James M Bullard

List of Publications by Year
in descending order

28	388	840776	794594
papers	citations	11 h-index	19 g-index

28	28	28	456
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rational Design of an Antimicrobial Peptide Based on Structural Insight into the Interaction of Pseudomonas aeruginosa Initiation Factor 1 with Its Cognate 30S Ribosomal Subunit. ACS Infectious Diseases, 2021, 7, 3161-3167.	3.8	3
2	Lysyl-tRNA Synthetase from Pseudomonas aeruginosa: Characterization and Identification of Inhibitory Compounds. SLAS Discovery, 2020, 25, 57-69.	2.7	1
3	GlutaminylâЄtRNA Synthetase from Pseudomonas aeruginosa : Characterization, structure, and development as a screening platform. Protein Science, 2020, 29, 905-918.	7.6	3
4	Two Forms of Tyrosyl-tRNA Synthetase from Pseudomonas aeruginosa: Characterization and Discovery of Inhibitory Compounds. SLAS Discovery, 2020, 25, 1072-1086.	2.7	6
5	1H, 13C and 15N resonance assignments of translation initiation factor 3 from Pseudomonas aeruginosa. Biomolecular NMR Assignments, 2020, 14, 93-97.	0.8	0
6	Identification and Characterization of Chemical Compounds that Inhibit Leucyl-tRNA Synthetase from Pseudomonas aeruginosa. Current Drug Discovery Technologies, 2020, 17, 119-130.	1.2	2
7	Characterization and structure determination of prolylâЄtRNA synthetase from Pseudomonas aeruginosa and development as a screening platform. Protein Science, 2019, 28, 727-737.	7.6	5
8	Identification of Chemical Compounds that Inhibit the Function of Initiation Factors I and III from Pseudomonas aeruginosa. FASEB Journal, 2019, 33, 782.7.	0.5	0
9	Identification of Chemical Compounds That Inhibit the Function of Histidyl-tRNA Synthetase from Pseudomonas aeruginosa. SLAS Discovery, 2018, 23, 65-75.	2.7	5
10	Discovery and Characterization of Chemical Compounds That Inhibit the Function of Aspartyl-tRNA Synthetase from Pseudomonas aeruginosa. SLAS Discovery, 2018, 23, 294-301.	2.7	2
11	Design, synthesis and microbiological evaluation of novel compounds as potential Staphylococcus aureus phenylalanine tRNA synthetase inhibitors. Egyptian Journal of Chemistry, 2018, 61, 0-0.	0.2	2
12	Identification of Chemical Compounds That Inhibit Protein Synthesis in Pseudomonas aeruginosa. SLAS Discovery, 2017, 22, 775-782.	2.7	5
13	Identification and Characterization of a Chemical Compound that Inhibits Methionyl-tRNA Synthetase from Pseudomonas aeruginosa. Current Drug Discovery Technologies, 2017, 14, 156-168.	1.2	12
14	Solution structure of protein synthesis initiation factor 1 from Pseudomonas aeruginosa. Protein Science, 2016, 25, 2290-2296.	7.6	4
15	Discovery and Analysis of Natural-Product Compounds Inhibiting Protein Synthesis in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2016, 60, 4820-4829.	3.2	18
16	1H, 13C and 15N resonance assignments and secondary structure analysis of translation initiation factor 1 from Pseudomonas aeruginosa. Biomolecular NMR Assignments, 2016, 10, 249-252.	0.8	5
17	Long-Range PCR Amplification of DNA by DNA Polymerase III Holoenzyme fromThermus thermophilus. Enzyme Research, 2015, 2015, 1-16.	1.8	4
18	Identification of Chemical Compounds That Inhibit the Function of Glutamyl-tRNA Synthetase from Pseudomonas aeruginosa. Journal of Biomolecular Screening, 2015, 20, 1160-1170.	2.6	17

#	Article	IF	Citations
19	High Throughput Screen Identifies Natural Product Inhibitor of Phenylalanyl-tRNA Synthetase from Pseudomonas aeruginosa and Streptococcus pneumoniae. Current Drug Discovery Technologies, 2015, 11, 279-292.	1.2	12
20	Cloning and Characterization of EF-Tu and EF-Ts fromPseudomonas aeruginosa. BioMed Research International, 2013, 2013, 1-12.	1.9	5
21	Two Homologous EF-G Proteins from Pseudomonas aeruginosa Exhibit Distinct Functions. PLoS ONE, 2013, 8, e80252.	2.5	20
22	Development of 4H-pyridopyrimidines: a class of selective bacterial protein synthesis inhibitors. Organic and Medicinal Chemistry Letters, 2012, 2, 5.	2.0	7
23	Discovery and Analysis of 4 H -Pyridopyrimidines, a Class of Selective Bacterial Protein Synthesis Inhibitors. Antimicrobial Agents and Chemotherapy, 2010, 54, 4648-4657.	3.2	29
24	DNA Polymerase III Holoenzyme from Thermus thermophilus Identification, Expression, Purification of Components, and Use to Reconstitute a Processive Replicase. Journal of Biological Chemistry, 2002, 277, 13401-13408.	3.4	22
25	Expression and characterization of the human mitochondrial leucyl-tRNA synthetase. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1490, 245-258.	2.4	47
26	Interaction of Mitochondrial Elongation Factor Tu with Aminoacyl-tRNA and Elongation Factor Ts. Journal of Biological Chemistry, 2000, 275, 20308-20314.	3.4	54
27	Effects of domain exchanges between Escherichia coli and mammalian mitochondrial EF-Tu on interactions with guanine nucleotides, aminoacyl-tRNA and ribosomes. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1999, 1446, 102-114.	2.4	21
28	Expression and characterization of a human mitochondrial phenylalanyl-tRNA synthetase 1 1Edited by D. E. Draper. Journal of Molecular Biology, 1999, 288, 567-577.	4.2	77