

# Konstantinos Koudounas

## List of Publications by Year in descending order

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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	Missing enzymes in the biosynthesis of the anticancer drug vinblastine in Madagascar periwinkle. <i>Science</i> , 2018, 360, 1235-1239.	12.6	279
2	A defence-related <i>Olea europaea</i> Î <sup>2</sup> -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
3	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
4	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
5	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
6	Enhanced bioproduction of anticancer precursor vindoline by yeast cell factories. <i>Microbial Biotechnology</i> , 2021, 14, 2693-2699.	4.2	24
7	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
8	Alternative splicing creates a pseudo-strictosidine Î <sup>2</sup> -glucosidase modulating alkaloid synthesis in <i>Catharanthus roseus</i> . <i>Plant Physiology</i> , 2021, 185, 836-856.	4.8	19
9	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
10	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
11	The C-Domain of Oleuropein Î <sup>2</sup> -Glucosidase Assists in Protein Folding and Sequesters the Enzyme in Nucleus. <i>Plant Physiology</i> , 2017, 174, 1371-1383.	4.8	14
12	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
13	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
14	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
15	Virus-Induced Gene Silencing in Olive Tree (Oleaceae). <i>Methods in Molecular Biology</i> , 2020, 2172, 165-182.	0.9	8
16	Silencing of Oleuropein Î <sup>2</sup> -Glucosidase Abolishes the Biosynthetic Capacity of Secoiridoids in Olives. <i>Frontiers in Plant Science</i> , 2021, 12, 671487.	3.6	7
17	<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
18	Evaluation of type-B RR dimerization in poplar: A mechanism to preserve signaling specificity?. <i>Plant Science</i> , 2021, 313, 111068.	3.6	3

#	ARTICLE	IF	CITATIONS
19	Sulfotransferase1 Is the Enzymatic Hub of Sulfated Salicinoids in Poplar. <i>Plant Physiology</i> , 2020, 183, 13-14.	4.8	0
20	Players in pectin production: rhamnose transporters affect the length of rhamnogalacturonan-I. <i>Plant Physiology</i> , 2021, 185, 759-760.	4.8	0
21	Tonoplast and Peroxisome Targeting of $\hat{\gamma}$ -tocopherol N-methyltransferase Homologs Involved in the Synthesis of Monoterpene Indole Alkaloids. <i>Plant and Cell Physiology</i> , 2021, , .	3.1	0
22	OUP accepted manuscript. <i>Plant Physiology</i> , 2022, 188, 1403-1404.	4.8	0