

Tony D Davis

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

271
citations

1162889

8
h-index

1058333

14
g-index

18
all docs

18
docs citations

18
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Type II non-ribosomal peptide synthetase proteins: structure, mechanism, and protein-protein interactions. <i>Natural Product Reports</i> , 2020, 37, 355-379.	5.2	50
2	Gating mechanism of elongating β^2 -ketoacyl-ACP synthases. <i>Nature Communications</i> , 2020, 11, 1727.	5.8	44
3	Structural basis for selectivity in a highly reducing type II polyketide synthase. <i>Nature Chemical Biology</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24224-24233.	3.3	31
5	Dynamic visualization of type II peptidyl carrier protein recognition in pyoluteorin biosynthesis. <i>RSC Chemical Biology</i> , 2020, 1, 8-12.	2.0	17
6	Role of MyD88 in IL-1 β and Ethanol Modulation of GABAergic Transmission in the Central Amygdala. <i>Brain Sciences</i> , 2019, 9, 361.	1.1	16
7	Modifying the Thioester Linkage Affects the Structure of the Acyl Carrier Protein. <i>Angewandte Chemie - International Edition</i> , 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. <i>ACS Catalysis</i> , 2021, 11, 6787-6799.	5.5	12
10	Preparation, Assay, and Application of Chlorinase Sall for the Chemoenzymatic Synthesis of S-Adenosyl-L-Methionine and Analogs. <i>Methods in Enzymology</i> , 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. <i>Journal of Phycology</i> , 2021, 57, 754-765.	1.0	6
12	Protein-protein interaction based substrate control in the <i>E. coli</i> octanoic acid transferase, LipB. <i>RSC Chemical Biology</i> , 2021, 2, 1466-1473.	2.0	6
13	Active site labeling of fatty acid and polyketide acyl-carrier protein transacylases. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4720-4724.	1.5	4
14	Modifying the Thioester Linkage Affects the Structure of the Acyl Carrier Protein. <i>Angewandte Chemie</i> , 2019, 131, 11004-11008.	1.6	3
15	Control of Unsaturation in <i>De Novo</i> Fatty Acid Biosynthesis by FabA. <i>Biochemistry</i> , 2022, 61, 608-615.	1.2	2