

Robert G Mothersole

List of Publications by Year in descending order

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7
papers

30
citations

2258059

3
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence Divergence in the Arginase Domain of Ornithine Decarboxylase/Arginase in <i>Fusobacteriaceae</i> Leads to Loss of Function in Oral Associated Species. <i>Biochemistry</i> , 2022, 61, 1378-1391.	2.5	2
2	A Fold Type II PLP-Dependent Enzyme from <i>Fusobacterium nucleatum</i> Functions as a Serine Synthase and Cysteine Synthase. <i>Biochemistry</i> , 2021, 60, 524-536.	2.5	5
3	S224 Presents a Catalytic Trade-off in PLP-Dependent L-Lanthionine Synthase from <i>Fusobacterium nucleatum</i> . <i>Biochemistry</i> , 2020, 59, 4250-4261.	2.5	2
4	Structural and Kinetic Insight into the Biosynthesis of H ₂ S and L-Lanthionine from L-Cysteine by a Pyridoxal Phosphate-Dependent Enzyme from <i>Fusobacterium nucleatum</i> . <i>Biochemistry</i> , 2019, 58, 3592-3603.	2.5	11
5	Structural insight into the high reduction potentials observed for <i>Fusobacterium nucleatum</i> flavodoxin. <i>Protein Science</i> , 2019, 28, 1460-1472.	7.6	3
6	Optimal electrostatic interactions between substrate and protein are essential for radical chemistry in ornithine 4,5-aminomutase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1077-1084.	2.3	4
7	Role of active site loop in coenzyme binding and flavin reduction in cytochrome P450 reductase. <i>Archives of Biochemistry and Biophysics</i> , 2016, 606, 111-119.	3.0	3