

Marek Zatloukal

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

186
citations

1464605

7
h-index

1255698

13
g-index

15
all docs

15
docs citations

15
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Procyanidin C1 from <i>Viola odorata</i> L. inhibits Na ⁺ ,K ⁺ -ATPase. <i>Scientific Reports</i> , 2022, 12, 7011.	1.6	1
2	iP & OEIP “ Cytokinin Micro Application Modulates Root Development with High Spatial Resolution. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	3
3	Sulfated phenolic acids in plants. <i>Planta</i> , 2022, 255, 124.	1.6	6
4	New Water-Soluble Cytokinin Derivatives and Their Beneficial Impact on Barley Yield and Photosynthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7288-7301.	2.4	2
5	Cytoprotective activities of kinetin purine isosteres. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 33, 115993.	1.4	6
6	New aromatic 6-substituted 2- ¹² -deoxy-9-(¹² -d-ribofuranosyl)purine derivatives as potential plant growth regulators. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115230.	1.4	8
7	Heat Acclimation and Inhibition of Cytokinin Degradation Positively Affect Heat Stress Tolerance of <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 87.	1.7	60
8	Anti-cancer activities of cytokinin ribosides. <i>Phytochemistry Reviews</i> , 2019, 18, 1101-1113.	3.1	12
9	The effects of novel synthetic cytokinin derivatives and endogenous cytokinins on the in vitro growth responses of hemp (<i>Cannabis sativa</i> L.) explants. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 139, 381-394.	1.2	37
10	6-Substituted purines as ROCK inhibitors with anti-metastatic activity. <i>Bioorganic Chemistry</i> , 2019, 90, 103005.	2.0	7
11	Synthesis of [¹⁵ N ₄] purine labeled cytokinin glycosides derived from zeatins and topolins with 9- ¹² -deoxy-7- ¹² -glucopyranosyl, or 9- ¹² -deoxy-7- ¹² -ribofuranosyl group. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 118-125.	1.1	3
12	Total synthesis of [¹⁵ N]-labelled C6-substituted purines from [¹⁵ N]-formamide” easy preparation of isotopically labelled cytokinins and derivatives. <i>Royal Society Open Science</i> , 2018, 5, 181322.	1.1	6
13	New Urea Derivatives Are Effective Anti-senescence Compounds Acting Most Likely via a Cytokinin-Independent Mechanism. <i>Frontiers in Plant Science</i> , 2018, 9, 1225.	1.7	9
14	The natural cytokinin 2OH3MeOBAR induces cell death by a mechanism that is different from that of the “classical” cytokinin ribosides. <i>Phytochemistry</i> , 2017, 136, 156-164.	1.4	14
15	Microscale magnetic microparticle-based immunopurification of cytokinins from <i>Arabidopsis</i> root apex. <i>Plant Journal</i> , 2017, 89, 1065-1075.	2.8	12