

# Frederik Diness

## List of Publications by Year in descending order

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31  
papers

950  
citations

623734

14  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining Cyclic Peptides To Mimic Protein Structure Motifs. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13020-13041.	13.8	338
2	Comparative $\alpha$ -Helicity of Cyclic Pentapeptides in Water. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6965-6969.	13.8	153
3	Total Synthesis, Structure, and Oral Absorption of a Thiazole Cyclic Peptide, Sanguinamide A. <i>Organic Letters</i> , 2012, 14, 5720-5723.	4.6	61
4	Rational Tuning of Fluorobenzene Probes for Cysteine-Selective Protein Modification. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8022-8026.	13.8	58
5	Solid-Phase Synthesis of Tetrahydro- $\beta$ -carbolines and Tetrahydroisoquinolines by Stereoselective Intramolecular N-Carbamyliminium Pictet-Spengler Reactions. <i>Chemistry - A European Journal</i> , 2006, 12, 8056-8066.	3.3	49
6	Mechanism and Scope of Base-Controlled Catalyst-Free N-Arylation of Amines with Unactivated Fluorobenzenes. <i>Chemistry - A European Journal</i> , 2017, 23, 846-851.	3.3	40
7	Probing the aglycon binding site of a $\beta$ -glucosidase: a collection of C-1-modified 2,5-dideoxy-2,5-imino-d-mannitol derivatives and their structure-activity relationships as competitive inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3485-3495.	3.0	37
8	Sequential Direct S <sub>N</sub> Ar Reactions of Pentafluorobenzenes with Azole or Indole Derivatives. <i>Organic Letters</i> , 2014, 16, 3130-3133.	4.6	32
9	C-Terminally modified peptides via cleavage of the HMBA linker by O-, N- or S-nucleophiles. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3238-3245.	2.8	25
10	Synthesis of the Thiazole-Thiazoline Fragment of Largazole Analogues. <i>Journal of Organic Chemistry</i> , 2011, 76, 9845-9851.	3.2	23
11	Biophysical characterization of the proton-coupled oligopeptide transporter YjdL. <i>Peptides</i> , 2012, 38, 89-93.	2.4	20
12	Click-Chemistry-Mediated Synthesis of Selective Melanocortin Receptor 4 Agonists. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8716-8730.	6.4	17
13	Imidazolones in Diastereoselective Cyclization Reactions and Cu <sup>II</sup> -Catalysed Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2009, 15, 7044-7047.	3.3	14
14	Rational Tuning of Fluorobenzene Probes for Cysteine-Selective Protein Modification. <i>Angewandte Chemie</i> , 2018, 130, 8154-8158.	2.0	14
15	Computational Evolution of Threonine-Rich $\beta$ -Hairpin Peptides Mimicking Specificity and Affinity of Antibodies. <i>ACS Central Science</i> , 2019, 5, 259-269.	11.3	9
16	Fmoc: A Base-Labile Aldehyde Protecting Group. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1433-1436.	2.4	8
17	Diversity-Oriented Syntheses by Combining CuAAC and Stereoselective INCIC Reactions with Peptides. <i>Chemistry - A European Journal</i> , 2017, 23, 13869-13874.	3.3	7
18	Sustainable Flow Synthesis of Encoded Beads for Combinatorial Chemistry and Chemical Biology. <i>ACS Combinatorial Science</i> , 2018, 20, 492-498.	3.8	7

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19	Twists or turns: stabilising alpha <i>vs.</i> beta turns in tetrapeptides. <i>Chemical Science</i> , 2019, 10, 10595-10600.	7.4	6
20	Metabolically Stable Cellular Adhesion to Inert Surfaces. <i>ChemBioChem</i> , 2011, 12, 2463-2470.	2.6	5
21	Azotides as Modular Peptide-Based Ligands for Asymmetric Lewis Acid Catalysis. <i>Journal of Organic Chemistry</i> , 2019, 84, 6940-6945.	3.2	4
22	Design and Combinatorial Development of Shield-1 Peptide Mimetics Binding to Destabilized FKBP12. <i>ACS Combinatorial Science</i> , 2020, 22, 156-164.	3.8	4
23	C-Terminal lactamization of peptides. <i>Chemical Communications</i> , 2021, 57, 895-898.	4.1	4
24	Tuning Peptide Structure and Function through Fluorobenzene Stapling. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
25	Synthesis and stability of strongly acidic benzamide derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 523-530.	2.2	3
26	Metalloâ€œOrganozymes with Specific Proteolytic Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 17424-17428.	3.3	2
27	Dihydroquinazolinones via A 3 â€œType Reactions of N â€œCarbamoyliminium Ions. <i>Chemistry - A European Journal</i> , 2020, 26, 15825-15829.	3.3	2
28	Carbon dioxide enhances sulphur-selective conjugate addition reactions. <i>Organic and Biomolecular Chemistry</i> , 0, , .	2.8	2
29	InnenrÃ¼cktitelbild: Rational Tuning of Fluorobenzene Probes for Cysteineâ€œSelective Protein Modification ( <i>Angew. Chem.</i> 27/2018). <i>Angewandte Chemie</i> , 2018, 130, 8463-8463.	2.0	1
30	Comparative studies of adhesion peptides based onl- ord-amino acids. <i>Journal of Peptide Science</i> , 2016, 22, 642-646.	1.4	0
31	Ligninâ€œinspired Polybenzylethersulfone Synthesis via S <sub>N</sub> Ar Reaction. <i>Macromolecular Chemistry and Physics</i> , 0, , 2100484.	2.2	0