

Dewey G Mccafferty

List of Publications by Year in descending order

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37
papers

2,409
citations

361413

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345221

36
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all docs

44
docs citations

44
times ranked

2654
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone H3 Lysine 4 Demethylation Is a Target of Nonselective Antidepressive Medications. <i>Chemistry and Biology</i> , 2006, 13, 563-567.	6.0	395
2	trans-2-Phenylcyclopropylamine Is a Mechanism-Based Inactivator of the Histone Demethylase LSD1. <i>Biochemistry</i> , 2007, 46, 4408-4416.	2.5	286
3	Vinyl Sulfones: Inhibitors of SrtA, a Transpeptidase Required for Cell Wall Protein Anchoring and Virulence in <i>Staphylococcus aureus</i> . <i>Journal of the American Chemical Society</i> , 2004, 126, 3404-3405.	13.7	184
4	Sortase transpeptidases: Insights into mechanism, substrate specificity, and inhibition. <i>Biopolymers</i> , 2010, 94, 385-396.	2.4	163
5	Analysis of the Substrate Specificity of the <i>Staphylococcus aureus</i> Sortase Transpeptidase SrtA. <i>Biochemistry</i> , 2004, 43, 1541-1551.	2.5	126
6	<i>Staphylococcus aureus</i> Sortase Transpeptidase SrtA: Insight into the Kinetic Mechanism and Evidence for a Reverse Protonation Catalytic Mechanism. <i>Biochemistry</i> , 2005, 44, 11188-11200.	2.5	126
7	Reassessing the role of the secreted protease CPAF in <i>Chlamydia trachomatis</i> infection through genetic approaches. <i>Pathogens and Disease</i> , 2014, 71, 336-351.	2.0	126
8	Crystal Structure of <i>Streptococcus pyogenes</i> Sortase A. <i>Journal of Biological Chemistry</i> , 2009, 284, 6924-6933.	3.4	115
9	Chemistry and biology of the ramoplanin family of peptide antibiotics. <i>Biopolymers</i> , 2002, 66, 261-284.	2.4	104
10	Development of a high-performance liquid chromatography assay and revision of kinetic parameters for the <i>Staphylococcus aureus</i> sortase transpeptidase SrtA. <i>Analytical Biochemistry</i> , 2004, 326, 42-48.	2.4	91
11	Mutagenesis Studies of Substrate Recognition and Catalysis in the Sortase A Transpeptidase from <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 14762-14771.	3.4	74
12	Lysine-Specific Histone Demethylase 1 Inhibitors Control Breast Cancer Proliferation in ER \pm -Dependent and -Independent Manners. <i>ACS Chemical Biology</i> , 2012, 7, 1221-1231.	3.4	72
13	Mutational Analysis of Active Site Residues in the <i>Staphylococcus aureus</i> Transpeptidase SrtA. <i>Biochemistry</i> , 2007, 46, 7269-7278.	2.5	71
14	Facile synthesis of substituted trans-2-aryl cyclopropylamine inhibitors of the human histone demethylase LSD1 and monoamine oxidases A and B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3047-3051.	2.2	70
15	A crystal structure of a dimer of the antibiotic ramoplanin illustrates membrane positioning and a potential Lipid II docking interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13759-13764.	7.1	60
16	KDM1 class flavin-dependent protein lysine demethylases. <i>Biopolymers</i> , 2015, 104, 213-246.	2.4	53
17	Probing of the cis-5-phenyl proline scaffold as a platform for the synthesis of mechanism-based inhibitors of the <i>Staphylococcus aureus</i> sortase SrtA isoform. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2886-2893.	3.0	50
18	Inhibition of the <i>Staphylococcus aureus</i> sortase transpeptidase SrtA by phosphinic peptidomimetics. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3723-3729.	3.0	41

