

Daniel Auguin

List of Publications by Year in descending order

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34
papers

1,051
citations

471509

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434195

31
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docs citations

39
times ranked

1429
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Perspective for MÃ©niÃ©reâ€™s Disease: In Silico Investigations of Dexamethasone as a Direct Modulator of AQP2. <i>Biomolecules</i> , 2022, 12, 511. | 4.0 | 2 |
| 2 | Noncanonical Function of AGO2 Augments T-cell Receptor Signaling in T-cell Prolymphocytic Leukemia. <i>Cancer Research</i> , 2022, 82, 1818-1831. | 0.9 | 9 |
| 3 | Voltageâ€gating of aquaporins, a putative conserved safety mechanism during ionic stresses. <i>FEBS Letters</i> , 2021, 595, 41-57. | 2.8 | 18 |
| 4 | Fungal X-Intrinsic Protein Aquaporin from <i>Trichoderma atroviride</i> : Structural and Functional Considerations. <i>Biomolecules</i> , 2021, 11, 338. | 4.0 | 3 |
| 5 | The actomyosin interface contains an evolutionary conserved core and an ancillary interface involved in specificity. <i>Nature Communications</i> , 2021, 12, 1892. | 12.8 | 23 |
| 6 | Crystal structures of N-terminally truncated telomerase reverse transcriptase from fungi. <i>Nucleic Acids Research</i> , 2021, 49, 4768-4781. | 14.5 | 7 |
| 7 | Full-length <i>Plasmodium falciparum</i> myosin A and essential light chain PfELC structures provide new anti-malarial targets. <i>ELife</i> , 2020, 9, . | 6.0 | 19 |
| 8 | <i>Plasmodium</i> myosin A drives parasite invasion by an atypical force generating mechanism. <i>Nature Communications</i> , 2019, 10, 3286. | 12.8 | 49 |
| 9 | Characterization of LuWRKY36, a flax transcription factor promoting secoisolariciresinol biosynthesis in response to <i>Fusarium oxysporum</i> elicitors in <i>Linum usitatissimum</i> L. hairy roots. <i>Planta</i> , 2019, 250, 347-366. | 3.2 | 15 |
| 10 | Pinoresinolâ€™lariciresinol reductases, key to the lignan synthesis in plants. <i>Planta</i> , 2019, 249, 1695-1714. | 3.2 | 46 |
| 11 | The control exerted by ABA on lignan biosynthesis in flax (<i>Linum usitatissimum</i> L.) is modulated by a Ca ²⁺ signal transduction involving the calmodulin-like LuCML15b. <i>Journal of Plant Physiology</i> , 2019, 236, 74-87. | 3.5 | 21 |
| 12 | Aquaporins and water control in drought-stressed poplar leaves: A glimpse into the extraxylem vascular territories. <i>Environmental and Experimental Botany</i> , 2019, 162, 25-37. | 4.2 | 19 |
| 13 | A genome-wide analysis of the flax (<i>Linum usitatissimum</i> L.) dirigent protein family: from gene identification and evolution to differential regulation. <i>Plant Molecular Biology</i> , 2018, 97, 73-101. | 3.9 | 66 |
| 14 | Molecular Mechanistic Insights into <i>Drosophila</i> DHX36-Mediated G-Quadruplex Unfolding: A Structure-Based Model. <i>Structure</i> , 2018, 26, 403-415.e4. | 3.3 | 35 |
| 15 | Hypertrophic cardiomyopathy disease results from disparate impairments of cardiac myosin function and auto-inhibition. <i>Nature Communications</i> , 2018, 9, 4019. | 12.8 | 91 |
| 16 | MIP diversity from <i>Trichoderma</i> : Structural considerations and transcriptional modulation during mycoparasitic association with <i>Fusarium solani</i> olive trees. <i>PLoS ONE</i> , 2018, 13, e0193760. | 2.5 | 10 |
| 17 | Beneficial effect of <i>Trichoderma harzianum</i> strain Ths97 in biocontrolling <i>Fusarium solani</i> causal agent of root rot disease in olive trees. <i>Biological Control</i> , 2017, 110, 70-78. | 3.0 | 83 |
| 18 | Functional characterization of the pinoresinolâ€™lariciresinol reductase-2 gene reveals its roles in yatein biosynthesis and flax defense response. <i>Planta</i> , 2017, 246, 405-420. | 3.2 | 35 |

