

Marek Zatloukal

List of Publications by Year in descending order

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15
papers

186
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1307543

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332
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. | 3.3 | 1 |
| 2 | iP & OEIP “Cytokinin Micro Application Modulates Root Development with High Spatial Resolution. <i>Advanced Materials Technologies</i> , 2022, 7, . | 5.8 | 3 |
| 3 | Sulfated phenolic acids in plants. <i>Planta</i> , 2022, 255, 124. | 3.2 | 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. | 5.2 | 2 |
| 5 | Cytoprotective activities of kinetin purine isosteres. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 33, 115993. | 3.0 | 6 |
| 6 | New aromatic 6-substituted 2-deoxy-9-(β -D-ribofuranosyl)purine derivatives as potential plant growth regulators. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115230. | 3.0 | 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. | 3.6 | 60 |
| 8 | Anti-cancer activities of cytokinin ribosides. <i>Phytochemistry Reviews</i> , 2019, 18, 1101-1113. | 6.5 | 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. | 2.3 | 37 |
| 10 | 6-Substituted purines as ROCK inhibitors with anti-metastatic activity. <i>Bioorganic Chemistry</i> , 2019, 90, 103005. | 4.1 | 7 |
| 11 | Synthesis of [¹⁵ N ₄] purine labeled cytokinin glycosides derived from zeatins and topolins with 9- β -D-glucopyranosyl, or 9- β -D-ribofuranosyl group. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 118-125. | 3 | 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. | 2.4 | 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. | 3.6 | 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. | 2.9 | 14 |
| 15 | Microscale magnetic microparticle-based immunopurification of cytokinins from <i>Arabidopsis</i> root apex. <i>Plant Journal</i> , 2017, 89, 1065-1075. | 5.7 | 12 |