Laurent Volpon

List of Publications by Citations

19 papers	512 citations	12 h-index	19 g-index
19 ext. papers	651 ext. citations	7.2 avg, IF	3.59 L-index

#	Paper	IF	Citations
19	Cap-free structure of eIF4E suggests a basis for conformational regulation by its ligands. *EMBO Journal*, **2006**, 25, 5138-49	13	79
18	eIF4E3 acts as a tumor suppressor by utilizing an atypical mode of methyl-7-guanosine cap recognition. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 3877-82	11.5	62
17	Structural characterization of the Z RING-eIF4E complex reveals a distinct mode of control for eIF4E. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 5441-6	11.5	58
16	MNKs act as a regulatory switch for eIF4E1 and eIF4E3 driven mRNA translation in DLBCL. *Nature Communications*, **2014**, 5, 5413	17.4	55
15	A TFEB nuclear export signal integrates amino acid supply and glucose availability. *Nature Communications*, **2018**, 9, 2685	17.4	47
14	A biochemical framework for eIF4E-dependent mRNA export and nuclear recycling of the export machinery. *Rna*, **2017**, 23, 927-937	5.8	44
13	Importin 8 mediates m7G cap-sensitive nuclear import of the eukaryotic translation initiation factor eIF4E. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 5263-8	11.5	30
12	BRAF/MAPK and GSK3 signaling converges to control MITF nuclear export. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E8668-E8677	11.5	28
11	Structural studies of the eIF4E-VPg complex reveal a direct competition for capped RNA: Implications for translation. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 24056-24065	11.5	28
10	Conformational changes induced in the eukaryotic translation initiation factor eIF4E by a clinically relevant inhibitor, ribavirin triphosphate. *Biochemical and Biophysical Research Communications*, **2013**, 434, 614-9	3.4	25
9	NMR assignment of the arenaviral protein Z from Lassa fever virus. *Biomolecular NMR Assignments*, **2008**, 2, 81-4	0.7	13
8	Biochemical and Structural Insights into the Eukaryotic Translation Initiation Factor eIF4E. *Current Protein and Peptide Science*, **2019**, 20, 525-535	2.8	12
7	The diversity, plasticity, and adaptability of cap-dependent translation initiation and the associated machinery. *RNA Biology*, **2020**, 17, 1239-1251	4.8	11
6	Overcoming Drug Resistance through the Development of Selective Inhibitors of UDP-Glucuronosyltransferase Enzymes. *Journal of Molecular Biology*, **2019**, 431, 258-272	6.5	10
5	Identification and characterization of the interaction between the methyl-7-guanosine cap maturation enzyme RNMT and the cap-binding protein eIF4E.. *Journal of Molecular Biology*, **2022**, 167451	6.5	4
4	Chemical shift assignment of the viral protein genome-linked (VPg) from potato virus Y. *Biomolecular NMR Assignments*, **2019**, 13, 9-13	0.7	3
3	NMR assignment of human eukaryotic translation initiation factor 4E (eIF4E) in its cap-free form. *Journal of Biomolecular NMR*, **2006**, 36 Suppl 1, 65	3	2

List of Publications

2	Backbone assignment of the apo-form of the human C-terminal domain of UDP-glucuronosyltransferase 1A (UGT1A). *Biomolecular NMR Assignments*, **2018**, 12, 315-318	0.7	1
1	H, C and N chemical shift assignments of the C-terminal domain of human UDP-Glucuronosyltransferase 2B7 (UGT2B7-C). *Biomolecular NMR Assignments*, **2021**, 15, 323-328	0.7	0