

# David J Barton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3349228/publications.pdf>

Version: 2024-02-01

10  
papers

214  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

294  
citing authors

#	ARTICLE	IF	CITATIONS
1	RNase L Targets Distinct Sites in Influenza A Virus RNAs. <i>Journal of Virology</i> , 2015, 89, 2764-2776.	3.4	49
2	Poliovirus Polymerase Leu420 Facilitates RNA Recombination and Ribavirin Resistance. <i>Journal of Virology</i> , 2016, 90, 8410-8421.	3.4	37
3	A Template RNA Entry Channel in the Fingers Domain of the Poliovirus Polymerase. <i>Journal of Molecular Biology</i> , 2012, 417, 263-278.	4.2	28
4	Poliovirus Polymerase Residue 5 Plays a Critical Role in Elongation Complex Stability. <i>Journal of Virology</i> , 2010, 84, 8072-8084.	3.4	24
5	Picornavirus RNA Recombination Counteracts Error Catastrophe. <i>Journal of Virology</i> , 2019, 93, .	3.4	19
6	Poliovirus <i>cis</i> -Acting Replication Element-Dependent VPg Uridylylation Lowers the <i>K<sub>m</sub></i> of the Initiating Nucleoside Triphosphate for Viral RNA Replication. <i>Journal of Virology</i> , 2008, 82, 9400-9408.	3.4	17
7	Structural Features of a Picornavirus Polymerase Involved in the Polyadenylation of Viral RNA. <i>Journal of Virology</i> , 2013, 87, 5629-5644.	3.4	17
8	Picornavirus RNA polyadenylation by 3Dpol, the viral RNA-dependent RNA polymerase. <i>Virus Research</i> , 2015, 206, 3-11.	2.2	17
9	Picornaviral polymerase domain exchanges reveal a modular basis for distinct biochemical activities of viral RNA-dependent RNA polymerases. <i>Journal of Biological Chemistry</i> , 2020, 295, 10624-10637.	3.4	4
10	An Extended Primer Grip of Picornavirus Polymerase Facilitates Sexual RNA Replication Mechanisms. <i>Journal of Virology</i> , 2020, 94, .	3.4	2