Hexenal against Southern Root-Knot Nematode ( <i>Meloidogyne incognita</i> ) on Tomato Plants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 544-550	5.7	37
12	Sensitivity of <i>Colletotrichum acutatum</i> to six fungicides and reduction in incidence and severity of chili anthracnose using pyraclostrobin. <i>Australasian Plant Pathology</i> , <b>2017</b> , 46, 521-528	1.4	14

11	Effects of the plant volatile trans-2-hexenal on the dispersal ability, nutrient metabolism and enzymatic activities of <i>Bursaphelenchus xylophilus</i> . <i>Pesticide Biochemistry and Physiology</i> , <b>2017</b> , 143, 147-153	4.9	11
10	Activity, Translocation, and Persistence of Isopyrazam for Controlling Cucumber Powdery Mildew. <i>Plant Disease</i> , <b>2017</b> , 101, 1139-1144	1.5	15
9	Chlorfenapyr, a Potent Alternative Insecticide of Phoxim To Control <i>Bradysia odoriphaga</i> (Diptera: Sciaridae). <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 5908-5915	5.7	18
8	Effects of trans-2-hexenal on reproduction, growth and behaviour and efficacy against the pinewood nematode, <i>Bursaphelenchus xylophilus</i> . <i>Pest Management Science</i> , <b>2017</b> , 73, 888-895	4.6	18
7	Comparative soil distribution and dissipation of phoxim and thiamethoxam and their efficacy in controlling <i>Bradysia odoriphaga</i> Yang and Zhang in Chinese chive ecosystems. <i>Crop Protection</i> , <b>2016</b> , 90, 1-8	2.7	13
6	Baseline sensitivity and control efficacy of antibiosis fungicide tetramycin against <i>Botrytis cinerea</i> . <i>European Journal of Plant Pathology</i> , <b>2016</b> , 146, 337-347	2.1	25
5	Baseline sensitivity and efficacy of the sterol biosynthesis inhibitor triflumizole against <i>Botrytis cinerea</i> . <i>Australasian Plant Pathology</i> , <b>2016</b> , 45, 65-72	1.4	9
4	Dissipation dynamics of clothianidin and its control efficacy against <i>Bradysia odoriphaga</i> Yang and Zhang in Chinese chive ecosystems. <i>Pest Management Science</i> , <b>2016</b> , 72, 1396-404	4.6	17
3	Baseline Sensitivity of <i>Botrytis cinerea</i> to the Succinate Dehydrogenase Inhibitor Isopyrazam and Efficacy of this Fungicide. <i>Plant Disease</i> , <b>2016</b> , 100, 1314-1320	1.5	23
2	Phoxim Microcapsules Prepared with Polyurea and Urea-Formaldehyde Resins Differ in Photostability and Insecticidal Activity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2841-6	5.7	44
1	Life table study of the effects of sublethal concentrations of thiamethoxam on <i>Bradysia odoriphaga</i> Yang and Zhang. <i>Pesticide Biochemistry and Physiology</i> , <b>2014</b> , 111, 31-7	4.9	42