

Bruno D Fonseca

List of Publications by Year in descending order

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19
papers

1,836
citations

567281

15
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

3195
citing authors

#	ARTICLE	IF	CITATIONS
1	mTORC1-Mediated Cell Proliferation, But Not Cell Growth, Controlled by the 4E-BPs. <i>Science</i> , 2010, 328, 1172-1176.	12.6	624
2	PRAS40 Is a Target for Mammalian Target of Rapamycin Complex 1 and Is Required for Signaling Downstream of This Complex*. <i>Journal of Biological Chemistry</i> , 2007, 282, 24514-24524.	3.4	212
3	La-related Protein 1 (LARP1) Represses Terminal Oligopyrimidine (TOP) mRNA Translation Downstream of mTOR Complex 1 (mTORC1). <i>Journal of Biological Chemistry</i> , 2015, 290, 15996-16020.	3.4	198
4	Structure-Activity Analysis of Niclosamide Reveals Potential Role for Cytoplasmic pH in Control of Mammalian Target of Rapamycin Complex 1 (mTORC1) Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 17530-17545.	3.4	141
5	La-related protein 1 (LARP1) binds the mRNA cap, blocking eIF4F assembly on TOP mRNAs. <i>ELife</i> , 2017, 6, .	6.0	136
6	The ever-evolving role of mTOR in translation. <i>Seminars in Cell and Developmental Biology</i> , 2014, 36, 102-112.	5.0	91
7	S6K-STING interaction regulates cytosolic DNA-mediated activation of the transcription factor IRF3. <i>Nature Immunology</i> , 2016, 17, 514-522.	14.5	67
8	The mTOR regulated RNA-binding protein LARP1 requires PABPC1 for guided mRNA interaction. <i>Nucleic Acids Research</i> , 2021, 49, 458-478.	14.5	66
9	LARP1 on TOP of ribosome production. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1480.	6.4	60
10	mTORC1 promotes TOP mRNA translation through site-specific phosphorylation of LARP1. <i>Nucleic Acids Research</i> , 2021, 49, 3461-3489.	14.5	47
11	Translation control during prolonged mTORC1 inhibition mediated by 4E-BP3. <i>Nature Communications</i> , 2016, 7, 11776.	12.8	37
12	The binding of PRAS40 to 14-3-3 proteins is not required for activation of mTORC1 signalling by phorbol esters/ERK. <i>Biochemical Journal</i> , 2008, 411, 141-149.	3.7	30
13	Analysis of the regulatory motifs in eukaryotic initiation factor 4E-binding protein 1. <i>FEBS Journal</i> , 2008, 275, 2185-2199.	4.7	28
14	The Protozoan Parasite <i>Toxoplasma gondii</i> Selectively Reprograms the Host Cell Translatome. <i>Infection and Immunity</i> , 2018, 86, .	2.2	22
15	Capturing the Mechanism Underlying TOP mRNA Binding to LARP1. <i>Structure</i> , 2019, 27, 1771-1781.e5.	3.3	20
16	The isolated La-module of LARP1 mediates 3'UTR poly(A) protection and mRNA stabilization, dependent on its intrinsic PAM2 binding to PABPC1. <i>RNA Biology</i> , 2021, 18, 275-289.	3.1	18
17	LARP1 and LARP4: up close with PABP for mRNA 3'UTR poly(A) protection and stabilization. <i>RNA Biology</i> , 2021, 18, 259-274.	3.1	16
18	Evolution of TOR and Translation Control. , 2016, , 327-411.		8

#	ARTICLE	IF	CITATIONS
19	The amino acid sensor GCN2 suppresses terminal oligopyrimidine (TOP) mRNA translation via La-related protein 1 (LARP1). <i>Journal of Biological Chemistry</i> , 2022, 298, 102277.	3.4	5