

# Martin D Ryan

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

2,149  
citations

759233

12  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the aphthovirus 2A/2B polyprotein $\alpha$ -cleavage <sup>TM</sup> mechanism indicates not a proteolytic reaction, but a novel translational effect: a putative ribosomal $\alpha$ -skip <sup>TM</sup> . Journal of General Virology, 2001, 82, 1013-1025.	2.9	662
2	The $\alpha$ -cleavage <sup>TM</sup> activities of foot-and-mouth disease virus 2A site-directed mutants and naturally occurring $\alpha$ -2A-like <sup>TM</sup> sequences. Journal of General Virology, 2001, 82, 1027-1041.	2.9	467
3	Cleavage of foot-and-mouth disease virus polyprotein is mediated by residues located within a 19 amino acid sequence. Journal of General Virology, 1991, 72, 2727-2732.	2.9	422
4	RNA virus attenuation by codon pair deoptimisation is an artefact of increases in CpG/UpA dinucleotide frequencies. ELife, 2014, 3, e04531.	6.0	148
5	Occurrence, function and evolutionary origins of $\alpha$ -2A-like <sup>TM</sup> sequences in virus genomes. Journal of General Virology, 2008, 89, 1036-1042.	2.9	118
6	Enabling technologies for manipulating multiple genes on complex pathways. Plant Molecular Biology, 2001, 47, 295-310.	3.9	66
7	A Transgenic Line That Reports CSF1R Protein Expression Provides a Definitive Marker for the Mouse Mononuclear Phagocyte System. Journal of Immunology, 2020, 205, 3154-3166.	0.8	59
8	Expression of heterologous genes in oncolytic adenoviruses using picornaviral 2A sequences that trigger ribosome skipping. Journal of General Virology, 2008, 89, 389-396.	2.9	51
9	2A to the Fore $\alpha$ Research, Technology and Applications. Biotechnology and Genetic Engineering Reviews, 2009, 26, 223-260.	6.2	44
10	FMDV replicons encoding green fluorescent protein are replication competent. Journal of Virological Methods, 2014, 209, 35-40.	2.1	31
11	Attenuation of dengue (and other RNA viruses) with codon pair recoding can be explained by increased CpG/UpA dinucleotide frequencies. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3633-4.	7.1	26
12	A novel cleavage site within the potato leafroll virus P1 polyprotein. Journal of General Virology, 2007, 88, 1620-1623.	2.9	13
13	$\alpha$ -Therapeutic applications of the $\alpha$ -NPGP <sup>TM</sup> family of viral 2As $\alpha$ . Reviews in Medical Virology, 2018, 28, e2001.	8.3	13
14	Using the 2A Protein Coexpression System: Multicistronic 2A Vectors Expressing Gene(s) of Interest and Reporter Proteins. Methods in Molecular Biology, 2018, 1755, 31-48.	0.9	11
15	The Aphtho- and Cardiovirus $\alpha$ -Primary $\alpha$ -2A/2B Polyprotein $\alpha$ -Cleavage $\alpha$ , 2014, , 213-223.		6
16	Expression and immunogenicity of secreted forms of bovine ephemeral fever virus glycoproteins applied to subunit vaccine development. Journal of Applied Microbiology, 2021, 131, 1123-1135.	3.1	4
17	Mutagenesis Mapping of RNA Structures within the Foot-and-Mouth Disease Virus Genome Reveals Functional Elements Localized in the Polymerase (3D <sup>pol</sup> )-Encoding Region. MSphere, 2021, 6, e0001521.	2.9	3