Greco HernÃ¡ndez

List of Publications by Year
in descending order

41 papers	1,203 citations	394421 19 h-index	395702 33 g-index
48 all docs	48 docs citations	48 times ranked	1815 citing authors

#	Article	IF	Citations
1	La-related Protein 1 (LARP1) Represses Terminal Oligopyrimidine (TOP) mRNA Translation Downstream of mTOR Complex 1 (mTORC1). Journal of Biological Chemistry, 2015, 290, 15996-16020.	3.4	198
2	Functional diversity of the eukaryotic translation initiation factors belonging to eIF4 families. Mechanisms of Development, 2005, 122, 865-876.	1.7	119
3	Functional analysis of seven genes encoding eight translation initiation factor 4E (eIF4E) isoforms in Drosophila. Mechanisms of Development, 2005, 122, 529-543.	1.7	97
4	Internal ribosome entry site drives cap-independent translation of reaper and heat shock protein 70 mRNAs in Drosophila embryos. Rna, 2004, 10, 1783-1797.	3.5	73
5	Conservation and Variability of the AUG Initiation Codon Context in Eukaryotes. Trends in Biochemical Sciences, 2019, 44, 1009-1021.	7.5	64
6	Origins and evolution of the mechanisms regulating translation initiation in eukaryotes. Trends in Biochemical Sciences, 2010, 35, 63-73.	7.5	57
7	MicroRNAs in Tumor Cell Metabolism: Roles and Therapeutic Opportunities. Frontiers in Oncology, 2019, 9, 1404.	2.8	53
8	Pharmacological and Genetic Evaluation of Proposed Roles of Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Kinase (MEK), Extracellular Signal-regulated Kinase (ERK), and p90RSK in the Control of mTORC1 Protein Signaling by Phorbol Esters. Journal of Biological Chemistry, 2011, 286, 27111-27122.	3.4	40
9	Was the initiation of translation in early eukaryotes IRES-driven?. Trends in Biochemical Sciences, 2008, 33, 58-64.	7.5	39
10	Luteolin inhibits Musashi1 binding to RNA and disrupts cancer phenotypes in glioblastoma cells. RNA Biology, 2018, 15, 1420-1432.	3.1	39
11	Eukaryotic initiation factor 4E-3 is essential for meiotic chromosome segregation, cytokinesis and male fertility in <i>Drosophila</i>. Development (Cambridge), 2012, 139, 3211-3220.	2.5	31
12	A ribosomal protein S5 isoform is essential for oogenesis and interacts with distinct RNAs in Drosophila melanogaster. Scientific Reports, 2019, 9, 13779.	3.3	31
13	The Diverse Roles of RNA-Binding Proteins in Glioma Development. Advances in Experimental Medicine and Biology, 2019, 1157, 29-39.	1.6	26
14	Translation initiation factor eIF-4E from Drosophila: cDNA sequence and expression of the gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1261, 427-431.	2.4	25
15	Antagonism between the RNA-binding protein Musashi1 and miR-137 and its potential impact on neurogenesis and glioblastoma development. Rna, 2019, 25, 768-782.	3.5	25
16	Isolation and characterization of the cDNA and the gene for eukaryotic translation initiation factor 4G from Drosophila melanogaster. FEBS Journal, 1998, 253, 27-35.	0.2	24
17	Two functionally redundant isoforms of Drosophila melanogaster eukaryotic initiation factor 4B are involved in cap-dependent translation, cell survival, and proliferation. FEBS Journal, 2004, 271, 2923-2936.	0.2	24
18	Mextli Is a Novel Eukaryotic Translation Initiation Factor 4E-Binding Protein That Promotes Translation in <i>Drosophila melanogaster</i>. Molecular and Cellular Biology, 2013, 33, 2854-2864.	2.3	23

#	Article	IF	Citations
19	Translation initiation in colorectal cancer. Cancer and Metastasis Reviews, 2012, 31, 387-395.	5.9	22
20	Autophagy Regulation by the Translation Machinery and Its Implications in Cancer. Frontiers in Oncology, 2020, 10, 322.	2.8	21
21	On the origin of the cap-dependent initiation of translation in eukaryotes. Trends in Biochemical Sciences, 2009, 34, 166-175.	7.5	19
22	Identification and characterization of the expression of the translation initiation factor 4A (eIF4A) fromDrosophila melanogaster. Proteomics, 2004, 4, 316-326.	2.2	17
23	On the Diversification of the Translation Apparatus across Eukaryotes. Comparative and Functional Genomics, 2012, 2012, 1-14.	2.0	16
24	A Novel Function of Pet54 in Regulation of Cox1 Synthesis in Saccharomyces cerevisiae Mitochondria. Journal of Biological Chemistry, 2016, 291, 9343-9355.	3.4	16
25	The Secret Life of Translation Initiation in Prostate Cancer. Frontiers in Genetics, 2019, 10, 14.	2.3	14
26	Unorthodox Mechanisms to Initiate Translation Open Novel Paths for Gene Expression. Journal of Molecular Biology, 2020, 432, 166702.	4.2	14
27	The Distribution of eIF4E-Family Members across Insecta. Comparative and Functional Genomics, 2012, 2012, 1-15.	2.0	13
28	Cap binding-independent recruitment of eIF4E to cytoplasmic foci. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1217-1224.	4.1	10
29	Evolution ofÂTOR and Translation Control. , 2016, , 327-411.		8
30	The versatile relationships between eIF4E and eIF4E-interacting proteins. Trends in Genetics, 2022, 38, 801-804.	6.7	8
31	High-risk human papillomavirus-18 uses an mRNA sequence to synthesize oncoprotein E6 in tumors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
32	Interplay between SERCA, 4E-BP, and eIF4E in the Drosophila heart. PLoS ONE, 2022, 17, e0267156.	2.5	6
33	Diverse cap-binding properties of Drosophila eIF4E isoforms. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 1292-1303.	2.3	4
34	Evolution of the Molecules Coupling mRNA Transport with Translational Control in Metazoans. , 2016, , 531-546.		4
35	New insights into the interactions of HPV-16 E6*I and E6*II with p53 isoforms and induction of apoptosis in cancer-derived cell lines. Pathology Research and Practice, 2022, 234, 153890.	2.3	4
36	Translational control in the naked mole-rat as a model highly resistant to cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1875, 188455.	7.4	3

#	Article	IF	Citations
37	Evolution of eIF4E-Interacting Proteins. , 2016, , 207-234.		3
38	Cbp80 is needed for the expression of piRNA components and piRNAs. PLoS ONE, 2017, 12, e0181743.	2.5	2
39	Translational Control across Eukaryotes. Comparative and Functional Genomics, 2012, 2012, 1-2.	2.0	0
40	On the Origin and Early Evolution of Translation in Eukaryotes. , 2016, , 81-107.		0
41	The naked translation in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1875, 188504.	7.4	0