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19	Use of pH and Kinetic Isotope Effects To Establish Chemistry as Rate-Limiting in Oxidation of a Peptide Substrate by LSD1. <i>Biochemistry</i> , 2009, 48, 5440-5445.	2.5	33
20	Lysine-Specific Demethylase 1A (KDM1A/LSD1): Product Recognition and Kinetic Analysis of Full-Length Histones. <i>Biochemistry</i> , 2016, 55, 1652-1662.	2.5	21
21	Thermodynamic Characterization of the Binding Interaction between the Histone Demethylase LSD1/KDM1 and CoREST. <i>Biochemistry</i> , 2011, 50, 546-557.	2.5	20
22	Characterization of Small-Molecule-Induced Changes in Parkinson's-Related Trafficking via the Nedd4 Ubiquitin Signaling Cascade. <i>Cell Chemical Biology</i> , 2021, 28, 14-25.e9.	5.2	15
23	Generation of ramoplanin-resistant <i>Staphylococcus aureus</i> . <i>FEMS Microbiology Letters</i> , 2010, 310, 104-111.	1.8	14
24	<i>Chlamydia</i> Protease-like Activity Factor (CPAF): Characterization of Proteolysis Activity in Vitro and Development of a Nanomolar Affinity CPAF Zymogen-Derived Inhibitor. <i>Biochemistry</i> , 2011, 50, 7441-7443.	2.5	14
25	<i>Staphylococcus aureus</i> Sortase A Contributes to the Trojan Horse Mechanism of Immune Defense Evasion with Its Intrinsic Resistance to Cys184 Oxidation. <i>Biochemistry</i> , 2011, 50, 7591-7599.	2.5	11
26	Discovery of the Class I Antimicrobial Lasso Peptide Arcumycin. <i>ChemBioChem</i> , 2021, 22, 2632-2640.	2.6	10
27	Predicting PY motif-mediated protein-protein interactions in the Nedd4 family of ubiquitin ligases. <i>PLoS ONE</i> , 2021, 16, e0258315.	2.5	10
28	Discovery of Six Ramoplanin Family Gene Clusters and the Lipoglycopeptide Chersinamycin**. <i>ChemBioChem</i> , 2021, 22, 176-185.	2.6	8
29	A rationally designed chimeric KDM1A/KDM1B histone demethylase tower domain deletion mutant retaining enzymatic activity. <i>FEBS Letters</i> , 2015, 589, 2340-2346.	2.8	7
30	Chemoproteomic-enabled characterization of small GTPase Rab1a as a target of an <i>N</i> -arylbenzimidazole ligand's rescue of Parkinson's-associated cell toxicity. <i>RSC Chemical Biology</i> , 2022, 3, 96-111.	4.1	5
31	Insights into the Autoproteolytic Processing and Catalytic Mechanism of the <i>Chlamydia trachomatis</i> Virulence-Associated Protease CPAF. <i>Biochemistry</i> , 2019, 58, 3527-3536.	2.5	4
32	Inhibition of the futasine pathway for menaquinone biosynthesis suppresses <i>Chlamydia trachomatis</i> infection. <i>FEBS Letters</i> , 2021, 595, 2995-3005.	2.8	4
33	Robust and facile purification of full-length, untagged human Nedd4 as a recombinant protein from <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2020, 173, 105649.	1.3	3
34	Sortases. , 2013, , 2459-2465.		2
35	The <i>Chlamydia trachomatis</i> Protease CPAF Contains a Cryptic PDZ-Like Domain with Similarity to Human Cell Polarity and Tight Junction PDZ-Containing Proteins. <i>PLoS ONE</i> , 2016, 11, e0147233.	2.5	2
36	Crossing a Biological Velvet Rope. <i>ACS Chemical Biology</i> , 2006, 1, 339-340.	3.4	0

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37	Small Molecule Improvement of Trafficking Defects in Models of Neurodegeneration. ACS Chemical Neuroscience, 2021, 12, 3972-3984.	3.5	0