Bertrand Cosson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8809328/publications.pdf

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27	1,947	471509	526287
papers	citations	17 h-index	27 g-index

33	33	33	2909
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Genome of the Sea Urchin Strongylocentrotus purpuratus. Science, 2006, 314, 941-952.	12.6	1,018
2	IRFinder: assessing the impact of intron retention on mammalian gene expression. Genome Biology, 2017, 18, 51.	8.8	203
3	Poly(A)-Binding Protein Acts in Translation Termination via Eukaryotic Release Factor 3 Interaction and Does Not Influence [PSI +] Propagation. Molecular and Cellular Biology, 2002, 22, 3301-3315.	2.3	130
4	CUG-BP1/CELF1 requires UGU-rich sequences for high-affinity binding. Biochemical Journal, 2006, 400, 291-301.	3.7	90
5	Poly(A)-binding protein and eRF3 are associated in vivo in human and Xenopus cells. Biology of the Cell, 2002, 94, 205-216.	2.0	53
6	The genomic repertoire for cell cycle control and DNA metabolism in S. purpuratus. Developmental Biology, 2006, 300, 238-251.	2.0	48
7	The translational repressor 4E-BP called to order by eIF4E: new structural insights by SAXS. Nucleic Acids Research, 2011, 39, 3496-3503.	14.5	42
8	Characterization of the poly(A) binding proteins expressed during oogenesis and early development of Xenopus laevis. Biology of the Cell, 2002, 94, 217-231.	2.0	35
9	Translational control genes in the sea urchin genome. Developmental Biology, 2006, 300, 293-307.	2.0	33
10	A Variant Mimicking Hyperphosphorylated 4E-BP Inhibits Protein Synthesis in a Sea Urchin Cell-Free, Cap-Dependent Translation System. PLoS ONE, 2009, 4, e5070.	2.5	31
11	Tracking a refined eIF4E-binding motif reveals Angel1 as a new partner of eIF4E. Nucleic Acids Research, 2013, 41, 7783-7792.	14.5	25
12	Oligomerization of EDEN-BP is required for specific mRNA deadenylation and binding. Biology of the Cell, 2006, 98, 653-665.	2.0	24
13	Novel orally active iron chelators (3-hydroxypyridin-4-ones) enhance the biliary excretion of plasma non-transferrin-bound iron in rats. Journal of Hepatology, 1997, 27, 176-184.	3.7	23
14	In Vivo Studies of Translational Repression Mediated by the Granulocyte-Macrophage Colony-stimulating Factor AU-rich Element. Journal of Biological Chemistry, 2004, 279, 13354-13362.	3.4	23
15	The ARE-associated factor AUF1 binds poly(A) in vitro in competition with PABP. Biochemical Journal, 2006, 400, 337-347.	3.7	22
16	Identification of a novel Xenopus laevis poly (A) binding protein. Biology of the Cell, 2004, 96, 519-519.	2.0	19
17	After fertilization of sea urchin eggs, eIF4G is post-translationally modified and associated with the cap-binding protein eIF4E. Journal of Cell Science, 2007, 120, 425-434.	2.0	19
18	A SUMO-dependent feedback loop senses and controls the biogenesis of nuclear pore subunits. Nature Communications, 2018, 9, 1665.	12.8	18

#	Article	IF	Citations
19	Dephosphorylation of eIF2Î± is essential for protein synthesis increase and cell cycle progression after sea urchin fertilization. Developmental Biology, 2012, 365, 303-309.	2.0	15
20	Integrated analyses of translatome and proteome identify the rules of translation selectivity in RPS14-deficient cells. Haematologica, 2021, 106, 746-758.	3.5	13
21	Conventional and unconventional interactions of the transcription factor FOXL2 uncovered by a proteomeâ€wide analysis. FASEB Journal, 2020, 34, 571-587.	0.5	11
22	The rotaviral NSP3 protein stimulates translation of polyadenylated target mRNAs independently of its RNA-binding domain. Biochemical and Biophysical Research Communications, 2009, 390, 302-306.	2.1	9
23	Folate-conjugated stealth archaeosomes for the targeted delivery of novel antitumoral peptides. RSC Advances, 2016, 6, 75234-75241.	3.6	9
24	Glucose treatment of human pancreatic Î²-cells enhances translation of mRNAs involved in energetics and insulin secretion. Journal of Biological Chemistry, 2021, 297, 100839.	3.4	6
25	Translational Control in Echinoderms: The Calm Before the Storm. , 2016, , 413-434.		5
26	Looking for nuclear translation using xenopus oocytes. Biology of the Cell, 2003, 95, 321-325.	2.0	3
27	Evolution of eIF4E-Interacting Proteins. , 2016, , 207-234.		3