

# Gergely RÃ³na

## List of Publications by Year in descending order

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31  
papers

901  
citations

566801

15  
h-index

552369

26  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Biology and Regulation of Protein Import into the Nucleus. <i>Journal of Molecular Biology</i> , 2016, 428, 2060-2090.	2.0	204
2	CRL4AMBRA1 is a master regulator of D-type cyclins. <i>Nature</i> , 2021, 592, 789-793.	13.7	78
3	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. <i>Nature</i> , 2021, 592, 799-803.	13.7	78
4	Cyclin F-Mediated Degradation of SLBP Limits H2A.X Accumulation and Apoptosis upon Genotoxic Stress in G2. <i>Molecular Cell</i> , 2016, 64, 507-519.	4.5	64
5	Uracil-Containing DNA in <i>Drosophila</i> : Stability, Stage-Specific Accumulation, and Developmental Involvement. <i>PLoS Genetics</i> , 2012, 8, e1002738.	1.5	63
6	Phosphorylation adjacent to the nuclear localization signal of human dUTPase abolishes nuclear import: structural and mechanistic insights. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2495-2505.	2.5	42
7	Silicon carbide quantum dots for bioimaging. <i>Journal of Materials Research</i> , 2013, 28, 205-209.	1.2	40
8	PARP1-dependent recruitment of the FBXL10-RNF68-RNF2 ubiquitin ligase to sites of DNA damage controls H2A.Z loading. <i>ELife</i> , 2018, 7, .	2.8	37
9	Highly potent dUTPase inhibition by a bacterial repressor protein reveals a novel mechanism for gene expression control. <i>Nucleic Acids Research</i> , 2014, 42, 11912-11920.	6.5	36
10	The NSP14/NSP10 RNA repair complex as a Pan-coronavirus therapeutic target. <i>Cell Death and Differentiation</i> , 2022, 29, 285-292.	5.0	32
11	Calcium-induced tripartite binding of intrinsically disordered calpastatin to its cognate enzyme, calpain. <i>FEBS Letters</i> , 2008, 582, 2149-2154.	1.3	29
12	Detection of uracil within DNA using a sensitive labeling method for <i>in vitro</i> and cellular applications. <i>Nucleic Acids Research</i> , 2016, 44, e28-e28.	6.5	29
13	ORF10-Cullin-2-ZYG11B complex is not required for SARS-CoV-2 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
14	Dynamics of re-constitution of the human nuclear proteome after cell division is regulated by NLS-adjacent phosphorylation. <i>Cell Cycle</i> , 2014, 13, 3551-3564.	1.3	23
15	Structure and enzymatic mechanism of a moonlighting dUTPase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2298-2308.	2.5	21
16	Identification of Extracellular Segments by Mass Spectrometry Improves Topology Prediction of Transmembrane Proteins. <i>Scientific Reports</i> , 2017, 7, 42610.	1.6	15
17	Molecular cloning and characterization of a thermostable esterase/lipase produced by a novel <i>Anoxybacillus flavithermus</i> strain. <i>Journal of General and Applied Microbiology</i> , 2013, 59, 119-134.	0.4	14
18	CRISPR/Cas9-Mediated Knock-Out of dUTPase in Mice Leads to Early Embryonic Lethality. <i>Biomolecules</i> , 2019, 9, 136.	1.8	13

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19	Genome-wide alterations of uracil distribution patterns in human DNA upon chemotherapeutic treatments. <i>ELife</i> , 2020, 9, .	2.8	13
20	Absence of the Tks4 Scaffold Protein Induces Epithelial-Mesenchymal Transition-Like Changes in Human Colon Cancer Cells. <i>Cells</i> , 2019, 8, 1343.	1.8	10
21	Calpain-Catalyzed Proteolysis of Human dUTPase Specifically Removes the Nuclear Localization Signal Peptide. <i>PLoS ONE</i> , 2011, 6, e19546.	1.1	8
22	Mixed ubiquitin chains regulate DNA repair. <i>Genes and Development</i> , 2019, 33, 1615-1616.	2.7	7
23	<scp>NLS</scp> copyâ€number variation governs efficiency of nuclear import â€“ case study on d<scp>UTP</scp>ases. <i>FEBS Journal</i> , 2014, 281, 5463-5478.	2.2	6
24	Crystallization and preliminary crystallographic analysis of dUTPase from the Î•11 helper phage of <i>Staphylococcus aureus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1411-1413.	0.7	4
25	Interaction between NSMCE4A and GPS1 links the SMC5/6 complex to the COP9 signalosome. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 36.	1.0	4
26	d<scp>UTP</scp>ase expression correlates with cell division potential in <i>DrosophilaÂmelanogaster</i>. <i>FEBS Journal</i> , 2015, 282, 1998-2013.	2.2	3
27	Laser Micro-Irradiation to Study DNA Recruitment During S Phase. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
28	Corrigendum to â€œCalcium-induced tripartite binding of intrinsically disordered calpastatin to its cognate enzyme, calpainâ€•[ <i>FEBS Lett.</i> 582 (2008) 2149-2154]. <i>FEBS Letters</i> , 2008, 582, 2816-2816.	1.3	0
29	Phosphorylation Dependent Nuclear Transport of Human DUTPase. <i>Biophysical Journal</i> , 2010, 98, 309a.	0.2	0
30	Factors influencing nucleo-cytoplasmic trafficking: which matter? Response to Alvisi & Jans' comment on Phosphorylation adjacent to the nuclear localization signal of human dUTPase abolishes nuclear import: structural and mechanistic insights. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2777-2778.	2.5	0
31	Structural analysis of Phi11 staphylococcal dUTPase. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, s354-s354.	0.3	0