

# Sandrine Onger

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Introducing the Chiral Constrained $\beta$ -trifluoromethylalanine in Aib Foldamers to Control, Quantify and Assign the Helical Screw Sense**. Chemistry - A European Journal, 2022, 28, .	1.7	3
2	Fluorinated Triazole Foldamers: Folded or Extended Conformational Preferences. ChemPlusChem, 2021, 86, 241-251.	1.3	3
3	Peptidotriazolamers Inhibit $A\beta(1-42)$ Oligomerization and Cross a Blood-Brain Barrier Model. ChemPlusChem, 2021, 86, 840-851.	1.3	2
4	$\beta$ -Hairpin Peptide Mimics Decrease Human Islet Amyloid Polypeptide (hIAPP) Aggregation. Frontiers in Cell and Developmental Biology, 2021, 9, 729001.	1.8	6
5	Real-time BODIPY Binding Assay To Screen Inhibitors of the Early Oligomerization Process of $A\beta(1-42)$ Peptide. ChemBioChem, 2020, 21, 1129-1135.	1.3	17
6	Helical $\beta$ -Peptide Foldamers as Dual Inhibitors of Amyloid $\beta$ Peptide and Islet Amyloid Polypeptide Oligomerization and Fibrillization. Chemistry - A European Journal, 2020, 26, 14612-14622.	1.7	17
7	Evidence for different in vitro oligomerization behaviors of synthetic hIAPP obtained from different sources. Analytical and Bioanalytical Chemistry, 2020, 412, 3103-3111.	1.9	4
8	Introducing sequential aza-amino acids units induces repeated $\beta$ -turns and helical conformations in peptides. Organic and Biomolecular Chemistry, 2020, 18, 3452-3458.	1.5	10
9	Peptides and peptidomimetics as inhibitors of protein-protein interactions involving $\beta$ -sheet secondary structures. Current Opinion in Chemical Biology, 2019, 52, 157-167.	2.8	33
10	Asymmetric Synthesis of Cyclic Fluorinated Amino Acids. European Journal of Organic Chemistry, 2018, 2018, 3688-3692.	1.2	28
11	A capillary zone electrophoresis method to investigate the oligomerization of the human Islet Amyloid Polypeptide involved in Type 2 Diabetes. Journal of Chromatography A, 2018, 1578, 83-90.	1.8	6
12	Towards a general synthesis of di-aza-amino acids containing peptides. New Journal of Chemistry, 2018, 42, 17062-17072.	1.4	6
13	Structure-activity relationships of $\beta$ -hairpin mimics as modulators of amyloid $\beta$ -peptide aggregation. European Journal of Medicinal Chemistry, 2018, 154, 280-293.	2.6	15
14	Binding Modes of a Glycopeptidomimetic Molecule on $A\beta$ Protofibrils: Implication for Its Inhibition Mechanism. ACS Chemical Neuroscience, 2018, 9, 2859-2869.	1.7	10
15	N-Difluoromethyl-triazole as a constrained scaffold in peptidomimetics. Chemical Communications, 2017, 53, 5024-5027.	2.2	9
16	Synthesis and Characterization of Hairpin Mimics that Modulate the Early Oligomerization and Fibrillization of Amyloid $\beta$ -Peptide. European Journal of Organic Chemistry, 2017, 2017, 2971-2980.	1.2	12
17	In vitro monitoring of amyloid $\beta$ -peptide oligomerization by Electrospray differential mobility analysis: An alternative tool to evaluate Alzheimer's disease drug candidates. Talanta, 2017, 165, 84-91.	2.9	12
18	$\beta$ -Hairpin mimics containing a piperidine-pyrrolidine scaffold modulate the $\beta$ -amyloid aggregation process preserving the monomer species. Chemical Science, 2017, 8, 1295-1302.	3.7	39

