

# Konstantinos Koudounas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5267711/publications.pdf>

Version: 2024-02-01

22  
papers

593  
citations

840776

11  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

755  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | OUP accepted manuscript. <i>Plant Physiology</i> , 2022, 188, 1403-1404.  | 4.8  | 0         |
| 2  | Two bifunctional cytochrome P450 CYP72 enzymes from olive ( <i>Olea europaea</i> ) catalyze the oxidative C=C bond cleavage in the biosynthesis of secoiridoids "flavor and quality determinants in olive oil. <i>New Phytologist</i> , 2021, 229, 2288-2301. | 7.3  | 17        |
| 3  | Improved virus-induced gene silencing allows discovery of a serpentine synthase gene in <i>Catharanthus roseus</i> . <i>Plant Physiology</i> , 2021, 187, 846-857.  | 4.8  | 20        |
| 4  | Enhanced bioproduction of anticancer precursor vindoline by yeast cell factories. <i>Microbial Biotechnology</i> , 2021, 14, 2693-2699.   | 4.2  | 24        |
| 5  | <i>Clavibacter michiganensis</i> Downregulates Photosynthesis and Modifies Monolignols Metabolism Revealing a Crosstalk with Tomato Immune Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8442.                                    | 4.1  | 3         |
| 6  | Silencing of Oleuropein 1 $\beta$ -Glucosidase Abolishes the Biosynthetic Capacity of Secoiridoids in Olives. <i>Frontiers in Plant Science</i> , 2021, 12, 671487.   | 3.6  | 7         |
| 7  | Evaluation of type-B RR dimerization in poplar: A mechanism to preserve signaling specificity?. <i>Plant Science</i> , 2021, 313, 111068.   | 3.6  | 3         |
| 8  | Players in pectin production: rhamnose transporters affect the length of rhamnogalacturonan-I. <i>Plant Physiology</i> , 2021, 185, 759-760.  | 4.8  | 0         |
| 9  | Alternative splicing creates a pseudo-strictosidine 1 $\beta$ -glucosidase modulating alkaloid synthesis in <i>Catharanthus roseus</i> . <i>Plant Physiology</i> , 2021, 185, 836-856.  | 4.8  | 19        |
| 10 | Tonoplast and Peroxisome Targeting of 1 $\beta$ -tocopherol N-methyltransferase Homologs Involved in the Synthesis of Monoterpene Indole Alkaloids. <i>Plant and Cell Physiology</i> , 2021, , .  | 3.1  | 0         |
| 11 | Beyond the semi-synthetic artemisinin: metabolic engineering of plant-derived anti-cancer drugs. <i>Current Opinion in Biotechnology</i> , 2020, 65, 17-24.   | 6.6  | 42        |
| 12 | Identifying Genes Involved in Alkaloid Biosynthesis in <i>Vinca minor</i> through Transcriptomics and Gene Co-Expression Analysis. <i>Biomolecules</i> , 2020, 10, 1595.  | 4.0  | 12        |
| 13 | Sulfotransferase1 Is the Enzymatic Hub of Sulfated Salicinoids in Poplar. <i>Plant Physiology</i> , 2020, 183, 13-14.   | 4.8  | 0         |
| 14 | Virus-Induced Gene Silencing in Olive Tree (Oleaceae). <i>Methods in Molecular Biology</i> , 2020, 2172, 165-182.   | 0.9  | 8         |
| 15 | New Insight into HPTs as Hubs in Poplar Cytokinin and Osmosensing Multistep Phosphorelays: Cytokinin Pathway Uses Specific HPTs. <i>Plants</i> , 2019, 8, 591.  | 3.5  | 12        |
| 16 | Missing enzymes in the biosynthesis of the anticancer drug vinblastine in Madagascar periwinkle. <i>Science</i> , 2018, 360, 1235-1239.   | 12.6 | 279       |
| 17 | Proteome of olive non-glandular trichomes reveals protective protein network against (a)biotic challenge. <i>Journal of Plant Physiology</i> , 2018, 231, 210-218.  | 3.5  | 17        |
| 18 | Highlighting type A RRs as potential regulators of the dkHK1 multi-step phosphorelay pathway in <i>Populus</i> . <i>Plant Science</i> , 2018, 277, 68-78.   | 3.6  | 8         |

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|----|---|-----|-----------|
| 19 | Two Tabersonine 6,7-Epoxidases Initiate Lochnericine-Derived Alkaloid Biosynthesis in <i>Catharanthus roseus</i> . <i>Plant Physiology</i> , 2018, 177, 1473-1486.                                      | 4.8 | 34        |
| 20 | The C-Domain of Oleuropein $\beta$ -Glucosidase Assists in Protein Folding and Sequesters the Enzyme in Nucleus. <i>Plant Physiology</i> , 2017, 174, 1371-1383.  | 4.8 | 14        |
| 21 | Transcriptional profiling unravels potential metabolic activities of the olive leaf non-glandular trichome. <i>Frontiers in Plant Science</i> , 2015, 6, 633.   | 3.6 | 26        |
| 22 | A defence-related <i>Olea europaea</i> $\beta$ -glucosidase hydrolyses and activates oleuropein into a potent protein cross-linking agent. <i>Journal of Experimental Botany</i> , 2015, 66, 2093-2106. | 4.8 | 48        |