

# Liupeng Yang

## List of Publications by Year in descending order

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18  
papers

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citations

840776

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Carboxylated $\beta$ -cyclodextrin anchored hollow mesoporous silica enhances insecticidal activity and reduces the toxicity of indoxacarb. <i>Carbohydrate Polymers</i> , 2021, 266, 118150.	10.2	31
2	Pathogenic Invasion-Responsive Carrier Based on Mesoporous Silica/ $\beta$ -Glucan Nanoparticles for Smart Delivery of Fungicides. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9126-9138.	6.7	28
3	Preparation of sodium alginate-poly (vinyl alcohol) blend beads for base-triggered release of dinotefuran in <i>Spodoptera litera</i> midgut. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110935.	6.0	22
4	Dissipation and distribution of difenoconazole in bananas and a risk assessment of dietary intake. <i>Environmental Science and Pollution Research</i> , 2020, 27, 15365-15374.	5.3	19
5	Insecticidal efficacy and mechanism of nanoparticles synthesized from chitosan and carboxymethyl chitosan against <i>Solenopsis invicta</i> (Hymenoptera: Formicidae). <i>Carbohydrate Polymers</i> , 2021, 260, 117839.	10.2	19
6	Indoxacarb-Loaded Anionic Polyurethane Blend with Sodium Alginate Improves pH Sensitivity and Ecological Security for Potential Application in Agriculture. <i>Polymers</i> , 2020, 12, 1135.	4.5	14
7	Efficiency of mesoporous silica/carboxymethyl $\beta$ -glucan as a fungicide nano-delivery system for improving chlorothalonil bioactivity and reduce biotoxicity. <i>Chemosphere</i> , 2022, 287, 131902.	8.2	14
8	Floating chitosan-alginate microspheres loaded with chlorantraniliprole effectively control <i>Chilo suppressalis</i> (Walker) and <i>Sesamia inferens</i> (Walker) in rice fields. <i>Science of the Total Environment</i> , 2021, 783, 147088.	8.0	13
9	A pH- and redox-stimulated responsive hollow mesoporous silica for triggered delivery of fungicides to control downy mildew of <i>Luffa cylindrica</i> . <i>Pest Management Science</i> , 2022, 78, 3365-3375.	3.4	13
10	Dissipation and residue of dimethomorph in potato plants produced and dietary intake risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1332-1344.	3.3	12
11	Pest Invasion-Responsive Hollow Mesoporous Silica-Linked Carboxymethyl Starch Nanoparticles for Smart Abamectin Delivery. <i>ACS Applied Nano Materials</i> , 2022, 5, 3458-3469.	5.0	12
12	Fabrication of sulfoxaflor-loaded natural polysaccharide floating hydrogel microspheres against <i>Nilaparvata lugens</i> (Stal) in rice fields. <i>Pest Management Science</i> , 2020, 76, 3046-3055.	3.4	11
13	Toxicity and Sublethal Effects of Autumn Crocus ( <i>Colchicum autumnale</i> ) Bulb Powder on Red Imported Fire Ants ( <i>Solenopsis invicta</i> ). <i>Toxins</i> , 2020, 12, 731.	3.4	10
14	Fabricated chlorantraniliprole loaded chitosan/alginate hydrogel rings effectively control <i>Spodoptera frugiperda</i> in maize ears. <i>Crop Protection</i> , 2021, 143, 105539.	2.1	9
15	Preparation of alginate-chitosan floating granules loaded with 2-methyl-4-chlorophenoxy acetic acid (MCPA) and their bioactivity on water hyacinth. <i>Pest Management Science</i> , 2021, 77, 3942-3951.	3.4	8
16	$\beta$ -Glucan-Functionalized Mesoporous Silica Nanoparticles for Smart Control of Fungicide Release and Translocation in Plants. <i>ACS Omega</i> , 2022, 7, 14807-14819.	3.5	8
17	Fumigation activity of essential oils of <i>Cinnamomum loureirii</i> toward red imported fire ant workers. <i>Journal of Pest Science</i> , 2023, 96, 647-662.	3.7	7
18	Dissipation and distribution of pyraclostrobin in bananas at different temperature and a risk assessment of dietary intake. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-13.	3.3	5