

# Francesco Bellia

## List of Publications by Year in descending order

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46  
papers

1,079  
citations

361045

20  
h-index

414034

32  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective features of carnosine in oxidative driven diseases. <i>Molecular Aspects of Medicine</i> , 2011, 32, 258-266.	2.7	110
2	Carnosinases, Their Substrates and Diseases. <i>Molecules</i> , 2014, 19, 2299-2329.	1.7	74
3	Administration of carnosine in the treatment of acute spinal cord injury. <i>Biochemical Pharmacology</i> , 2011, 82, 1478-1489.	2.0	57
4	Carnosinase Levels in Aging Brain: Redox State Induction and Cellular Stress Response. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2759-2775.	2.5	55
5	Carnosine derivatives: new multifunctional drug-like molecules. <i>Amino Acids</i> , 2012, 43, 153-163.	1.2	50
6	Soluble Sugar-Based Quinoline Derivatives as New Antioxidant Modulators of Metal-Induced Amyloid Aggregation. <i>Inorganic Chemistry</i> , 2015, 54, 2591-2602.	1.9	47
7	The role of copper(II) and zinc(II) in the degradation of human and murine IAPP by insulin-degrading enzyme. <i>Journal of Mass Spectrometry</i> , 2014, 49, 274-279.	0.7	44
8	New glycosidic derivatives of histidine-containing dipeptides with antioxidant properties and resistant to carnosinase activity. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 373-380.	2.6	41
9	New glycoside derivatives of carnosine and analogs resistant to carnosinase hydrolysis: Synthesis and characterization of their copper(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 181-188.	1.5	39
10	Formation of insulin fragments by insulin-degrading enzyme: the role of zinc(II) and cystine bridges. <i>Journal of Mass Spectrometry</i> , 2013, 48, 135-140.	0.7	36
11	Unusual Cyclodextrin Derivatives as a New Avenue to Modulate Self- and Metal-Induced $A\beta$ Aggregation. <i>Chemistry - A European Journal</i> , 2015, 21, 14047-14059.	1.7	33
12	Copper(II)-chelating homocarnosine glycoconjugate as a new multifunctional compound. <i>Journal of Inorganic Biochemistry</i> , 2014, 131, 56-63.	1.5	32
13	Multitarget trehalose-carnosine conjugates inhibit $A\beta$ aggregation, tune copper(II) activity and decrease acrolein toxicity. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 447-457.	2.6	32
14	Copper(II) complexes with $\beta$ -cyclodextrin-homocarnosine conjugates and their antioxidant activity. <i>Inorganica Chimica Acta</i> , 2007, 360, 945-954.	1.2	26
15	Intramolecular Weak Interactions in the Thermodynamic Stereoselectivity of Copper(II) Complexes with Carnosine-Trehalose Conjugates. <i>Chemistry - A European Journal</i> , 2011, 17, 9448-9455.	1.7	24
16	Inorganic Stressors of Ubiquitin. <i>Inorganic Chemistry</i> , 2013, 52, 9567-9573.	1.9	24
17	Synthesis and antioxidant activity of new homocarnosine $\beta$ -cyclodextrin conjugates. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 910-920.	2.6	23
18	Cyclodextrin Nanoparticles Bearing $\beta$ -Hydroxyquinoline Ligands as Multifunctional Biomaterials. <i>Chemistry - A European Journal</i> , 2017, 23, 4442-4449.	1.7	23

