

# Nuria Gonzalez-Montalban

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11282630/publications.pdf>

Version: 2024-02-01

29  
papers

1,615  
citations

394421

19  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1629  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation as bacterial inclusion bodies does not imply inactivation of enzymes and fluorescent proteins. <i>Microbial Cell Factories</i> , 2005, 4, 27.	4.0	266
2	Amyloid-like Properties of Bacterial Inclusion Bodies. <i>Journal of Molecular Biology</i> , 2005, 347, 1025-1037.	4.2	217
3	The conformational quality of insoluble recombinant proteins is enhanced at low growth temperatures. <i>Biotechnology and Bioengineering</i> , 2007, 96, 1101-1106.	3.3	189
4	Recombinant protein solubility“ does more mean better?. <i>Nature Biotechnology</i> , 2007, 25, 718-720.	17.5	119
5	Highly Efficient Protein Misfolding Cyclic Amplification. <i>PLoS Pathogens</i> , 2011, 7, e1001277.	4.7	93
6	Divergent Genetic Control of Protein Solubility and Conformational Quality in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 2007, 374, 195-205.	4.2	85
7	Peptide-mediated DNA condensation for non-viral gene therapy. <i>Biotechnology Advances</i> , 2009, 27, 432-438.	11.7	73
8	Learning about protein solubility from bacterial inclusion bodies. <i>Microbial Cell Factories</i> , 2009, 8, 4.	4.0	68
9	Relationship between Conformational Stability and Amplification Efficiency of Prions. <i>Biochemistry</i> , 2011, 50, 7933-7940.	2.5	52
10	Functions of galectins as “self/non-self”-recognition and effector factors. <i>Pathogens and Disease</i> , 2017, 75, .	2.0	52
11	The zebrafish galectins Drgal1-L2 and Drgal3-L1 bind in vitro to the infectious hematopoietic necrosis virus (IHNV) glycoprotein and reduce viral adhesion to fish epithelial cells. <i>Developmental and Comparative Immunology</i> , 2016, 55, 241-252.	2.3	47
12	Changes in prion replication environment cause prion strain mutation. <i>FASEB Journal</i> , 2013, 27, 3702-3710.	0.5	42
13	The chaperone DnaK controls the fractioning of functional protein between soluble and insoluble cell fractions in inclusion body-forming cells. <i>Microbial Cell Factories</i> , 2006, 5, 26.	4.0	38
14	The Functional Quality of Soluble Recombinant Polypeptides Produced in <i>Escherichia coli</i> Is Defined by a Wide Conformational Spectrum. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7431-7433.	3.1	37
15	Bacterial inclusion bodies are cytotoxic in vivo in absence of functional chaperones DnaK or GroEL. <i>Journal of Biotechnology</i> , 2005, 118, 406-412.	3.8	35
16	Lon and ClpP proteases participate in the physiological disintegration of bacterial inclusion bodies. <i>Journal of Biotechnology</i> , 2005, 119, 163-171.	3.8	31
17	In situ protein folding and activation in bacterial inclusion bodies. <i>Biotechnology and Bioengineering</i> , 2008, 100, 797-802.	3.3	29
18	Reversible off and on switching of prion infectivity via removing and reinstalling prion sialylation. <i>Scientific Reports</i> , 2016, 6, 33119.	3.3	27

#	ARTICLE	IF	CITATIONS
19	Amyloid-linked cellular toxicity triggered by bacterial inclusion bodies. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 637-642.	2.1	22
20	Prion replication environment defines the fate of prion strain adaptation. <i>PLoS Pathogens</i> , 2018, 14, e1007093.	4.7	19
21	Assessment of Strain-Specific PrPSc Elongation Rates Revealed a Transformation of PrPSc Properties during Protein Misfolding Cyclic Amplification. <i>PLoS ONE</i> , 2012, 7, e41210.	2.5	17
22	Inclusion bodies of fuculose-1-phosphate aldolase as stable and reusable biocatalysts. <i>Biotechnology Progress</i> , 2012, 28, 421-427.	2.6	17
23	Nanoparticulate architecture of protein-based artificial viruses is supported by protein-DNA interactions. <i>Nanomedicine</i> , 2011, 6, 1047-1061.	3.3	14
24	Analytical Approaches for Assessing Aggregation of Protein Biopharmaceuticals. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1530-1536.	1.6	13
25	Manipulating Galectin Expression in Zebrafish ( <i>Danio rerio</i> ). <i>Methods in Molecular Biology</i> , 2015, 1207, 327-341.	0.9	11
26	Comparative analysis of <i>E. coli</i> inclusion bodies and thermal protein aggregates. <i>Microbial Cell Factories</i> , 2006, 5, P16.	4.0	1
27	Systems-Level Analysis of Protein Quality in Inclusion Body-Forming <i>Escherichia coli</i> Cells. , 2009, , 295-326.		1
28	Cellular toxicity triggered by bacterial inclusion bodies. <i>Microbial Cell Factories</i> , 2006, 5, P9.	4.0	0
29	Manipulating Galectin Expression in ( <i>Danio rerio</i> ). <i>Methods in Molecular Biology</i> , 2022, 2442, 425-443.	0.9	0