

# Caterina Alfano

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

726  
citations

623734

14  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural analysis of cooperative RNA binding by the La motif and central RRM domain of human La protein. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 323-329.	8.2	128
2	Clinical and pathogenic features of <i>ETV6</i> -related thrombocytopenia with predisposition to acute lymphoblastic leukemia. <i>Haematologica</i> , 2016, 101, 1333-1342.	3.5	92
3	Synergic interplay of the La motif, RRM1 and the interdomain linker of LARP6 in the recognition of collagen mRNA expands the RNA binding repertoire of the La module. <i>Nucleic Acids Research</i> , 2015, 43, 645-660.	14.5	68
4	RNA as a key factor in driving or preventing self-assembly of the TAR DNA-binding protein 43. <i>Journal of Molecular Biology</i> , 2019, 431, 1671-1688.	4.2	65
5	The Ball and Chain of Polyubiquitin Structures. <i>Trends in Biochemical Sciences</i> , 2016, 41, 371-385.	7.5	55
6	Thrombopoietin mutation in congenital amegakaryocytic thrombocytopenia treatable with <i>romiplostim</i> . <i>EMBO Molecular Medicine</i> , 2018, 10, 63-75.	6.9	47
7	The Wide World of Coacervates: From the Sea to Neurodegeneration. <i>Trends in Biochemical Sciences</i> , 2020, 45, 706-717.	7.5	43
8	An optimized strategy to measure protein stability highlights differences between cold and hot unfolded states. <i>Nature Communications</i> , 2017, 8, 15428.	12.8	38
9	The missing links to link ubiquitin: Methods for the enzymatic production of polyubiquitin chains. <i>Analytical Biochemistry</i> , 2016, 492, 82-90.	2.4	36
10	Recombinant mussel protein Pvfp-5 <sup>2</sup> : A potential tissue bioadhesive. <i>Journal of Biological Chemistry</i> , 2019, 294, 12826-12835.	3.4	23
11	The Swapping of Terminal Arms in Ribonucleases: A Comparison of the Solution Structure of Monomeric Bovine Seminal and Pancreatic Ribonucleases. <i>Biochemistry</i> , 2003, 42, 8704-8711.	2.5	22
12	A New Mutant of Bovine Seminal Ribonuclease with a Reversed Swapping Propensity. <i>Biochemistry</i> , 2007, 46, 2227-2232.	2.5	20
13	Solution Structure of the SGTA Dimerisation Domain and Investigation of Its Interactions with the Ubiquitin-Like Domains of BAG6 and UBL4A. <i>PLoS ONE</i> , 2014, 9, e113281.	2.5	18
14	Resonance assignment and secondary structure of an N-terminal fragment of the human La protein. <i>Journal of Biomolecular NMR</i> , 2003, 27, 93-94.	2.8	16
15	Quantifying the thermodynamics of protein unfolding using 2D NMR spectroscopy. <i>Communications Chemistry</i> , 2020, 3, 100.	4.5	15
16	Gray platelet syndrome: Novel mutations of the NBEAL2 gene. <i>American Journal of Hematology</i> , 2017, 92, E20-E22.	4.1	12
17	Structural and Functional Insights into <i>Bacillus subtilis</i> Sigma Factor Inhibitor, CsfB. <i>Structure</i> , 2018, 26, 640-648.e5.	3.3	12
18	Expression and Purification of ZASP Subdomains and Clinically Important Isoforms: High-Affinity Binding to G-Actin. <i>Biochemistry</i> , 2017, 56, 2061-2070.	2.5	7

#	ARTICLE	IF	CITATIONS
19	A novel RNA polymerase-binding protein that interacts with a sigma-factor docking site. <i>Molecular Microbiology</i> , 2017, 105, 652-662.	2.5	6
20	“Writing biochips”, high-resolution droplet-to-droplet manufacturing of analytical platforms. <i>Analyst</i> , The, 2022, 147, 1294-1312.	3.5	2
21	Investigation on a MMACHC mutant from cbLC disease: The c.394C>T variant. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2022, 1870, 140793.	2.3	1