

Andrew J Wommack

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

552
citations

840776

11
h-index

940533

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26
all docs

26
docs citations

26
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing Attack of <i>Escherichia coli</i> by the Antimicrobial Peptide Human Defensin 5. <i>Biochemistry</i> , 2015, 54, 1767-1777.	2.5	80
2	On the scope of the Pt-catalyzed Srebnik diborylation of diazoalkanes. An efficient approach to chiral tertiary boronic esters and alcohols via B-stabilized carbanions. <i>Tetrahedron Letters</i> , 2014, 55, 3163-3166.	1.4	70
3	Diverse Alkanones by Catalytic Carbon Insertion into the Formyl C-H Bond. Concise Access to the Natural Precursor of Achyrofuran. <i>Organic Letters</i> , 2009, 11, 3202-3205.	4.6	57
4	Catalytic and Regioselective Ring Expansion of Arylcyclobutanones with Trimethylsilyldiazomethane. Ligand-Dependent Entry to β^2 -Ketosilane or Enolsilane Adducts. <i>Organic Letters</i> , 2010, 12, 3598-3601.	4.6	54
5	Discovery and Characterization of a Disulfide-Locked C ₂ -Symmetric Defensin Peptide. <i>Journal of the American Chemical Society</i> , 2014, 136, 13494-13497.	13.7	50
6	The Hexahistidine Motif of Host-Defense Protein Human Calprotectin Contributes to Zinc Withholding and Its Functional Versatility. <i>Journal of the American Chemical Society</i> , 2016, 138, 12243-12251.	13.7	47
7	NMR Solution Structure and Condition-Dependent Oligomerization of the Antimicrobial Peptide Human Defensin 5. <i>Biochemistry</i> , 2012, 51, 9624-9637.	2.5	45
8	Synthesis of Acyclic Ketones by Catalytic, Bidirectional Homologation of Formaldehyde with Nonstabilized Diazoalkanes. Application of a Chiral Diazomethyl(pyrrolidine) in Total Syntheses of Erythrolyon Alkaloids. <i>Journal of Organic Chemistry</i> , 2013, 78, 10573-10587.	3.2	38
9	Disulfide cross-linking influences symbiotic activities of nodule peptide NCR247. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10157-10162.	7.1	35
10	Manuka honey and methylglyoxal increase the sensitivity of <i>Staphylococcus aureus</i> to linezolid. <i>Letters in Applied Microbiology</i> , 2018, 66, 491-495.	2.2	27
11	PepSAVI-MS Reveals a Proline-rich Antimicrobial Peptide in <i>Amaranthus tricolor</i> . <i>Journal of Natural Products</i> , 2019, 82, 2744-2753.	3.0	16
12	The absorptive effects of orobuccal non-liposomal nano-sized glutathione on blood glutathione parameters in healthy individuals: A pilot study. <i>PLoS ONE</i> , 2019, 14, e0215815.	2.5	9
13	Proteomic response of <i>Escherichia coli</i> to a membrane lytic and iron chelating truncated <i>Amaranthus tricolor</i> defensin. <i>BMC Microbiology</i> , 2021, 21, 110.	3.3	9
14	The same anthocyanins served four different ways: Insights into anthocyanin structure-function relationships from the wintergreen orchid, <i>Tipularia discolor</i> . <i>Plant Science</i> , 2021, 303, 110793.	3.6	6
15	Profiling thimet oligopeptidase-mediated proteolysis in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2021, 106, 336-350.	5.7	5
16	Photosynthetic Profiles of Green, Purple, and Spotted-Leaf Morphotypes of <i>Tipularia discolor</i> (Orchidaceae). <i>Southeastern Naturalist</i> , 2019, 18, 641.	0.4	4
17	Abstract P216: Elevated Blood Glutathione Does Not Reduce Arterial Stiffness or Central Blood Pressure in Healthy Males and Females. <i>Circulation</i> , 2018, 137, .	1.6	0
18	Excess glutamine does not alter myotube metabolism or insulin sensitivity. <i>Amino Acids</i> , 2022, , .	2.7	0