

# Blagovesta Popova

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

5,316  
citations

687363

13  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

15055  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Systematic Comparison of the Effects of Alpha-synuclein Mutations on Its Oligomerization and Aggregation. <i>PLoS Genetics</i> , 2014, 10, e1004741.	3.5	168
3	Aggregate Clearance of $\hat{I}\pm$ -Synuclein in <i>Saccharomyces cerevisiae</i> Depends More on Autophagosome and Vacuole Function Than on the Proteasome. <i>Journal of Biological Chemistry</i> , 2012, 287, 27567-27579.	3.4	66
4	Interplay between Sumoylation and Phosphorylation for Protection against $\hat{I}\pm$ -Synuclein Inclusions. <i>Journal of Biological Chemistry</i> , 2014, 289, 31224-31240.	3.4	63
5	C-Terminal Tyrosine Residue Modifications Modulate the Protective Phosphorylation of Serine 129 of $\hat{I}\pm$ -Synuclein in a Yeast Model of Parkinson's Disease. <i>PLoS Genetics</i> , 2016, 12, e1006098.	3.5	49
6	<i>Verticillium dahliae</i> VdTHI4, involved in thiazole biosynthesis, stress response and DNA repair functions, is required for vascular disease induction in tomato. <i>Environmental and Experimental Botany</i> , 2014, 108, 14-22.	4.2	40
7	The trehalose protective mechanism during thermal stress in <i>Saccharomyces cerevisiae</i> : the roles of Ath1 and Agt1. <i>FEMS Yeast Research</i> , 2018, 18, .	2.3	37
8	Posttranslational Modifications and Clearing of $\hat{I}\pm$ -Synuclein Aggregates in Yeast. <i>Biomolecules</i> , 2015, 5, 617-634.	4.0	33
9	Yeast reveals similar molecular mechanisms underlying alpha- and beta-synuclein toxicity. <i>Human Molecular Genetics</i> , 2016, 25, 275-290.	2.9	29
10	DEAD-box RNA helicase Dbp4/DDX10 is an enhancer of $\hat{I}\pm$ -synuclein toxicity and oligomerization. <i>PLoS Genetics</i> , 2021, 17, e1009407.	3.5	19
11	RNA Interference and Antisense-Mediated Gene Silencing in <i>Dictyostelium</i> . , 2006, 346, 211-226.		18
12	Mutual Cross Talk between the Regulators Hac1 of the Unfolded Protein Response and Gcn4 of the General Amino Acid Control of <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2013, 12, 1142-1154.	3.4	17
13	Sem1 links proteasome stability and specificity to multicellular development. <i>PLoS Genetics</i> , 2018, 14, e1007141.	3.5	15
14	HelF, a putative RNA helicase acts as a nuclear suppressor of RNAi but not antisense mediated gene silencing. <i>Nucleic Acids Research</i> , 2006, 34, 773-784.	14.5	14
15	Sumoylation Protects Against $\hat{I}^2$ -Synuclein Toxicity in Yeast. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 94.	2.9	11
16	Antimicrobial propensity of ultrananocrystalline diamond films with embedded silver nanodroplets. <i>Diamond and Related Materials</i> , 2019, 93, 168-178.	3.9	10
17	Identification of Two Novel Peptides That Inhibit $\hat{I}\pm$ -Synuclein Toxicity and Aggregation. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 659926.	2.9	8
18	A Robust and Versatile Method of Combinatorial Chemical Synthesis of Gene Libraries via Hierarchical Assembly of Partially Randomized Modules. <i>PLoS ONE</i> , 2015, 10, e0136778.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Î±-Synuclein Decreases the Abundance of Proteasome Subunits and Alters Ubiquitin Conjugates in Yeast. <i>Cells</i> , 2021, 10, 2229.	4.1	5
20	Yeast-Based Screens to Target Alpha-Synuclein Toxicity. <i>Methods in Molecular Biology</i> , 2019, 1948, 145-156.	0.9	4
21	Dynamic and Reversible Aggregation of the Human CAP Superfamily Member GAPR-1 in Protein Inclusions in <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Biology</i> , 2021, 433, 167162.	4.2	2
22	Atomic Force Microscopy on RNA-Protein Complexes related to RNAi. , 0, 2005, .		0
23	Design of typical genes for heterologous gene expression. <i>Scientific Reports</i> , 2022, 12, .	3.3	0