

Claire CorratgÃ©

List of Publications by Year in descending order

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12
papers

904
citations

933447

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1199594

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docs citations

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times ranked

1222
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Calcium-dependent modulation and plasma membrane targeting of the AKT2 potassium channel by the CBL4/CIPK6 calcium sensor/protein kinase complex. <i>Cell Research</i> , 2011, 21, 1116-1130. | 12.0 | 261 |
| 2 | Substrate (un)specificity of Arabidopsis NRT1/PTR FAMILY (NPF) proteins. <i>Journal of Experimental Botany</i> , 2017, 68, 3107-3113. | 4.8 | 170 |
| 3 | Nitrate sensing and uptake in <i>Arabidopsis</i> are enhanced by ABI2, a phosphatase inactivated by the stress hormone abscisic acid. <i>Science Signaling</i> , 2015, 8, ra43. | 3.6 | 169 |
| 4 | CPK13, a Noncanonical Ca ²⁺ -Dependent Protein Kinase, Specifically Inhibits KAT2 and KAT1 Shaker K ⁺ Channels and Reduces Stomatal Opening. <i>Plant Physiology</i> , 2014, 166, 314-326. | 4.8 | 100 |
| 5 | AtNPF5.5, a nitrate transporter affecting nitrogen accumulation in Arabidopsis embryo. <i>Scientific Reports</i> , 2015, 5, 7962. | 3.3 | 67 |
| 6 | The <i>Arabidopsis</i> guard cell outward potassium channel GORK is regulated by CPK33. <i>FEBS Letters</i> , 2017, 591, 1982-1992. | 2.8 | 40 |
| 7 | BCL2-ASSOCIATED ATHANOGENE4 Regulates the KAT1 Potassium Channel and Controls Stomatal Movement. <i>Plant Physiology</i> , 2019, 181, 1277-1294. | 4.8 | 25 |
| 8 | Homology Modeling Identifies Crucial Amino-Acid Residues That Confer Higher Na ⁺ Transport Capacity of OcHKT1;5 from <i>Oryza coarctata</i> Roxb. <i>Plant and Cell Physiology</i> , 2020, 61, 1321-1334. | 3.1 | 23 |
| 9 | AtDTX25, a member of the multidrug and toxic compound extrusion family, is a vacuolar ascorbate transporter that controls intracellular iron cycling in Arabidopsis. <i>New Phytologist</i> , 2021, 231, 1956-1967. | 7.3 | 18 |
| 10 | Investigation of Na ⁺ and K ⁺ Transport in Halophytes: Functional Analysis of the HmHKT2;1 Transporter from <i>Hordeum maritimum</i> and Expression under Saline Conditions. <i>Plant and Cell Physiology</i> , 2019, 60, 2423-2435. | 3.1 | 17 |
| 11 | The Arabidopsis protein NPF6.2/NRT1.4 is a plasma membrane nitrate transporter and a target of protein kinase CIPK23. <i>Plant Physiology and Biochemistry</i> , 2021, 168, 239-251. | 5.8 | 13 |
| 12 | Ca ²⁺ -Dependent Protein Kinase 6 Enhances KAT2 Shaker Channel Activity in Arabidopsis thaliana. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1596. | 4.1 | 1 |