

# Nicolo Tonali

## List of Publications by Citations

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19  
papers

161  
citations

6  
h-index

12  
g-index

20  
ext. papers

221  
ext. citations

4.7  
avg, IF

3.32  
L-index

#	Paper	IF	Citations
19	β-Hairpin mimics containing a piperidine-pyrrolidine scaffold modulate the Amyloid aggregation process preserving the monomer species. <i>Chemical Science</i> , <b>2017</b> , 8, 1295-1302	9.4	32
18	Designed Glycopeptidomimetics Disrupt Protein-Protein Interactions Mediating Amyloid β-Peptide Aggregation and Restore Neuroblastoma Cell Viability. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 2025-40	8.3	25
17	Natural compounds as inhibitors of transthyretin amyloidosis and neuroprotective agents: analysis of structural data for future drug design. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2020</b> , 35, 1145-1162	5.6	23
16	The Positive Side of the Alzheimer's Disease Amyloid Cross-Interactions: The Case of the Aβ <sub>1-42</sub> Peptide with Tau, TTR, CysC, and ApoA1. <i>Molecules</i> , <b>2020</b> , 25,	4.8	22
15	Real-Time BODIPY-Binding Assay To Screen Inhibitors of the Early Oligomerization Process of Aβ <sub>1-42</sub> Peptide. <i>ChemBioChem</i> , <b>2020</b> , 21, 1129-1135	3.8	12
14	Structure-activity relationships of β-hairpin mimics as modulators of amyloid β-peptide aggregation. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 154, 280-293	6.8	9
13	Monoaryl derivatives as transthyretin fibril formation inhibitors: Design, synthesis, biological evaluation and structural analysis. <i>Bioorganic and Medicinal Chemistry</i> , <b>2020</b> , 28, 115673	3.4	6
12	Phenothiazine-Biaryl-Containing Fluorescent RGD Peptides. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 12036-12042	4.8	5
11	Introducing sequential aza-amino acids units induces repeated β-turns and helical conformations in peptides. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 3452-3458	3.9	4
10	Physiological Metals Can Induce Conformational Changes in Transthyretin Structure: Neuroprotection or Misfolding Induction?. <i>Crystals</i> , <b>2021</b> , 11, 354	2.3	4
9	Application of PROTAC strategy to TTR-Aβ protein-protein interaction for the development of Alzheimer's disease drugs. <i>Neural Regeneration Research</i> , <b>2021</b> , 16, 1554-1555	4.5	4
8	Towards a general synthesis of di-aza-amino acids containing peptides. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 17062-17072	3.6	4
7	Pepsin Digest of Gliadin Forms Spontaneously Amyloid-Like Nanostructures Influencing the Expression of Selected Pro-Inflammatory, Chemoattractant, and Apoptotic Genes in Caco-2 Cells: Implications for Gluten-Related Disorders. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2100200	5.9	3
6	Mambalgin-1 pain-relieving peptide locks the hinge between α and β helices to inhibit rat acid-sensing ion channel 1a. <i>Neuropharmacology</i> , <b>2021</b> , 185, 108453	5.5	2
5	Introduction of polar groups on the naphthalene scaffold of molecular tongs inhibiting wild-type and mutated HIV-1 protease dimerization. <i>MedChemComm</i> , <b>2014</b> , 5, 719-727	5	1
4	β-Hairpin Peptide Mimics Decrease Human Islet Amyloid Polypeptide (hIAPP) Aggregation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 729001	5.7	1
3	Antioxidant Quercetin 3-O-Glycosylated Plant Flavonols Contribute to Transthyretin Stabilization. <i>Crystals</i> , <b>2022</b> , 12, 638	2.3	1

- 2 Peptidotriazolamers Inhibit A $\beta$ (1-42) Oligomerization and Cross a Blood-Brain-Barrier Model. *ChemPlusChem*, **2021**, 86, 840-851 2.8 ○
- 1 Multimodal methods to study protein aggregation and fibrillation **2022**, 77-102