

Juan Du

List of Publications by Year in descending order

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papers

314
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1040056

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docs citations

18
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in the Pectin Methyltransferase QUASIMODO2 Influence Cellulose Biosynthesis and Wall Integrity in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 3576-3597.	6.6	72
2	Dynamics of pectic homogalacturonan in cellular morphogenesis and adhesion, wall integrity sensing and plant development. <i>Nature Plants</i> , 2022, 8, 332-340.	9.3	63
3	A transition-metal-free multicomponent reaction towards constructing chiral 2 <i>H</i> -1,4-benzoxazine scaffolds. <i>Green Chemistry</i> , 2020, 22, 7506-7512.	9.0	28
4	Enantioselective Synthesis of Multifunctionalized 4 <i>H</i> -Pyrans via Formal [4 + 2] Annulation Process by Bifunctional Phosphonium Salt Catalysis. <i>Organic Letters</i> , 2020, 22, 395-399.	4.6	24
5	A pectin methyltransferase modulates polysaccharide dynamics and interactions in Arabidopsis primary cell walls: Evidence from solid-state NMR. <i>Carbohydrate Polymers</i> , 2021, 270, 118370.	10.2	23
6	Construction of hydrophobic interface on natural biomaterials for higher efficient and reversible radioactive iodine adsorption in water. <i>Journal of Hazardous Materials</i> , 2019, 368, 81-89.	12.4	22
7	Bifunctional Phosphonium Salt-catalyzed Enantioselective [4+2] Annulation of Isoindigos with Allenes: Access to Complex Heterocycles with Centerpiece of 4 <i>H</i> -Pyrans. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2510-2516.	4.3	19
8	Silicon nanoparticles-based ratiometric fluorescence platform: Real-time visual sensing to ciprofloxacin and Cu ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119599.	3.9	14
9	Highly Enantioselective Synthesis of Phosphorus-Containing μ -Benzosultams by Bifunctional Phosphonium Salt-Promoted Hydrophosphonylation. <i>Chemistry - A European Journal</i> , 2021, 27, 11285-11290.	3.3	14
10	Overexpression of a pectin methyltransferase gene PtoPME35 from <i>Populus tomentosa</i> influences stomatal function and drought tolerance in <i>Arabidopsis thaliana</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 416-422.	2.1	10
11	New Components of the Lignin Biosynthetic Metabolon. <i>Trends in Plant Science</i> , 2018, 23, 557-559.	8.8	5
12	Oxidative coupling of 2,6-dimethylphenol catalyzed by copper(II) complexes in aqueous solution. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2043-2049.	2.6	4
13	Effect of Hydrogen Binding on Selective Recognition of Halide Anions. <i>Chinese Journal of Chemistry</i> , 2016, 34, 866-872.	4.9	4
14	Longitudinal Change in Symptom Clusters in Patients With Ovarian Cancer. <i>The Journal of Nursing Research: JNR</i> , 2022, 30, e196.	1.7	4
15	Metallocellar Catalysis: Hydrolysis of PNPP Catalyzed by Copper(II), Zinc(II), Cerium(IV) Complexes with Long Alkyl Pyridine Ligands in CTAB Micellar Solution. <i>Journal of Dispersion Science and Technology</i> , 2009, 30, 1182-1187.	2.4	2
16	The Root Hair Development of Pectin Polygalacturonase PGX2 Activation Tagging Line in Response to Phosphate Deficiency. <i>Frontiers in Plant Science</i> , 2022, 13, 862171.	3.6	2
17	Pectin methyltransferase QUASIMODO2 functions in the formation of seed coat mucilage in Arabidopsis. <i>Journal of Plant Physiology</i> , 2022, 274, 153709.	3.5	2