

Tianyuan Hu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-----------------------|---------------|-----------------|
| 22 papers | 273 citations | 10 h-index | 16 g-index |
| 26 ext. papers | 432 ext. citations | 7 avg, IF | 3.05 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 22 | Genome of <i>Tripterygium wilfordii</i> and identification of cytochrome P450 involved in triptolide biosynthesis. <i>Nature Communications</i> , 2020 , 11, 971 | 17.4 | 43 |
| 21 | Identification and functional characterization of diterpene synthases for triptolide biosynthesis from <i>Tripterygium wilfordii</i> . <i>Plant Journal</i> , 2018 , 93, 50-65 | 6.9 | 36 |
| 20 | Engineering chimeric diterpene synthases and isoprenoid biosynthetic pathways enables high-level production of miltiradiene in yeast. <i>Metabolic Engineering</i> , 2020 , 60, 87-96 | 9.7 | 30 |
| 19 | Friedelane-type triterpene cyclase in celastrol biosynthesis from <i>Tripterygium wilfordii</i> and its application for triterpenes biosynthesis in yeast. <i>New Phytologist</i> , 2019 , 223, 722-735 | 9.8 | 28 |
| 18 | The chromosome-level reference genome assembly for and insights into ginsenoside biosynthesis. <i>Plant Communications</i> , 2021 , 2, 100113 | 9 | 20 |
| 17 | Probing the Single Key Amino Acid Responsible for the Novel Catalytic Function of -Kaurene Oxidase Supported by NADPH-Cytochrome P450 Reductases in. <i>Frontiers in Plant Science</i> , 2017 , 8, 1756 | 6.2 | 14 |
| 16 | Overexpression and RNA interference of TwDXR regulate the accumulation of terpenoid active ingredients in <i>Tripterygium wilfordii</i> . <i>Biotechnology Letters</i> , 2018 , 40, 419-425 | 3 | 12 |
| 15 | Functional characterization of squalene epoxidase genes in the medicinal plant <i>Tripterygium wilfordii</i> . <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 203-212 | 7.9 | 12 |
| 14 | Functional characterization of NES and GES responsible for the biosynthesis of (E)-nerolidol and (E,E)-geranyllinalool in <i>Tripterygium wilfordii</i> . <i>Scientific Reports</i> , 2017 , 7, 40851 | 4.9 | 11 |
| 13 | A novel strategy to enhance terpenoids production using cambial meristematic cells of Hook. f. <i>Plant Methods</i> , 2019 , 15, 129 | 5.8 | 10 |
| 12 | Molecular cloning and functional identification of sterol C24-methyltransferase gene from. <i>Acta Pharmaceutica Sinica B</i> , 2017 , 7, 603-609 | 15.5 | 9 |
| 11 | Identification and functional characterization of squalene epoxidases and oxidosqualene cyclases from <i>Tripterygium wilfordii</i> . <i>Plant Cell Reports</i> , 2020 , 39, 409-418 | 5.1 | 9 |
| 10 | Analysis of the role of geranylgeranyl diphosphate synthase 8 from <i>Tripterygium wilfordii</i> in diterpenoids biosynthesis. <i>Plant Science</i> , 2019 , 285, 184-192 | 5.3 | 8 |
| 9 | The expression of TwDXS in the MEP pathway specifically affects the accumulation of triptolide. <i>Physiologia Plantarum</i> , 2020 , 169, 40-48 | 4.6 | 8 |
| 8 | The gibberellin 13-oxidase that specifically converts gibberellin A to A in <i>Tripterygium wilfordii</i> is a 2-oxoglutarate-dependent dioxygenase. <i>Planta</i> , 2019 , 250, 1613-1620 | 4.7 | 7 |
| 7 | Overexpression and RNAi-mediated downregulation of TwIDI regulates triptolide and celastrol accumulation in <i>Tripterygium wilfordii</i> . <i>Gene</i> , 2018 , 679, 195-201 | 3.8 | 7 |
| 6 | PECAM/eGFP transgenic mice for monitoring of angiogenesis in health and disease. <i>Scientific Reports</i> , 2018 , 8, 17582 | 4.9 | 4 |

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| 5 | Cytochrome P450 catalyses the 29-carboxyl group formation of celastrol. <i>Phytochemistry</i> , 2021 , 190, 112868 | 4 | 3 |
| 4 | Functional characterization of key polyketide synthases by integrated metabolome and transcriptome analysis on curcuminoid biosynthesis in .. <i>Synthetic and Systems Biotechnology</i> , 2022 , 7, 849-861 | 4.2 | 1 |
| 3 | Functional characterization and substrate promiscuity of sesquiterpene synthases from <i>Tripterygium wilfordii</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 185, 949-958 | 7.9 | 0 |
| 2 | Probing the function of protein farnesyltransferase in <i>Tripterygium wilfordii</i> . <i>Plant Cell Reports</i> , 2019 , 38, 211-220 | 5.1 | |
| 1 | Identification and Analysis of Gene Family for Discovering Potential Regulators Responding to Abiotic Stresses in .. <i>Frontiers in Genetics</i> , 2022 , 13, 894928 | 4.5 | |