

Pilar Martin-Marcos

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

621
citations

1040056

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1474206

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10
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docs citations

10
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Changes Enable Start Codon Recognition by the Eukaryotic Translation Initiation Complex. <i>Cell</i> , 2014, 159, 597-607.	28.9	173
2	eIF1 Controls Multiple Steps in Start Codon Recognition during Eukaryotic Translation Initiation. <i>Journal of Molecular Biology</i> , 2009, 394, 268-285.	4.2	108
3	Functional Elements in Initiation Factors 1, 1A, and 2 ¹² Discriminate against Poor AUG Context and Non-AUG Start Codons. <i>Molecular and Cellular Biology</i> , 2011, 31, 4814-4831.	2.3	71
4	The C-Terminal Domain of Eukaryotic Initiation Factor 5 Promotes Start Codon Recognition by Its Dynamic Interplay with eIF1 and eIF2 ¹² . <i>Cell Reports</i> , 2012, 1, 689-702.	6.4	66
5	Molecular Landscape of the Ribosome Pre-initiation Complex during mRNA Scanning: Structural Role for eIF3c and Its Control by eIF5. <i>Cell Reports</i> , 2017, 18, 2651-2663.	6.4	54
6	¹² -Hairpin Loop of Eukaryotic Initiation Factor 1 (eIF1) Mediates 40 S Ribosome Binding to Regulate Initiator tRNA ^{Met} Recruitment and Accuracy of AUG Selection in Vivo. <i>Journal of Biological Chemistry</i> , 2013, 288, 27546-27562.	3.4	44
7	eIF1A residues implicated in cancer stabilize translation preinitiation complexes and favor suboptimal initiation sites in yeast. <i>ELife</i> , 2017, 6, .	6.0	39
8	Enhanced eIF1 binding to the 40S ribosome impedes conformational rearrangements of the preinitiation complex and elevates initiation accuracy. <i>Rna</i> , 2014, 20, 150-167.	3.5	36
9	Eukaryotic translation initiation factor eIF5 promotes the accuracy of start codon recognition by regulating Pi release and conformational transitions of the preinitiation complex. <i>Nucleic Acids Research</i> , 2014, 42, 9623-9640.	14.5	30