

Martin D Ryan

List of Publications by Citations

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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.

20
papers

1,802
citations

13
h-index

21
g-index

21
ext. papers

2,039
ext. citations

6.3
avg, IF

4.01
L-index

#	Paper	IF	Citations
20	Analysis of the aphthovirus 2A/2B polyprotein 'cleavage' mechanism indicates not a proteolytic reaction, but a novel translational effect: a putative ribosomal 'skip'. <i>Journal of General Virology</i> , 2001 , 82, 1013-1025	4.9	546
19	The 'cleavage' activities of foot-and-mouth disease virus 2A site-directed mutants and naturally occurring '2A-like' sequences. <i>Journal of General Virology</i> , 2001 , 82, 1027-1041	4.9	396
18	E unum pluribus: multiple proteins from a self-processing polyprotein. <i>Trends in Biotechnology</i> , 2006 , 24, 68-75	15.1	275
17	Site-specific release of nascent chains from ribosomes at a sense codon. <i>Molecular and Cellular Biology</i> , 2008 , 28, 4227-39	4.8	129
16	Occurrence, function and evolutionary origins of '2A-like' sequences in virus genomes. <i>Journal of General Virology</i> , 2008 , 89, 1036-1042	4.9	92
15	2A peptides provide distinct solutions to driving stop-carry on translational recoding. <i>Nucleic Acids Research</i> , 2012 , 40, 3143-51	20.1	82
14	Targeting of proteins derived from self-processing polyproteins containing multiple signal sequences. <i>Traffic</i> , 2004 , 5, 616-26	5.7	77
13	A Model for Nonstoichiometric, Cotranslational Protein Scission in Eukaryotic Ribosomes. <i>Bioorganic Chemistry</i> , 1999 , 27, 55-79	5.1	52
12	Foot-and-mouth disease virus replication sites form next to the nucleus and close to the Golgi apparatus, but exclude marker proteins associated with host membrane compartments. <i>Journal of General Virology</i> , 2005 , 86, 687-696	4.9	46
11	Dissection of a co-translational nascent chain separation event. <i>Biochemical Society Transactions</i> , 2008 , 36, 712-6	5.1	32
10	Ribosome 'skipping' 'Stop-Carry On' 'StopGo' Translation. <i>Nucleic Acids and Molecular Biology</i> , 2010 , 101-121		17
9	'2A-Like' Signal Sequences Mediating Translational Recoding: A Novel Form of Dual Protein Targeting. <i>Traffic</i> , 2016 , 17, 923-39	5.7	14
8	Inhibition of the foot-and-mouth disease virus subgenomic replicon by RNA aptamers. <i>Journal of General Virology</i> , 2014 , 95, 2649-2657	4.9	13
7	Using the 2A Protein Coexpression System: Multicistronic 2A Vectors Expressing Gene(s) of Interest and Reporter Proteins. <i>Methods in Molecular Biology</i> , 2018 , 1755, 31-48	1.4	10
6	The protein coexpression problem in biotechnology and biomedicine: virus 2A and 2A-like sequences provide a solution. <i>Future Virology</i> , 2013 , 8, 983-996	2.4	8
5	"Therapeutic applications of the 'NPGP' family of viral 2As". <i>Reviews in Medical Virology</i> , 2018 , 28, e200111.7		6
4	The Aphtho- and Cardiovirus 'Primary' 2A/2B Polyprotein 'Cleavage' 2014 , 213-223		4

- 3 A transgenic line that reports CSF1R protein expression provides a definitive marker for the mouse mononuclear phagocyte system 1
- 2 Insights into Gastrointestinal Virome: Etiology and Public Exposure. *Water (Switzerland)*, **2021**, 13, 2794 3 1
- 1 Translation of Viral Proteins **2021**, 444-459