# Evangelos C Tatsis

List of Publications by Year
in descending order



| 20 | 1,212 | 567281 15 | 752698 20 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 20 | 20 | 20 | 1649 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Convergent gene clusters underpin hyperforin biosynthesis in St John's wort. New Phytologist, 2022, 235, 646-661. | 7.3 | 12 |
| 2 | Molecules from nature: Reconciling biodiversity conservation and global healthcare imperatives for sustainable use of medicinal plants and fungi. Plants People Planet, 2020, 2, 463-481. | 3.3 | 88 |
| 3 | Gene Discovery in Gelsemium Highlights Conserved Gene Clusters in Monoterpene Indole Alkaloid Biosynthesis. ChemBioChem, 2019, 20, 83-87. | 2.6 | 66 |
| 4 | A Pressure Test to Make 10 Molecules in 90 Days: External Evaluation of Methods to Engineer Biology. Journal of the American Chemical Society, 2018, 140, 4302-4316. | 13.7 | 118 |
| 5 | Discovery of a Shortâ€Chain Dehydrogenase from Catharanthus roseus that Produces a New Monoterpene Indole Alkaloid. ChemBioChem, 2018, 19, 940-948. | 2.6 | 20 |
| 6 | An NPF transporter exports a central monoterpene indole alkaloid intermediate from the vacuole. Nature Plants, 2017, 3, 16208. | 9.3 | 123 |
| 7 | A three enzyme system to generate the Strychnos alkaloid scaffold from a central biosynthetic intermediate. Nature Communications, 2017, 8, 316. | 12.8 | 117 |
| 8 | Dual Catalytic Activity of a Cytochrome P450 Controls Bifurcation at a Metabolic Branch Point of Alkaloid Biosynthesis in Rauwolfia serpentina. Angewandte Chemie, 2017, 129, 9568-9572. | 2.0 | 7 |
| 9 | Dual Catalytic Activity of a Cytochrome P450 Controls Bifurcation at a Metabolic Branch Point of Alkaloid Biosynthesis in Rauwolfia serpentina. Angewandte Chemie - International Edition, 2017, 56, 9440-9444. | 13.8 | 33 |
| 10 | New developments in engineering plant metabolic pathways. Current Opinion in Biotechnology, 2016, 42, 126-132. | 6.6 | 83 |
| 11 | Unprecedented Utilization of Pelargonidin and Indole for the Biosynthesis of Plant Indole Alkaloids. ChemBioChem, 2016, 17, 318-327. | 2.6 | 11 |
| 12 | Structural investigation of heteroyohimbine alkaloid synthesis reveals active site elements that control stereoselectivity. Nature Communications, 2016, 7, 12116. | 12.8 | 85 |
| 13 | Unlocking the Diversity of Alkaloids in Catharanthus roseus: Nuclear Localization Suggests Metabolic Channeling in Secondary Metabolism. Chemistry and Biology, 2015, 22, 336-341. | 6.0 | 103 |
| 14 | Biosynthesis of Nudicaulins: A <sup>13</sup>CO<sub>2</sub>â€Pulse/Chase Labeling Study with Papaver nudicaule. ChemBioChem, 2014, 15, 1645-1650. | 2.6 | 10 |
| 15 | Concentration Kinetics of Secoisolariciresinol Diglucoside and its Biosynthetic Precursor Coniferin in Developing Flaxseed. Phytochemical Analysis, 2013, 24, 41-46. | 2.4 | 9 |
| 16 | Nudicaulins, Yellow Flower Pigments of Papaver nudicaule: Revised Constitution and Assignment of Absolute Configuration. Organic Letters, 2013, 15, 156-159. | 4.6 | 28 |
| 17 | Occurrence of nudicaulin structural variants in flowers of papaveraceous species. Phytochemistry, 2013, 92, 105-112. | 2.9 | 18 |
| 18 | 1H NMR determination of hypericin and pseudohypericin in complex natural mixtures by the use of strongly deshielded OH groups. Analytica Chimica Acta, 2008, 607, 219-226. | 5.4 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Identification of the major constituents of Hypericum perforatum by LC/SPE/NMR and/or LC/MS. Phytochemistry, 2007, 68, 383-393. | 2.9 | 229 |
| 20 | 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 1H NMR. Tetrahedron, 2002, 58, 4925-4929. | 1.9 | 23 |