

# Bertrand Cosson

## List of Publications by Year in descending order

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27  
papers

1,947  
citations

471509

17  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated analyses of translome and proteome identify the rules of translation selectivity in RPS14-deficient cells. <i>Haematologica</i> , 2021, 106, 746-758.	3.5	13
2	Glucose treatment of human pancreatic $\beta$ -cells enhances translation of mRNAs involved in energetics and insulin secretion. <i>Journal of Biological Chemistry</i> , 2021, 297, 100839.	3.4	6
3	Conventional and unconventional interactions of the transcription factor FOXL2 uncovered by a proteome-wide analysis. <i>FASEB Journal</i> , 2020, 34, 571-587.	0.5	11
4	A SUMO-dependent feedback loop senses and controls the biogenesis of nuclear pore subunits. <i>Nature Communications</i> , 2018, 9, 1665.	12.8	18
5	IRFinder: assessing the impact of intron retention on mammalian gene expression. <i>Genome Biology</i> , 2017, 18, 51.	8.8	203
6	Folate-conjugated stealth archaeosomes for the targeted delivery of novel antitumoral peptides. <i>RSC Advances</i> , 2016, 6, 75234-75241.	3.6	9
7	Translational Control in Echinoderms: The Calm Before the Storm. , 2016, , 413-434.		5
8	Evolution of eIF4E-Interacting Proteins. , 2016, , 207-234.		3
9	Tracking a refined eIF4E-binding motif reveals Angel1 as a new partner of eIF4E. <i>Nucleic Acids Research</i> , 2013, 41, 7783-7792.	14.5	25
10	Dephosphorylation of eIF2 $\gamma$ is essential for protein synthesis increase and cell cycle progression after sea urchin fertilization. <i>Developmental Biology</i> , 2012, 365, 303-309.	2.0	15
11	The translational repressor 4E-BP called to order by eIF4E: new structural insights by SAXS. <i>Nucleic Acids Research</i> , 2011, 39, 3496-3503.	14.5	42
12	A Variant Mimicking Hyperphosphorylated 4E-BP Inhibits Protein Synthesis in a Sea Urchin Cell-Free, Cap-Dependent Translation System. <i>PLoS ONE</i> , 2009, 4, e5070.	2.5	31
13	The rotaviral NSP3 protein stimulates translation of polyadenylated target mRNAs independently of its RNA-binding domain. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 302-306.	2.1	9
14	After fertilization of sea urchin eggs, eIF4G is post-translationally modified and associated with the cap-binding protein eIF4E. <i>Journal of Cell Science</i> , 2007, 120, 425-434.	2.0	19
15	The Genome of the Sea Urchin <i>Strongylocentrotus purpuratus</i> . <i>Science</i> , 2006, 314, 941-952.	12.6	1,018
16	Translational control genes in the sea urchin genome. <i>Developmental Biology</i> , 2006, 300, 293-307.	2.0	33
17	The genomic repertoire for cell cycle control and DNA metabolism in <i>S. purpuratus</i> . <i>Developmental Biology</i> , 2006, 300, 238-251.	2.0	48
18	The ARE-associated factor AUF1 binds poly(A) in vitro in competition with PABP. <i>Biochemical Journal</i> , 2006, 400, 337-347.	3.7	22

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19	CUG-BP1/CELF1 requires UGU-rich sequences for high-affinity binding. <i>Biochemical Journal</i> , 2006, 400, 291-301.	3.7	90
20	Oligomerization of EDEN-BP is required for specific mRNA deadenylation and binding. <i>Biology of the Cell</i> , 2006, 98, 653-665.	2.0	24
21	In Vivo Studies of Translational Repression Mediated by the Granulocyte-Macrophage Colony-stimulating Factor AU-rich Element. <i>Journal of Biological Chemistry</i> , 2004, 279, 13354-13362.	3.4	23
22	Identification of a novel <i>Xenopus laevis</i> poly (A) binding protein. <i>Biology of the Cell</i> , 2004, 96, 519-519.	2.0	19
23	Looking for nuclear translation using <i>xenopus</i> oocytes. <i>Biology of the Cell</i> , 2003, 95, 321-325.	2.0	3
24	Poly(A)-Binding Protein Acts in Translation Termination via Eukaryotic Release Factor 3 Interaction and Does Not Influence [ PSI + ] Propagation. <i>Molecular and Cellular Biology</i> , 2002, 22, 3301-3315.	2.3	130
25	Poly(A)-binding protein and eRF3 are associated in vivo in human and <i>Xenopus</i> cells. <i>Biology of the Cell</i> , 2002, 94, 205-216.	2.0	53
26	Characterization of the poly(A) binding proteins expressed during oogenesis and early development of <i>Xenopus laevis</i> . <i>Biology of the Cell</i> , 2002, 94, 217-231.	2.0	35
27	Novel orally active iron chelators (3-hydroxypyridin-4-ones) enhance the biliary excretion of plasma non-transferrin-bound iron in rats. <i>Journal of Hepatology</i> , 1997, 27, 176-184.	3.7	23