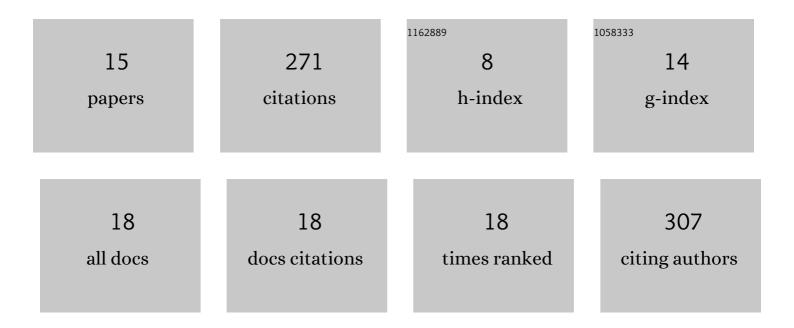
Tony D Davis

List of Publications by Year in descending order

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TONY D DAVIS

#	Article	IF	CITATIONS
1	Type II non-ribosomal peptide synthetase proteins: structure, mechanism, and protein–protein interactions. Natural Product Reports, 2020, 37, 355-379.	5.2	50
2	Gating mechanism of elongating \hat{I}^2 -ketoacyl-ACP synthases. Nature Communications, 2020, 11, 1727.	5.8	44
3	Structural basis for selectivity in a highly reducing type II polyketide synthase. Nature Chemical Biology, 2020, 16, 776-782.	3.9	41
4	Interfacial plasticity facilitates high reaction rate of <i>E. coli</i> FAS malonyl-CoA:ACP transacylase, FabD. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24224-24233.	3.3	31
5	Dynamic visualization of type II peptidyl carrier protein recognition in pyoluteorin biosynthesis. RSC Chemical Biology, 2020, 1, 8-12.	2.0	17
6	Role of MyD88 in IL-1β and Ethanol Modulation of GABAergic Transmission in the Central Amygdala. Brain Sciences, 2019, 9, 361.	1.1	16
7	Modifying the Thioester Linkage Affects the Structure of the Acyl Carrier Protein. Angewandte Chemie - International Edition, 2019, 58, 10888-10892.	7.2	14
8	Structural Basis of Acyl-Carrier Protein Interactions in Fatty Acid and Polyketide Biosynthesis. , 2020, , 61-122.		14
9	Structure and Mechanistic Analyses of the Gating Mechanism of Elongating Ketosynthases. ACS Catalysis, 2021, 11, 6787-6799.	5.5	12
10	Preparation, Assay, and Application of Chlorinase SalL for the Chemoenzymatic Synthesis of S-Adenosyl-I-Methionine and Analogs. Methods in Enzymology, 2018, 604, 367-388.	0.4	9
11	Screening and characterization of polyhydroxyalkanoate granules, and phylogenetic analysis of polyhydroxyalkanoate synthase gene <i>PhaC</i> in cyanobacteria. Journal of Phycology, 2021, 57, 754-765.	1.0	6
12	Protein–protein interaction based substrate control in the <i>E. coli</i> octanoic acid transferase, LipB. RSC Chemical Biology, 2021, 2, 1466-1473.	2.0	6
13	Active site labeling of fatty acid and polyketide acyl-carrier protein transacylases. Organic and Biomolecular Chemistry, 2019, 17, 4720-4724.	1.5	4
14	Modifying the Thioester Linkage Affects the Structure of the Acyl Carrier Protein. Angewandte Chemie, 2019, 131, 11004-11008.	1.6	3
15	Control of Unsaturation in <i>De Novo</i> Fatty Acid Biosynthesis by FabA. Biochemistry, 2022, 61, 608-615.	1.2	2