

Donald Bierer

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

331
citations

933447

10
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Chemical Synthesis of Correctly Folded Disulfide-Rich Proteins Using a Removable O-Linked Î²-N-Acetylglucosamine Strategy. <i>Journal of the American Chemical Society</i> , 2022, 144, 349-357.	13.7	26
2	Chemical synthesis of disulfide surrogate peptides by using beta-carbon dimethyl modified diaminodiacids. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9021-9025.	2.8	5
3	Application of <i>tert</i> -Butyl Disulfide-Protected Amino Acids for the Fmoc Solid-Phase Synthesis of Lactam Cyclic Peptides under Mild Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 8610-8619.	3.2	2
4	Use of a Removable Backbone Modification Strategy to Prevent Aspartimide Formation in the Synthesis of Asp Lactam Cyclic Peptides. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2517-2522.	4.9	4
5	Flexible Synthesis and Herbicidal Activity of Fully Substituted 3-Hydroxypyrazoles. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5677.	2.4	5
6	Potent Inhibition of HIF1Î± and p300 Interaction by a Constrained Peptide Derived from CITED2. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13693-13703.	6.4	15
7	Biomimetic enantioselective synthesis of Î²,Î²-difluoro-Î±-amino acid derivatives. <i>Communications Chemistry</i> , 2021, 4, .	4.5	2
8	A Diaminodiacid (DADA) Strategy for the Development of Disulfide Surrogate Peptides. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2793-2802.	3.3	19
9	Chemical synthesis and biological activity of peptides incorporating an ether bridge as a surrogate for a disulfide bond. <i>Chemical Science</i> , 2020, 11, 7927-7932.	7.4	20
10	Synthesis of Disulfide Surrogate Peptides Incorporating Large-Span Surrogate Bridges Through a Native-Chemical-Ligation-Assisted Diaminodiacid Strategy. <i>Angewandte Chemie</i> , 2020, 132, 6093-6101.	2.0	7
11	Synthesis of Disulfide Surrogate Peptides Incorporating Large-Span Surrogate Bridges Through a Native-Chemical-Ligation-Assisted Diaminodiacid Strategy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6037-6045.	13.8	44
12	Chemical Synthesis of Six-Atom Thioether Bridged Diaminodiacid for Solid-Phase Synthesis of Peptide Disulfide Bond Mimics. <i>ChemistrySelect</i> , 2020, 5, 1359-1363.	1.5	6
13	Chimeric protein probes for C5a receptors through fusion of the anaphylatoxin C5a core region with a small-molecule antagonist. <i>Science China Chemistry</i> , 2019, 62, 1371-1378.	8.2	41
14	Efficient synthesis of a side-chain extended diaminodiacid for solid-phase synthesis of peptide disulfide bond mimics. <i>Tetrahedron Letters</i> , 2019, 60, 1197-1201.	1.4	9
15	Synthesis of Peptide Disulfide-Bond Mimics by Using Fully Orthogonally Protected Diaminodiacids. <i>Organic Letters</i> , 2018, 20, 6074-6078.	4.6	20
16	The Impact of Adrenomedullin Thr22 on Selectivity within the Calcitonin Receptor-like Receptor/Receptor Activity-Modifying Protein System. <i>ChemMedChem</i> , 2018, 13, 1797-1805.	3.2	7
17	DmbivDde protected diaminodiacids for solid-phase synthesis of peptide disulfide-bond mimics. <i>Tetrahedron Letters</i> , 2017, 58, 1677-1680.	1.4	17
18	A novel peptide stapling strategy enables the retention of ring-closing amino acid side chains for the Wnt/Î²-catenin signalling pathway. <i>Chemical Science</i> , 2017, 8, 7368-7373.	7.4	44

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19	Efficient synthesis of hydrocarbon-bridged diaminediacids through nickel-catalyzed reductive cross-coupling. <i>Tetrahedron Letters</i> , 2017, 58, 3970-3973.	1.4	12
20	Development of Potent and Metabolically Stable APJ Ligands with High Therapeutic Potential. <i>ChemMedChem</i> , 2016, 11, 2378-2384.	3.2	26