

Evangelos C Tatsis

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,212
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1649
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of the major constituents of <i>Hypericum perforatum</i> by LC/SPE/NMR and/or LC/MS. <i>Phytochemistry</i> , 2007, 68, 383-393.	2.9	229
2	An NPF transporter exports a central monoterpene indole alkaloid intermediate from the vacuole. <i>Nature Plants</i> , 2017, 3, 16208.	9.3	123
3	A Pressure Test to Make 10 Molecules in 90 Days: External Evaluation of Methods to Engineer Biology. <i>Journal of the American Chemical Society</i> , 2018, 140, 4302-4316.	13.7	118
4	A three enzyme system to generate the <i>Strychnos</i> alkaloid scaffold from a central biosynthetic intermediate. <i>Nature Communications</i> , 2017, 8, 316.	12.8	117
5	Unlocking the Diversity of Alkaloids in <i>Catharanthus roseus</i> : Nuclear Localization Suggests Metabolic Channeling in Secondary Metabolism. <i>Chemistry and Biology</i> , 2015, 22, 336-341.	6.0	103
6	Molecules from nature: Reconciling biodiversity conservation and global healthcare imperatives for sustainable use of medicinal plants and fungi. <i>Plants People Planet</i> , 2020, 2, 463-481.	3.3	88
7	Structural investigation of heteroyohimbine alkaloid synthesis reveals active site elements that control stereoselectivity. <i>Nature Communications</i> , 2016, 7, 12116.	12.8	85
8	New developments in engineering plant metabolic pathways. <i>Current Opinion in Biotechnology</i> , 2016, 42, 126-132.	6.6	83
9	Gene Discovery in <i>Gelsemium</i> Highlights Conserved Gene Clusters in Monoterpene Indole Alkaloid Biosynthesis. <i>ChemBioChem</i> , 2019, 20, 83-87.	2.6	66
10	Dual Catalytic Activity of a Cytochrome P450 Controls Bifurcation at a Metabolic Branch Point of Alkaloid Biosynthesis in <i>Rauwolfia serpentina</i> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9440-9444.	13.8	33
11	¹ H NMR determination of hypericin and pseudohypericin in complex natural mixtures by the use of strongly deshielded OH groups. <i>Analytica Chimica Acta</i> , 2008, 607, 219-226.	5.4	29
12	Nudicaulins, Yellow Flower Pigments of <i>Papaver nudicaule</i> : Revised Constitution and Assignment of Absolute Configuration. <i>Organic Letters</i> , 2013, 15, 156-159.	4.6	28
13	Towards a consensus structure of hypericin in solution: direct evidence for a single tautomer and different ionization states in protic and nonprotic solvents by the use of variable temperature gradient ¹ H NMR. <i>Tetrahedron</i> , 2002, 58, 4925-4929.	1.9	23
14	Discovery of a Short-Chain Dehydrogenase from <i>Catharanthus roseus</i> that Produces a New Monoterpene Indole Alkaloid. <i>ChemBioChem</i> , 2018, 19, 940-948.	2.6	20
15	Occurrence of nudicaulin structural variants in flowers of papaveraceous species. <i>Phytochemistry</i> , 2013, 92, 105-112.	2.9	18
16	Convergent gene clusters underpin hyperforin biosynthesis in St John's wort. <i>New Phytologist</i> , 2022, 235, 646-661.	7.3	12
17	Unprecedented Utilization of Pelargonidin and Indole for the Biosynthesis of Plant Indole Alkaloids. <i>ChemBioChem</i> , 2016, 17, 318-327.	2.6	11
18	Biosynthesis of Nudicaulins: A ¹³ CO ₂ -Pulse/Chase Labeling Study with <i>Papaver nudicaule</i> . <i>ChemBioChem</i> , 2014, 15, 1645-1650.	2.6	10

#	ARTICLE	IF	CITATIONS
19	Concentration Kinetics of Secoisolariciresinol Diglucoside and its Biosynthetic Precursor Coniferin in Developing Flaxseed. <i>Phytochemical Analysis</i> , 2013, 24, 41-46.	2.4	9
20	Dual Catalytic Activity of a Cytochrome P450 Controls Bifurcation at a Metabolic Branch Point of Alkaloid Biosynthesis in <i>Rauwolfia serpentina</i> . <i>Angewandte Chemie</i> , 2017, 129, 9568-9572.	2.0	7