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19	The use of 4,4,4-trifluorothreonine to stabilize extended peptide structures and mimic $\beta^2$ -strands. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2842-2853.	1.3	1
20	Designed Glycopeptidomimetics Disrupt Protein-Protein Interactions Mediating Amyloid $\beta^2$ -Peptide Aggregation and Restore Neuroblastoma Cell Viability. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2025-2040.	2.9	37
21	Electrophilic Amination of Fluoroalkyl Groups on Azodicarboxylate Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 1964-1971.	1.7	22
22	Synthesis and conformational studies of a stable peptidomimetic $\beta^2$ -hairpin based on a bifunctional diketopiperazine turn inducer. <i>New Journal of Chemistry</i> , 2015, 39, 3250-3258.	1.4	7
23	<sup>19</sup> F NMR monitoring of the eukaryotic 20S proteasome chymotrypsin-like activity: an investigative tool for studying allosteric regulation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4576-4581.	1.5	14
24	An improved capillary electrophoresis method for in vitro monitoring of the challenging early steps of $A\beta^{1-42}$ peptide oligomerization: Application to anti-Alzheimer's drug discovery. <i>Electrophoresis</i> , 2014, 35, 3302-3309.	1.3	28
25	Highly Stereoselective aza-Baylis-Hillman Reactions of $CF_3$ -Sulfinylimines: Straightforward Access to $\beta^2$ -Methylene $CF_3$ - $\beta^2$ -Amino Acids. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3072-3075.	1.2	29
26	Structure-activity relationships of sugar-based peptidomimetics as modulators of amyloid $\beta^2$ -peptide early oligomerization and fibrillization. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 752-758.	2.6	24
27	Introduction of polar groups on the naphthalene scaffold of molecular tongs inhibiting wild-type and mutated HIV-1 protease dimerization. <i>MedChemComm</i> , 2014, 5, 719-727.	3.5	1
28	Access to novel functionalized trifluoromethyl $\beta^2$ -lactams by ring expansion of aziridines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6345.	1.5	23
29	$\beta^1$ - and $\beta^2$ -hydrazino acid-based pseudopeptides inhibit the chymotrypsin-like activity of the eukaryotic 20S proteasome. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 505-524.	2.6	19
30	Access to novel amino trifluoromethyl cyclopropane carboxylic acid derivatives. <i>Tetrahedron</i> , 2013, 69, 3308-3315.	1.0	16
31	Non-Covalent Proteasome Inhibitors. <i>Current Pharmaceutical Design</i> , 2013, 19, 4115-4130.	0.9	18
32	Carbonylhydrazide-Based Molecular Tongs Inhibit Wild-Type and Mutated HIV-1 Protease Dimerization. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6762-6775.	2.9	14
33	Synthesis of fluorinated N-aminoaziridines: access to new $CF_3$ -peptidomimetics. <i>Tetrahedron</i> , 2012, 68, 7028-7034.	1.0	23
34	Sugar-based peptidomimetics inhibit amyloid $\beta^2$ -peptide aggregation. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5959-5969.	2.6	31
35	Toward the First Nonpeptidic Molecular Tong Inhibitor of Wild-Type and Mutated HIV-1 Protease Dimerization. <i>ChemMedChem</i> , 2010, 5, 1899-1906.	1.6	18
36	Cyclic RGD-Peptidomimetics Containing Bifunctional Diketopiperazine Scaffolds as New Potent Integrin Ligands. <i>Chemistry - A European Journal</i> , 2009, 15, 12184-12188.	1.7	58

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37	Novel fluorinated pseudopeptides as proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 83-86.	1.0	36
38	Synthesis and conformational studies of pseudopeptides containing an unsymmetrical triazine scaffold. <i>Journal of Peptide Science</i> , 2008, 14, 596-609.	0.8	10
39	Synthesis of new triazole-based trifluoromethyl scaffolds. <i>Beilstein Journal of Organic Chemistry</i> , 2008, 4, 19.	1.3	13
40	Molecular Tongs Containing Amino Acid Mimetic Fragments: New Inhibitors of Wild-Type and Mutated HIV-1 Protease Dimerization. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4657-4664.	2.9	34
41	New Constrained "Molecular Tongs" Designed To Dissociate HIV-1 Protease Dimer. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6392-6400.	2.9	39