

Translocation, distribution and degradation of prochloron nanoparticles in cucumber plants

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Fluorophore-free luminescent double-shelled hollow mesoporous silica nanoparticles as pesticide delivery vehicles. <i>Nanoscale</i> , 2018, 10, 20354-20365.	2.8	74
2	MgONPs Can Boost Plant Growth: Evidence from Increased Seedling Growth, Morpho-Physiological Activities, and Mg Uptake in Tobacco (<i>Nicotiana tabacum</i> L.). <i>Molecules</i> , 2018, 23, 3375.	1.7	55
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5	Uptake and Distribution of Fenoxanil-Loaded Mesoporous Silica Nanoparticles in Rice Plants. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2854.	1.8	35
6	Rational Ligand Design To Improve Agrochemical Delivery Efficiency and Advance Agriculture Sustainability. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13599-13610.	3.2	37
7	Effect of adhesion force on the height pesticide droplets bounce on impaction with cabbage leaf surfaces. <i>Soft Matter</i> , 2018, 14, 8030-8035.	1.2	28
8	Influence of the surface limiting elasticity modulus on the impact behavior of droplets of difenoconazole-loaded mesoporous silica nanoparticles with associated SDS. <i>Soft Matter</i> , 2018, 14, 6070-6075.	1.2	4
9	Emulsion-based synchronous pesticide encapsulation and surface modification of mesoporous silica nanoparticles with carboxymethyl chitosan for controlled azoxystrobin release. <i>Chemical Engineering Journal</i> , 2018, 348, 244-254.	6.6	146
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14	Polydopamine microcapsules from cellulose nanocrystal stabilized Pickering emulsions for essential oil and pesticide encapsulation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 570, 403-413.	2.3	68
15	Sulfonate-Functionalized Mesoporous Silica Nanoparticles as Carriers for Controlled Herbicide Diquat Dibromide Release through Electrostatic Interaction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1330.	1.8	36
16	A novel fluorescence aptasensor based on mesoporous silica nanoparticles for selective and sensitive detection of aflatoxin B1. <i>Analytica Chimica Acta</i> , 2019, 1068, 87-95.	2.6	61
17	Evaluation of biomimetically synthesized mesoporous silica nanoparticles as drug carriers: Structure, wettability, degradation, biocompatibility and brain distribution. <i>Materials Science and Engineering C</i> , 2019, 94, 453-464.	3.8	59
18	A non-classical route of efficient plant uptake verified with fluorescent nanoparticles and root adhesion forces investigated using AFM. <i>Scientific Reports</i> , 2020, 10, 19233.	1.6	12

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