

Amelia A Fuller

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

755
citations

840776

11
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

967
citing authors

#	ARTICLE	IF	CITATIONS
1	Succinct Synthesis of β^2 -Amino Acids via Chiral Isoxazolines. <i>Journal of the American Chemical Society</i> , 2005, 127, 5376-5383.	13.7	140
2	An experimental survey of the transition between two-state and downhill protein folding scenarios. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2369-2374.	7.1	137
3	Evaluating β^2 -turn mimics as β^2 -sheet folding nucleators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11067-11072.	7.1	97
4	A Concise Approach to Structurally Diverse β^2 -Amino Acids. <i>Journal of the American Chemical Society</i> , 2003, 125, 6846-6847.	13.7	96
5	A cross-strand Trp-Trp pair stabilizes the hPin1 WW domain at the expense of function. <i>Protein Science</i> , 2007, 16, 2306-2313.	7.6	48
6	In situ formation and reaction of 2-pyridylboronic esters. <i>Tetrahedron Letters</i> , 2003, 44, 2935-2938.	1.4	46
7	Self-Association of Water-Soluble Peptoids Comprising (S)-N-(1-(Naphthylethyl)glycine Residues. <i>Organic Letters</i> , 2013, 15, 5118-5121.	4.6	30
8	Use of the environmentally sensitive fluorophore 4-(dimethylamino)-1,8-naphthalimide to study peptoid helix structures. <i>Biopolymers</i> , 2011, 96, 627-638.	2.4	24
9	A fluorescent peptoid pH-sensor. <i>Biopolymers</i> , 2013, 100, 380-386.	2.4	20
10	Combinatorial Solid-Phase Synthesis of Aromatic Oligoamides: A Research-Based Laboratory Module for Undergraduate Organic Chemistry. <i>Journal of Chemical Education</i> , 2016, 93, 953-957.	2.3	17
11	Changes at a Critical Branchpoint in the Anthocyanin Biosynthetic Pathway Underlie the Blue to Orange Flower Color Transition in <i>Lysimachia arvensis</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 633979.	3.6	13
12	A Thermodynamic Description of the Adsorption of Simple Water-Soluble Peptoids to Silica. <i>Langmuir</i> , 2016, 32, 11690-11697.	3.5	12
13	Peptoids advance multidisciplinary research and undergraduate education in parallel: Sequence effects on conformation and lipid interactions. <i>Biopolymers</i> , 2019, 110, e23256.	2.4	11
14	A FIA-Tetracysteine Assay for Quantifying the Association and Orientation of Transmembrane β^2 -Helices. <i>ChemBioChem</i> , 2011, 12, 1018-1022.	2.6	10
15	A peptoid supramolecular host for benzo[a]pyrene in water. <i>Supramolecular Chemistry</i> , 2018, 30, 336-344.	1.2	9
16	Solution effects on the self-association of a water-soluble peptoid. <i>Biopolymers</i> , 2019, 110, e23248.	2.4	8
17	Sequence Changes Modulate Peptoid Self-Association in Water. <i>Frontiers in Chemistry</i> , 2020, 8, 260.	3.6	8
18	Solid-Phase Synthesis of Azole-Comprising Peptidomimetics and Coordination of a Designed Analog to Zn ²⁺ . <i>Molecules</i> , 2018, 23, 1035.	3.8	6

#	ARTICLE	IF	CITATIONS
19	Rapid Analysis of ADP-Ribosylation Dynamics and Site-Specificity Using TLC-MALDI. ACS Chemical Biology, 2021, 16, 2137-2143.	3.4	6
20	Synthesis and Structural Characteristics of Geminally Disubstituted Î²-Amino Acids. Synlett, 2004, 2004, 1409-1413.	1.8	4
21	Research into selective biomarkers of erythrocyte exposure to organophosphorus compounds. Analytical Biochemistry, 2009, 392, 155-161.	2.4	4
22	Length and Charge of Water-Soluble Peptoids Impact Binding to Phospholipid Membranes. Journal of Physical Chemistry B, 2019, 123, 5822-5831.	2.6	4
23	Multi-Institution Research and Education Collaboration Identifies New Antimicrobial Compounds. ACS Chemical Biology, 2020, 15, 3187-3196.	3.4	3
24	Diverse N-Substituted Azole-Containing Amino Acids as Building Blocks for Cyclopeptides. ACS Omega, 2020, 5, 1214-1220.	3.5	2
25	Using Fluorescence to Enable Innovative Functions of Foldamers. Israel Journal of Chemistry, 2021, 61, 185-198.	2.3	0