

Maria GÃ³rna

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,536
citations

687363

13
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

2896
citing authors

#	ARTICLE	IF	CITATIONS
1	IFIT1 is an antiviral protein that recognizes 5â€²-triphosphate RNA. <i>Nature Immunology</i> , 2011, 12, 624-630.	14.5	422
2	Structural basis for viral 5â€²-PPP-RNA recognition by human IFIT proteins. <i>Nature</i> , 2013, 494, 60-64.	27.8	193
3	The Seed Region of a Small RNA Drives the Controlled Destruction of the Target mRNA by the Endoribonuclease RNase E. <i>Molecular Cell</i> , 2012, 47, 943-953.	9.7	192
4	FAM111A Mutations Result in Hypoparathyroidism and Impaired Skeletal Development. <i>American Journal of Human Genetics</i> , 2013, 92, 990-995.	6.2	114
5	Functional Dissection of the TBK1 Molecular Network. <i>PLoS ONE</i> , 2011, 6, e23971.	2.5	110
6	IFITs: Emerging Roles as Key Anti-Viral Proteins. <i>Frontiers in Immunology</i> , 2014, 5, 94.	4.8	105
7	From conformational chaos to robust regulation: the structure and function of the multi-enzyme RNA degradosome. <i>Quarterly Reviews of Biophysics</i> , 2012, 45, 105-145.	5.7	71
8	Reconstitution and Analysis of the Multienzyme <i>Escherichia coli</i> RNA Degradosome. <i>Journal of Molecular Biology</i> , 2008, 382, 870-883.	4.2	69
9	The regulatory protein RraA modulates RNA-binding and helicase activities of the <i>E. coli</i> RNA degradosome. <i>Rna</i> , 2010, 16, 553-562.	3.5	61
10	Mutations in <i>LONP1</i> , a mitochondrial matrix protease, cause CODAS syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 1501-1509.	1.2	61
11	The SH2 Domain Regulates <i>c-Abl</i> Kinase Activation by a Cyclin-Like Mechanism and Remodulation of the Hinge Motion. <i>PLoS Computational Biology</i> , 2014, 10, e1003863.	3.2	26
12	The PI3K pathway preserves metabolic health through MARCO-dependent lipid uptake by adipose tissue macrophages. <i>Nature Metabolism</i> , 2020, 2, 1427-1442.	11.9	24
13	Applications of Bacterial Degrons and Degradors â€” Toward Targeted Protein Degradation in Bacteria. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 669762.	3.5	22
14	<i>MMP13</i> mutations are the cause of recessive metaphyseal dysplasia, Spahr type. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 1175-1179.	1.2	14
15	Structural, Biochemical, and Evolutionary Characterizations of Glyoxylate/Hydroxypyruvate Reductases Show Their Division into Two Distinct Subfamilies. <i>Biochemistry</i> , 2018, 57, 963-977.	2.5	12
16	NDEL1-PDGFRB fusion gene in a myeloid malignancy with eosinophilia associated with resistance to tyrosine kinase inhibitors. <i>Leukemia</i> , 2017, 31, 237-240.	7.2	11
17	A Geometric Definition of Short to Medium Range Hydrogen-Mediated Interactions in Proteins. <i>Molecules</i> , 2020, 25, 5326.	3.8	10
18	Design and chance in the self-assembly of macromolecules. <i>Biochemical Society Transactions</i> , 2007, 35, 502-507.	3.4	7

#	ARTICLE	IF	CITATIONS
19	A simple model for the total number of SARS-CoV-2 infections on a national level. <i>Epidemiology and Infection</i> , 2021, 149, e80.	2.1	6
20	Self-analysis of repeat proteins reveals evolutionarily conserved patterns. <i>BMC Bioinformatics</i> , 2020, 21, 179.	2.6	5
21	The Repeating, Modular Architecture of the HtrA Proteases. <i>Biomolecules</i> , 2022, 12, 793.	4.0	1
22	Viral RNA binding by the human IFIT1-IFIT3 protein complex in the innate immune response.. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s250-s250.	0.1	0
23	Conservation and variability in hydrogen bonding in proteins. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e232-e232.	0.1	0