

# Barbara Spolaore

## List of Publications by Year in descending order

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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	Water-Soluble [Tc(N)(PNP)] Moiety for Room-Temperature <sup>99m</sup> Tc Labeling of Sensitive Target Vectors. <i>Molecular Pharmaceutics</i> , 2022, 19, 876-894.	4.6	5
2	Enzymatic Methods for the Site-Specific Radiolabeling of Targeting Proteins. <i>Molecules</i> , 2021, 26, 3492.	3.8	13
3	A serine protease secreted from <i>Bacillus subtilis</i> cleaves human plasma transthyretin to generate an amyloidogenic fragment. <i>Communications Biology</i> , 2020, 3, 764.	4.4	12
4	Enzymatic labelling of snake venom phospholipase A2 toxins. <i>Toxicon</i> , 2019, 170, 99-107.	1.6	13
5	Probing protein structure by limited proteolysis.. <i>Acta Biochimica Polonica</i> , 2019, 51, 299-321.	0.5	383
6	Site-specific derivatization of human interferon $\beta$ -1a at lysine residues using microbial transglutaminase. <i>Amino Acids</i> , 2018, 50, 923-932.	2.7	7
7	Transglutaminase-mediated conjugation and nitride-technetium-99m labelling of a bis(thiosemicarbazone) bifunctional chelator. <i>Journal of Inorganic Biochemistry</i> , 2018, 183, 18-31.	3.5	10
8	Cell surface nucleolin interacts with and internalizes <i>Bothrops asper</i> Lys49 phospholipase A2 and mediates its toxic activity. <i>Scientific Reports</i> , 2018, 8, 10619.	3.3	36
9	Site-Specific Transglutaminase-Mediated Conjugation of Interferon $\beta$ -2b at Glutamine or Lysine Residues. <i>Bioconjugate Chemistry</i> , 2016, 27, 2695-2706.	3.6	41
10	Characterization and transcription studies of a phytochelatin synthase gene from the solitary tunicate <i>Ciona intestinalis</i> exposed to cadmium. <i>Aquatic Toxicology</i> , 2014, 152, 47-56.	4.0	33
11	Site-Specific Derivatization of Avidin Using Microbial Transglutaminase. <i>Bioconjugate Chemistry</i> , 2014, 25, 470-480.	3.6	12
12	Local Unfolding Is Required for the Site-Specific Protein Modification by Transglutaminase. <i>Biochemistry</i> , 2012, 51, 8679-8689.	2.5	58
13	Identifying Disordered Regions in Proteins by Limited Proteolysis. <i>Methods in Molecular Biology</i> , 2012, 896, 297-318.	0.9	35
14	$\beta$ -Lactalbumin Forms with Oleic Acid a High Molecular Weight Complex Displaying Cytotoxic Activity. <i>Biochemistry</i> , 2010, 49, 8658-8667.	2.5	57
15	The site-specific TGase-mediated PEGylation of proteins occurs at flexible sites. , 2009, , 89-112.		5
16	Transglutaminase-Mediated PEGylation of Proteins: Direct Identification of the Sites of Protein Modification by Mass Spectrometry using a Novel Monodisperse PEG. <i>Bioconjugate Chemistry</i> , 2009, 20, 384-389.	3.6	87
17	Site-specific modification and PEGylation of pharmaceutical proteins mediated by transglutaminase. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 13-28.	13.7	225
18	Heme Binding by the N-Terminal Fragment 1 $\alpha$ ~44 of Human Growth Hormone. <i>Biochemistry</i> , 2005, 44, 16079-16089.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Limited Proteolysis of Human Growth Hormone at Low pH: Isolation, Characterization, and Complementation of the Two Biologically Relevant Fragments 1-44 and 45-191. <i>Biochemistry</i> , 2004, 43, 6576-6586.	2.5	29
20	Protein Interactions Leading to Conformational Changes Monitored by Limited Proteolysis: Apo Form and Fragments of Horse Cytochrome c. <i>Biochemistry</i> , 2001, 40, 9460-9468.	2.5	42