

Laurent Volpon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Identification and characterization of the interaction between the methyl-7-guanosine cap maturation enzyme RNMT and the cap-binding protein eIF4E.. <i>Journal of Molecular Biology</i> , 2022 , 167451	6.5	4
18	H, C and N chemical shift assignments of the C-terminal domain of human UDP-Glucuronosyltransferase 2B7 (UGT2B7-C). <i>Biomolecular NMR Assignments</i> , 2021 , 15, 323-328	0.7	0
17	The diversity, plasticity, and adaptability of cap-dependent translation initiation and the associated machinery. <i>RNA Biology</i> , 2020 , 17, 1239-1251	4.8	11
16	Biochemical and Structural Insights into the Eukaryotic Translation Initiation Factor eIF4E. <i>Current Protein and Peptide Science</i> , 2019 , 20, 525-535	2.8	12
15	Structural studies of the eIF4E-VPg complex reveal a direct competition for capped RNA: Implications for translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24056-24065	11.5	28
14	Overcoming Drug Resistance through the Development of Selective Inhibitors of UDP-Glucuronosyltransferase Enzymes. <i>Journal of Molecular Biology</i> , 2019 , 431, 258-272	6.5	10
13	Chemical shift assignment of the viral protein genome-linked (VPg) from potato virus Y. <i>Biomolecular NMR Assignments</i> , 2019 , 13, 9-13	0.7	3
12	A TFEB nuclear export signal integrates amino acid supply and glucose availability. <i>Nature Communications</i> , 2018 , 9, 2685	17.4	47
11	BRAF/MAPK and GSK3 signaling converges to control MITF nuclear export. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8668-E8677	11.5	28
10	Backbone assignment of the apo-form of the human C-terminal domain of UDP-glucuronosyltransferase 1A (UGT1A). <i>Biomolecular NMR Assignments</i> , 2018 , 12, 315-318	0.7	1
9	A biochemical framework for eIF4E-dependent mRNA export and nuclear recycling of the export machinery. <i>Rna</i> , 2017 , 23, 927-937	5.8	44
8	Importin 8 mediates m7G cap-sensitive nuclear import of the eukaryotic translation initiation factor eIF4E. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5263-8	11.5	30
7	MNKs act as a regulatory switch for eIF4E1 and eIF4E3 driven mRNA translation in DLBCL. <i>Nature Communications</i> , 2014 , 5, 5413	17.4	55
6	Conformational changes induced in the eukaryotic translation initiation factor eIF4E by a clinically relevant inhibitor, ribavirin triphosphate. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 434, 614-9	3.4	25
5	eIF4E3 acts as a tumor suppressor by utilizing an atypical mode of methyl-7-guanosine cap recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3877-82	11.5	62
4	Structural characterization of the Z RING-eIF4E complex reveals a distinct mode of control for eIF4E. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5441-6	11.5	58
3	NMR assignment of the arenaviral protein Z from Lassa fever virus. <i>Biomolecular NMR Assignments</i> , 2008 , 2, 81-4	0.7	13

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| 2 | Cap-free structure of eIF4E suggests a basis for conformational regulation by its ligands. <i>EMBO Journal</i> , 2006 , 25, 5138-49 | 13 | 79 |
| 1 | NMR assignment of human eukaryotic translation initiation factor 4E (eIF4E) in its cap-free form. <i>Journal of Biomolecular NMR</i> , 2006 , 36 Suppl 1, 65 | 3 | 2 |