

Věclav Mik

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

468
citations

1170033

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1255698

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all docs

16
docs citations

16
times ranked

760
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoprotective activities of kinetin purine isosteres. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 33, 115993.	1.4	6
2	Improvement of Tillering and Grain Yield by Application of Cytokinin Derivatives in Wheat and Barley. <i>Agronomy</i> , 2021, 11, 67.	1.3	17
3	Caged Phytohormones: From Chemical Inactivation to Controlled Physiological Response. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12111-12125.	2.4	7
4	Cytokinin fluoroprobe reveals multiple sites of cytokinin perception at plasma membrane and endoplasmic reticulum. <i>Nature Communications</i> , 2020, 11, 4285.	5.8	64
5	Cell-surface receptors enable perception of extracellular cytokinins. <i>Nature Communications</i> , 2020, 11, 4284.	5.8	47
6	6-Substituted purines as ROCK inhibitors with anti-metastatic activity. <i>Bioorganic Chemistry</i> , 2019, 90, 103005.	2.0	7
7	Design, synthesis and perception of fluorescently labeled isoprenoid cytokinins. <i>Phytochemistry</i> , 2018, 150, 1-11.	1.4	7
8	Activity of (+)-Discadenine as a Plant Cytokinin. <i>Journal of Natural Products</i> , 2017, 80, 2136-2140.	1.5	11
9	A previously undescribed jasmonate compound in flowering <i>Arabidopsis thaliana</i> – The identification of cis-(+)-OPDA-Ile. <i>Phytochemistry</i> , 2016, 122, 230-237.	1.4	38
10	Whole transcriptome analysis of transgenic barley with altered cytokinin homeostasis and increased tolerance to drought stress. <i>New Biotechnology</i> , 2016, 33, 676-691.	2.4	51
11	N9-Substituted N6-[(3-methylbut-2-en-1-yl)amino]purine derivatives and their biological activity in selected cytokinin bioassays. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7244-7251.	1.4	23
12	N9-substituted derivatives of kinetin: Effective anti-senescence agents. <i>Phytochemistry</i> , 2011, 72, 821-831.	1.4	39
13	Biochemical Characterization of Cytokinin Oxidases/Dehydrogenases from <i>Arabidopsis thaliana</i> Expressed in <i>Nicotiana tabacum</i> L.. <i>Journal of Plant Growth Regulation</i> , 2007, 26, 255-267.	2.8	151