

# Barbara Spolaore

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6360059/publications.pdf>

Version: 2024-02-01

20  
papers

1,121  
citations

759233

12  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing protein structure by limited proteolysis.. Acta Biochimica Polonica, 2019, 51, 299-321.	0.5	383
2	Site-specific modification and PEGylation of pharmaceutical proteins mediated by transglutaminase. Advanced Drug Delivery Reviews, 2008, 60, 13-28.	13.7	225
3	Transglutaminase-Mediated PEGylation of Proteins: Direct Identification of the Sites of Protein Modification by Mass Spectrometry using a Novel Monodisperse PEG. Bioconjugate Chemistry, 2009, 20, 384-389.	3.6	87
4	Local Unfolding Is Required for the Site-Specific Protein Modification by Transglutaminase. Biochemistry, 2012, 51, 8679-8689.	2.5	58
5	Î±-Lactalbumin Forms with Oleic Acid a High Molecular Weight Complex Displaying Cytotoxic Activity. Biochemistry, 2010, 49, 8658-8667.	2.5	57
6	Protein Interactions Leading to Conformational Changes Monitored by Limited Proteolysis:Â Apo Form and Fragments of Horse Cytochrome c. Biochemistry, 2001, 40, 9460-9468.	2.5	42
7	Site-Specific Transglutaminase-Mediated Conjugation of Interferon Î±-2b at Glutamine or Lysine Residues. Bioconjugate Chemistry, 2016, 27, 2695-2706.	3.6	41
8	Cell surface nucleolin interacts with and internalizes Bothrops asper Lys49 phospholipase A2 and mediates its toxic activity. Scientific Reports, 2018, 8, 10619.	3.3	36
9	Identifying Disordered Regions in Proteins by Limited Proteolysis. Methods in Molecular Biology, 2012, 896, 297-318.	0.9	35
10	Characterization and transcription studies of a phytochelatin synthase gene from the solitary tunicate Ciona intestinalis exposed to cadmium. Aquatic Toxicology, 2014, 152, 47-56.	4.0	33
11	Limited Proteolysis of Human Growth Hormone at Low pH:Â Isolation, Characterization, and Complementation of the Two Biologically Relevant Fragments 1âˆ’44 and 45âˆ’191. Biochemistry, 2004, 43, 6576-6586.	2.5	29
12	Enzymatic labelling of snake venom phospholipase A2 toxins. Toxicon, 2019, 170, 99-107.	1.6	13
13	Enzymatic Methods for the Site-Specific Radiolabeling of Targeting Proteins. Molecules, 2021, 26, 3492.	3.8	13
14	Site-Specific Derivatization of Avidin Using Microbial Transglutaminase. Bioconjugate Chemistry, 2014, 25, 470-480.	3.6	12
15	A serine protease secreted from Bacillus subtilis cleaves human plasma transthyretin to generate an amyloidogenic fragment. Communications Biology, 2020, 3, 764.	4.4	12
16	Transglutaminase-mediated conjugation and nitride-technetium-99m labelling of a bis(thiosemicarbazone) bifunctional chelator. Journal of Inorganic Biochemistry, 2018, 183, 18-31.	3.5	10
17	Heme Binding by the N-Terminal Fragment 1âˆ’44 of Human Growth Hormone. Biochemistry, 2005, 44, 16079-16089.	2.5	9
18	Site-specific derivatization of human interferon Î²-1a at lysine residues using microbial transglutaminase. Amino Acids, 2018, 50, 923-932.	2.7	7

#	ARTICLE	IF	CITATIONS
19	The site-specific TGase-mediated PEGylation of proteins occurs at flexible sites. , 2009, , 89-112.		5
20	Water-Soluble [Tc(N)(PNP)] Moiety for Room-Temperature <sup>99m</sup> Tc Labeling of Sensitive Target Vectors. Molecular Pharmaceutics, 2022, 19, 876-894.	4.6	5