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19	Noncovalent Interaction-Driven Stereoselectivity of Copper(II) Complexes with Cyclodextrin Derivatives of $\alpha$ - and $\beta$ -Carnosine. <i>Inorganic Chemistry</i> , 2011, 50, 4917-4924.	1.9	22
20	Linear polymers of $\beta$ and $\gamma$ cyclodextrins with a polyglutamic acid backbone as carriers for doxorubicin. <i>Carbohydrate Polymers</i> , 2017, 177, 355-360.	5.1	22
21	Porphyrin Cyclodextrin Conjugates Modulate Amyloid Beta Peptide Aggregation and Cytotoxicity. <i>Chemistry - A European Journal</i> , 2018, 24, 6349-6353.	1.7	21
22	Antimicrobial, Antioxidant, and Cytotoxic Activities of <i>Juglans regia</i> L. Pellicle Extract. <i>Antibiotics</i> , 2021, 10, 159.	1.5	19
23	New derivative of carnosine for nanoparticle assemblies. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 225-232.	2.6	17
24	Tau-peptide fragments and their copper(II) complexes: Effects on Amyloid- $\beta$ aggregation. <i>Inorganica Chimica Acta</i> , 2018, 472, 82-92.	1.2	17
25	Hyaluronan-carnosine conjugates inhibit $A\beta$ aggregation and toxicity. <i>Scientific Reports</i> , 2020, 10, 15998.	1.6	17
26	Pyrazolones Activate the Proteasome by Gating Mechanisms and Protect Neuronal Cells from $A\beta$ Amyloid Toxicity. <i>ChemMedChem</i> , 2020, 15, 302-316.	1.6	15
27	Trehalose-8-hydroxyquinoline conjugates as antioxidant modulators of $A\beta$ aggregation. <i>RSC Advances</i> , 2016, 6, 47229-47236.	1.7	14
28	An inorganic overview of natural $A\beta$ fragments: Copper(II) and zinc(II)-mediated pathways. <i>Coordination Chemistry Reviews</i> , 2018, 369, 1-14.	9.5	14
29	In Vitro Antibacterial, Anti-Adhesive and Anti-Biofilm Activities of <i>Krameria lappacea</i> (Dombey) Burdet & B.B. Simpson Root Extract against Methicillin-Resistant <i>Staphylococcus aureus</i> Strains. <i>Antibiotics</i> , 2021, 10, 428.	1.5	14
30	Structural and functional evidence for citicoline binding and modulation of 20S proteasome activity: Novel insights into its pro-proteostatic effect. <i>Biochemical Pharmacology</i> , 2020, 177, 113977.	2.0	13
31	Neuroprotective Effect of Carnosine Is Mediated by Insulin-Degrading Enzyme. <i>ACS Chemical Neuroscience</i> , 2022, , .	1.7	13
32	Site directed mutagenesis of insulin-degrading enzyme allows singling out the molecular basis of peptidase <i>versus</i> E1-like activity: the role of metal ions. <i>Metallomics</i> , 2019, 11, 278-281.	1.0	11
33	Structural Isomers of Cyclodextrin Bearing IOX1 Compound as Inhibitors of $A\beta$ Aggregation. <i>ChemistrySelect</i> , 2017, 2, 655-659.	0.7	9
34	IDE Degrades Nociceptin/Orphanin FQ through an Insulin Regulated Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4447.	1.8	9
35	Acrolein and Copper as Competitive Effectors of $\beta$ -Synuclein. <i>Chemistry - A European Journal</i> , 2020, 26, 1871-1879.	1.7	8
36	Aminocyclodextrin Oligomers as Protective Agents of Protein Aggregation. <i>ChemPlusChem</i> , 2016, 81, 660-665.	1.3	7

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37	Carnoquinolines Target Copper Dyshomeostasis, Aberrant Protein-Protein Interactions, and Oxidative Stress. <i>Chemistry - A European Journal</i> , 2020, 26, 16690-16705.	1.7	7
38	Terpyridine functionalized cyclodextrin nanoparticles: metal coordination for tuning anticancer activity. <i>Dalton Transactions</i> , 2022, 51, 5000-5003.	1.6	7
39	Carnosine and Cognitive Deficits. , 2015, , 973-982.		6
40	Liposome antibody-ionophore conjugate antiproliferative activity increases by cellular metallostasis alteration. <i>MedChemComm</i> , 2016, 7, 2364-2367.	3.5	6
41	Exploring Charged Polymeric Cyclodextrins for Biomedical Applications. <i>Molecules</i> , 2021, 26, 1724.	1.7	6
42	Synergistic Effect of L-Carnosine and Hyaluronic Acid in Their Covalent Conjugates on the Antioxidant Abilities and the Mutual Defense against Enzymatic Degradation. <i>Antioxidants</i> , 2022, 11, 664.	2.2	4
43	Insulin-Degrading Enzyme Is a Non Proteasomal Target of Carfilzomib and Affects the 20S Proteasome Inhibition by the Drug. <i>Biomolecules</i> , 2022, 12, 315.	1.8	3
44	Orobanche crenata Forssk. Extract Affects Human Breast Cancer Cell MCF-7 Survival and Viral Replication. <i>Cells</i> , 2022, 11, 1696.	1.8	3
45	Focusing on the functional characterization of the anserinase from <i>Oreochromis niloticus</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 130, 158-165.	3.6	2
46	Synthesis and biological evaluation of novel $\beta$ -cyclodextrin-fluvastatin conjugates. <i>Results in Chemistry</i> , 2021, 3, 100230.	0.9	0