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|----|---|-----|-----------|
| 19 | Functional Divergence of Poplar Histidine-Aspartate Kinase HK1 Paralogs in Response to Osmotic Stress. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2061. | 4.1 | 24 |
| 20 | The <i>Hevea brasiliensis</i> XIP aquaporin subfamily: genomic, structural and functional characterizations with relevance to intensive latex harvesting. <i>Plant Molecular Biology</i> , 2016, 91, 375-396. | 3.9 | 16 |
| 21 | Nettle (<i>Urtica dioica</i> L.) as a source of antioxidant and anti-aging phytochemicals for cosmetic applications. <i>Comptes Rendus Chimie</i> , 2016, 19, 1090-1100. | 0.5 | 64 |
| 22 | Insights into B-type RR members as signaling partners acting downstream of HPt partners of HK1 in the osmotic stress response in <i>Populus</i> . <i>Plant Physiology and Biochemistry</i> , 2015, 94, 244-252. | 5.8 | 11 |
| 23 | In silico study of wall-associated kinase family reveals large-scale genomic expansion potentially connected with functional diversification in <i>Populus</i> . <i>Tree Genetics and Genomes</i> , 2014, 10, 1135-1147. | 1.6 | 17 |
| 24 | Role of protein farnesylation events in the ABA-mediated regulation of the Pinorexinolâ€“Laricresinol Reductase 1 (LuPLR1) gene expression and lignan biosynthesis in flax (<i>Linum usitatissimum</i> L.). <i>Plant Physiology and Biochemistry</i> , 2013, 72, 96-111. | 5.8 | 25 |
| 25 | Insights into <i>Populus</i> XIP aquaporins: evolutionary expansion, protein functionality, and environmental regulation. <i>Journal of Experimental Botany</i> , 2012, 63, 2217-2230. | 4.8 | 101 |
| 26 | Structure of the <i>Mycobacterium tuberculosis</i> OmpATb protein: A model of an oligomeric channel in the mycobacterial cell wall. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 645-661. | 2.6 | 24 |
| 27 | Structural Studies of the Complex Between Akt-in and the Akt2-PH Domain Suggest that the Peptide Acts as an Allosteric Inhibitor of the Akt Kinase. <i>The Open Spectroscopy Journal</i> , 2009, 3, 65-76. | 1.0 | 1 |
| 28 | The Solution Structure of the Adhesion Protein Bd37 from <i>Babesia divergens</i> Reveals Structural Homology with Eukaryotic Proteins Involved in Membrane Trafficking. <i>Journal of Molecular Biology</i> , 2008, 375, 409-424. | 4.2 | 19 |
| 29 | Unraveling protein dynamics through fast spectral density mapping. <i>Journal of Biomolecular NMR</i> , 2007, 37, 159-177. | 2.8 | 5 |
| 30 | Structural Basis for the Co-activation of Protein Kinase B by T-cell Leukemia-1 (TCL1) Family Proto-oncoproteins. <i>Journal of Biological Chemistry</i> , 2004, 279, 35890-35902. | 3.4 | 47 |
| 31 | Inhibition of Akt Kinase Activity by a Peptide Spanning the Î²A Strand of the Proto-oncogene TCL1. <i>Journal of Biological Chemistry</i> , 2004, 279, 53407-53418. | 3.4 | 84 |
| 32 | Solution Structure and Backbone Dynamics of the Pleckstrin Homology Domain of the Human Protein Kinase B (PKB/Akt). Interaction with Inositol Phosphates. <i>Journal of Biomolecular NMR</i> , 2004, 28, 137-155. | 2.8 | 47 |
| 33 | ¹ H, ¹⁵ N and ¹³ C chemical shift assignments of the Pleckstrin Homology domain of the Human Protein Kinase B (PKB/Akt). <i>Journal of Biomolecular NMR</i> , 2003, 27, 287-288. | 2.8 | 3 |
| 34 | Superposition of chemical shifts in NMR spectra can be overcome to determine automatically the structure of a protein. <i>Spectroscopy</i> , 2003, 17, 559-568. | 0.8 | 5 |