

Aline Dantas de Araujo

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,504
citations

430874

18
h-index

414414

32
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33
all docs

33
docs citations

33
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	Taking the Myc out of cancer: toward therapeutic strategies to directly inhibit c-Myc. <i>Molecular Cancer</i> , 2021, 20, 3.	19.2	191
2	Comparative α -Helicity of Cyclic Pentapeptides in Water. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6965-6969.	13.8	153
3	Diels-Alder Ligation and Surface Immobilization of Proteins. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 296-301.	13.8	149
4	Selenoether oxytocin analogues have analgesic properties in a mouse model of chronic abdominal pain. <i>Nature Communications</i> , 2014, 5, 3165.	12.8	122
5	Modulating Oxytocin Activity and Plasma Stability by Disulfide Bond Engineering. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8585-8596.	6.4	112
6	Stapling peptides using cysteine crosslinking. <i>Biopolymers</i> , 2016, 106, 843-852.	2.4	99
7	Total Synthesis of the Analgesic Conotoxin MrVIB through Selenocysteine-Assisted Folding. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6527-6529.	13.8	88
8	Diels-Alder Ligation of Peptides and Proteins. <i>Chemistry - A European Journal</i> , 2006, 12, 6095-6109.	3.3	82
9	Direct Visualization of Disulfide Bonds through Diselenide Proxies Using ⁷⁷ Se NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9312-9314.	13.8	63
10	Cyclization of Peptides by using Selenolanthionine Bridges. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10298-10302.	13.8	51
11	Bicyclic Helical Peptides as Dual Inhibitors Selective for Bcl2A1 and Mcl-1 Proteins. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2962-2972.	6.4	47
12	Helix Nucleation by the Smallest Known α -Helix in Water. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8275-8279.	13.8	40
13	Development of cell-penetrating peptide-based drug leads to inhibit MDMX:p53 and MDM2:p53 interactions. <i>Biopolymers</i> , 2016, 106, 853-863.	2.4	29
14	Contiguous hydrophobic and charged surface patches in short helix-constrained peptides drive cell permeability. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 367-371.	2.8	26
15	Electrophilic Helical Peptides That Bond Covalently, Irreversibly, and Selectively in a Protein-Protein Interaction Site. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 22-26.	2.8	25
16	A Novel Long-Range π - π^* Interaction Secures the Smallest known α -Helix in Water. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18873-18877.	13.8	23
17	Chemically Diverse Helix-Constrained Peptides Using Selenocysteine Crosslinking. <i>Organic Letters</i> , 2018, 20, 1453-1456.	4.6	21
18	Tuning Electrostatic and Hydrophobic Surfaces of Aromatic Rings to Enhance Membrane Association and Cell Uptake of Peptides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20

#	ARTICLE	IF	CITATIONS
19	Helix constraints and amino acid substitution in GLP-1 increase cAMP and insulin secretion but not beta-arrestin 2 signaling. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 703-714.	5.5	19
20	Nitrobenzyl protection for cysteine and selenocysteine: A more stable alternative to the acetamidomethyl group. <i>Biopolymers</i> , 2010, 94, 423-432.	2.4	17
21	Do Vicinal Disulfide Bridges Mediate Functionally Important Redox Transformations in Proteins?. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1976-1980.	5.4	16
22	Fortified Coiled Coils: Enhancing Mechanical Stability with Lactam or Metal Staples. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 232-236.	13.8	14
23	Landscaping macrocyclic peptides: stapling hDM2-binding peptides for helicity, protein affinity, proteolytic stability and cell uptake. <i>RSC Chemical Biology</i> , 2022, 3, 895-904.	4.1	9
24	Synthesis of Tripeptide Mimetics Based on Dihydroquinolinone and Benzoxazinone Scaffolds. <i>Chemistry - A European Journal</i> , 2011, 17, 13983-13986.	3.3	8
25	A Novel Long-Range π - π^* Interaction Secures the Smallest known α -Helix in Water. <i>Angewandte Chemie</i> , 2019, 131, 19049-19053.	2.0	8
26	A Mild Method for the Preparation of 8-Substituted Xanthines from 5,6-Diaminouracils. <i>Heterocycles</i> , 1999, 51, 29.	0.7	8
27	Evaluation of Chemical Strategies for Improving the Stability and Oral Toxicity of Insecticidal Peptides. <i>Biomedicines</i> , 2018, 6, 90.	3.2	7
28	Europium-Labeled Synthetic C3a Protein as a Novel Fluorescent Probe for Human Complement C3a Receptor. <i>Bioconjugate Chemistry</i> , 2017, 28, 1669-1676.	3.6	6
29	Mechanische Verstärkung von Coiled Coils mit Lactam und Histidin-Metall-Klammern. <i>Angewandte Chemie</i> , 2021, 133, 234-239.	2.0	3
30	Late-Stage Hydrocarbon Conjugation and Cyclisation in Synthetic Peptides and Proteins. <i>ChemBioChem</i> , 2021, 22, 1784-1789.	2.6	3
31	Tuning Electrostatic and Hydrophobic Surfaces of Aromatic Rings to Enhance Membrane Association and Cell Uptake of Peptides. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2