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List of Publications by Year
in descending order

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18 papers	443 citations	932766 10 h-index	887659 17 g-index
20 all docs	20 docs citations	20 times ranked	572 citing authors

#	Article	IF	Citations
1	New Water-Soluble Cytokinin Derivatives and Their Beneficial Impact on Barley Yield and Photosynthesis. Journal of Agricultural and Food Chemistry, 2022, 70, 7288-7301.	2.4	2
2	Synthesis and Chemistry of Meta-Topolin and Related Compounds. , 2021, , 11-22.		0
3	Cytokinin fluoroprobe reveals multiple sites of cytokinin perception at plasma membrane and endoplasmic reticulum. Nature Communications, 2020, 11, 4285.	5.8	64
4	Naturally Occurring and Artificial N9-Cytokinin Conjugates: From Synthesis to Biological Activity and Back. Biomolecules, 2020, 10, 832.	1.8	19
5	Aromatic Cytokinin Arabinosides Promote PAMP-like Responses and Positively Regulate Leaf Longevity. ACS Chemical Biology, 2020, 15, 1949-1963.	1.6	22
6	The effects of novel synthetic cytokinin derivatives and endogenous cytokinins on the in vitro growth responses of hemp (Cannabis sativa L.) explants. Plant Cell, Tissue and Organ Culture, 2019, 139, 381-394.	1.2	37
7	6-Substituted purines as ROCK inhibitors with anti-metastatic activity. Bioorganic Chemistry, 2019, 90, 103005.	2.0	7
8	Design, synthesis and perception of fluorescently labeled isoprenoid cytokinins. Phytochemistry, 2018, 150, 1-11.	1.4	7
9	Deciphering the growth pattern and phytohormonal content in Saskatoon berry (Amelanchier) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.4	10
10	New cytokinin derivatives possess UVA and UVB photoprotective effect on human skin cells and prevent oxidative stress. European Journal of Medicinal Chemistry, 2018, 150, 946-957.	2.6	21
11	Total synthesis of [¹⁵ N]-labelled C6-substituted purines from [¹⁵ N]-formamideâ€"easy preparation of isotopically labelled cytokinins and derivatives. Royal Society Open Science, 2018, 5, 181322.	1.1	6
12	Role of Cytokinins in Senescence, Antioxidant Defence and Photosynthesis. International Journal of Molecular Sciences, 2018, 19, 4045.	1.8	131
13	Differential responses to isoprenoid, N 6-substituted aromatic cytokinins and indole-3-butyric acid in direct plant regeneration of Eriocephalus africanus. Plant Growth Regulation, 2017, 82, 103-110.	1.8	7
14	Synthesis of aromatic cytokinins for plant biotechnology. New Biotechnology, 2016, 33, 614-624.	2.4	28
15	C2-substituted aromatic cytokinin sugar conjugates delay the onset of senescence by maintaining the activity of the photosynthetic apparatus. Phytochemistry, 2016, 122, 22-33.	1.4	20
16	Physiological and biochemical effects of a tetrahydropyranyl-substituted meta-topolin in micropropagated Merwilla plumbea. Plant Cell, Tissue and Organ Culture, 2015, 121, 579-590.	1.2	23
17	Effect of a novel aromatic cytokinin derivative on phytochemical levels and antioxidant potential in greenhouse grown Merwilla plumbea. Plant Cell, Tissue and Organ Culture, 2014, 119, 501-509.	1.2	9
18	How does exogenously applied cytokinin type affect growth and endogenous cytokinins in micropropagated Merwilla plumbea?. Plant Cell, Tissue and Organ Culture, 2014, 118, 245-256.	1.2	30