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Total Biosynthesis for Milligram-Scale Production of Etoposide Intermediates in a Plant Chassis

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44	Synthetic biology for natural product drug production and engineering. <i>Current Opinion in Chemical Biology</i> , 2020 , 58, 137-145	9.7	8
43	Hot off the Press. <i>Natural Product Reports</i> , 2020 , 37, 145-149	15.1	1
42	Engineering etoposide. <i>Nature Reviews Chemistry</i> , 2020 , 4, 63-63	34.6	1
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40	Hancockiamides: phenylpropanoid piperazines from are biosynthesised by a versatile dual single-module NRPS pathway. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 587-595	3.9	14
39	Acyl Derivatives of Eudesmanolides To Boost their Bioactivity: An Explanation of Behavior in the Cell Membrane Using a Molecular Dynamics Approach. <i>ChemMedChem</i> , 2021 , 16, 1297-1307	3.7	1
38	Higher Plant Sources of Cancer Chemotherapeutic Agents and the Potential Role of Biotechnological Approaches for Their Supply. <i>Sustainable Development and Biodiversity</i> , 2021 , 545-581	2.1	
37	Biocatalysis. <i>Nature Reviews Methods Primers</i> , 2021 , 1,		57
36	Practical Enzymatic Production of Carbocycles. <i>Chemistry - A European Journal</i> , 2021 , 27, 11773-11794	4.8	3
35	Recent Advances in the Synthetic Biology of Natural Drugs. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 691152	5.8	2
34	Reconstitution of monoterpene indole alkaloid biosynthesis in <i>Nicotiana benthamiana</i> .		1
33	Utilizing Plant Synthetic Biology to Improve Human Health and Wellness. <i>Frontiers in Plant Science</i> , 2021 , 12, 691462	6.2	1
32	Synthetic biology of plant natural products: From pathway elucidation to engineered biosynthesis in plant cells. <i>Plant Communications</i> , 2021 , 2, 100229	9	3
31	Synthesis of (-)-deoxypodophyllotoxin and (-)-epipodophyllotoxin via a multi-enzyme cascade in <i>E. coli</i> . <i>Microbial Cell Factories</i> , 2021 , 20, 183	6.4	1
30	Plant Copper Metalloenzymes As Prospects for New Metabolism Involving Aromatic Compounds.. <i>Frontiers in Plant Science</i> , 2021 , 12, 692108	6.2	0

29	sequencing and native mass spectrometry revealed hetero-association of dirigent protein homologs and potential interacting proteins in <i>Analyst, The</i> , 2021 , 146, 7670-7681	5	
28	Recent advances in the total synthesis of 2,7-dihydroxycyclo lignans.. <i>Organic and Biomolecular Chemistry</i> , 2022 ,	3.9	1
27	?????????????????. <i>Scientia Sinica Vitae</i> , 2022 ,	1.4	
26	Using genome and transcriptome analysis to elucidate biosynthetic pathways.. <i>Current Opinion in Biotechnology</i> , 2022 , 75, 102708	11.4	0
25	Rapid Combinatorial Coexpression of Biosynthetic Genes by Transient Expression in the Plant Host <i>Nicotiana benthamiana</i> .. <i>Methods in Molecular Biology</i> , 2022 , 2489, 395-420	1.4	1
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23	Tunable control of insect pheromone biosynthesis in <i>Nicotiana benthamiana</i> .		0
22	Plant-based engineering for production of high-valued natural products. <i>Natural Product Reports</i> ,	15.1	0
21	Making small molecules in plants: A chassis for synthetic biology-based production of plant natural products. <i>Journal of Integrative Plant Biology</i> ,	8.3	1
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18	3D-printed autoclavable plant holders to facilitate large-scale protein production in plants.		
17	A structure-guided computational screening approach for predicting plant enzyme-metabolite interactions. 2022 ,		0
16	Biosynthesis, total synthesis, and pharmacological activities of aryltetralin-type lignan podophyllotoxin and its derivatives. 2022 , 39, 1856-1875		1
15	Natural Products of Medicinal Plants: Biosynthesis and Bioengineering in Post-Genomic Era.		1
14	Transcriptional Reactivation of Lignin Biosynthesis for the Heterologous Production of Etoposide Aglycone in <i>Nicotiana benthamiana</i> .		0
13	Reconstitution of monoterpene indole alkaloid biosynthesis in genome engineered <i>Nicotiana benthamiana</i> . 2022 , 5,		1
12	Heterologous biosynthesis of isobavachalcone in tobacco based on in planta screening of prenyltransferases. 13,		0

11	Production of beneficial lignans in heterologous host plants. 13,	0
10	Discovery, bioactivity and biosynthesis of fungal piperazines.	0
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8	Leveraging synthetic biology and metabolic engineering to overcome obstacles in plant pathway elucidation. 2023 , 71, 102330	2
7	Plant-derived Anticancer Drugs and Research Trends of Plant Synthetic Biology for Production Improvement. 2022 , 30, 462-480	0
6	Exploiting photosynthesis-driven P450 activity to produce indican in tobacco chloroplasts. 13,	0
5	Tunable control of insect pheromone biosynthesis in <i>Nicotiana benthamiana</i> .	0
4	Potentiation of Apoptotic Effect of Combination of Etoposide and Quercetin on HepG2 Liver Cancer Cells. 2023 , 23,	0
3	Multiplicity of <i>Agrobacterium</i> infection of <i>Nicotiana benthamiana</i> for transient DNA delivery.	0
2	Deciphering the network of cholesterol biosynthesis in <i>Paris polyphylla</i> laid a base for efficient diosgenin production in plant chassis. 2023 , 76, 232-246	0
1	A Suite of Constitutive Promoters for Tuning Gene Expression in Plants.	0