

Targeted delivery of nanomaterials with chemical cargo biorecognition motif

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Applications of CRISPR-Cas in agriculture and plant biotechnology. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 661-677.	16.1	433
2	Plastid Transformation: How Does it Work? Can it Be Applied to Crops? What Can it Offer?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4854.	1.8	47
3	TiO ₂ @ZnO nanocomposites decorated with gold nanoparticles: Synthesis, characterization and their antifungal, antibacterial, anti-inflammatory and anticancer activities. <i>Inorganic Chemistry Communication</i> , 2020, 121, 108210.	1.8	32
4	Nanoparticle-mediated gene transformation strategies for plant genetic engineering. <i>Plant Journal</i> , 2020, 104, 880-891.	2.8	74
5	Fate and Effects of Engineered Nanomaterials in Agricultural Systems. <i>Nanotechnology in the Life Sciences</i> , 2021, , 269-292.	0.4	0
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8	ROS Homeostasis and Plant Salt Tolerance: Plant Nanobiotechnology Updates. <i>Sustainability</i> , 2021, 13, 3552.	1.6	59
9	CRISPR/Cas9-Mediated Gene Editing Revolutionizes the Improvement of Horticulture Food Crops. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13260-13269.	2.4	21
10	Nanotechnology to advance CRISPR-Cas genetic engineering of plants. <i>Nature Nanotechnology</i> , 2021, 16, 243-250.	15.6	119
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15	When nano meets plants: A review on the interplay between nanoparticles and plants. <i>Nano Today</i> , 2021, 38, 101143.	6.2	70
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17	Nanotechnology Approaches for Chloroplast Biotechnology Advancements. <i>Frontiers in Plant Science</i> , 2021, 12, 691295.	1.7	25
18	Biostimulation and toxicity: The magnitude of the impact of nanomaterials in microorganisms and plants. <i>Journal of Advanced Research</i> , 2021, 31, 113-126.	4.4	69

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19	Star Polymer Size, Charge Content, and Hydrophobicity Affect their Leaf Uptake and Translocation in Plants. <i>Environmental Science & Technology</i> , 2021, 55, 10758-10768.	4.6	36
20	Recent advances in nano-enabled agriculture for improving plant performance. <i>Crop Journal</i> , 2022, 10, 1-12.	2.3	68
21	RNAs “ a new frontier in crop protection. <i>Current Opinion in Biotechnology</i> , 2021, 70, 204-212.	3.3	45
22	From mouse to mouse“ear cress: Nanomaterials as vehicles in plant biotechnology. <i>Exploration</i> , 2021, 1, 9-20.	5.4	27
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31	High-throughput methods for genome editing: the more the better. <i>Plant Physiology</i> , 2022, 188, 1731-1745.	2.3	10
32	Comment on “Foliar application of nanoparticles: mechanisms of absorption, transfer, and multiple impacts” by J. Hong, C. Wang, D. C. Wagner, J. L. Gardea-Torresdey, F. He and C. M. Rico, <i>Environ. Sci.: Nano</i> , 2021, 8, 1196-1210, DOI: 10.1039/D0EN01129K. <i>Environmental Science: Nano</i> , 2022, 9, 1180-1184.	2.2	1
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38	CRISPR-Cas gene editing technology and its application prospect in medicinal plants. <i>Chinese Medicine</i> , 2022, 17, 33.	1.6	19
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