# David Paul

## List of Publications by Citations



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|---|---|---|---|
| 23 papers | 1,639 citations | 17 h-index | 24 g-index |
| 24 ext. papers | 2,053 ext. citations | 8.8 avg, IF | 5.14 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 23 | Architecture and biogenesis of plus-strand RNA virus replication factories. *World Journal of Virology*, **2013**, 2, 32-48 | 6.9 | 189 |
| 22 | Morphological and biochemical characterization of the membranous hepatitis C virus replication compartment. *Journal of Virology*, **2013**, 87, 10612-27 | 6.6 | 185 |
| 21 | Hepatitis C virus RNA replication and assembly: living on the fat of the land. *Cell Host and Microbe*, **2014**, 16, 569-79 | 23.4 | 184 |
| 20 | SARS-CoV-2 Infects the Brain Choroid Plexus and Disrupts the Blood-CSF Barrier in Human Brain Organoids. *Cell Stem Cell*, **2020**, 27, 951-961.e5 | 18 | 171 |
| 19 | Furin cleavage of SARS-CoV-2 Spike promotes but is not essential for infection and cell-cell fusion. *PLoS Pathogens*, **2021**, 17, e1009246 | 7.6 | 135 |
| 18 | Daclatasvir-like inhibitors of NS5A block early biogenesis of hepatitis C virus-induced membranous replication factories, independent of RNA replication. *Gastroenterology*, **2014**, 147, 1094-105.e25 | 13.3 | 122 |
| 17 | Flaviviridae Replication Organelles: Oh, What a Tangled Web We Weave. *Annual Review of Virology*, **2015**, 2, 289-310 | 14.6 | 112 |
| 16 | NS4B self-interaction through conserved C-terminal elements is required for the establishment of functional hepatitis C virus replication complexes. *Journal of Virology*, **2011**, 85, 6963-76 | 6.6 | 96 |
| 15 | Characterization of the mode of action of a potent dengue virus capsid inhibitor. *Journal of Virology*, **2014**, 88, 11540-55 | 6.6 | 69 |
| 14 | NS5A Domain 1 and Polyprotein Cleavage Kinetics Are Critical for Induction of Double-Membrane Vesicles Associated with Hepatitis C Virus Replication. *MBio*, **2015**, 6, e00759 | 7.8 | 60 |
| 13 | Inhibition of HCV replication by cyclophilin antagonists is linked to replication fitness and occurs by inhibition of membranous web formation. *Gastroenterology*, **2014**, 146, 1361-72.e1-9 | 13.3 | 58 |
| 12 | Hepatitis C Virus Replication Depends on Endosomal Cholesterol Homeostasis. *Journal of Virology*, **2018**, 92, | 6.6 | 52 |
| 11 | Cultural competence in medical education: aligning the formal, informal and hidden curricula. *Advances in Health Sciences Education*, **2014**, 19, 751-8 | 3.7 | 51 |
| 10 | Aminoterminal amphipathic α-helix AH1 of hepatitis C virus nonstructural protein 4B possesses a dual role in RNA replication and virus production. *PLoS Pathogens*, **2014**, 10, e1004501 | 7.6 | 43 |
| 9 | Making a difference: the early impact of an Aboriginal health undergraduate medical curriculum. *Medical Journal of Australia*, **2006**, 184, 522-5 | 4 | 39 |
| 8 | Cell-free expression, purification, and membrane reconstitution for NMR studies of the nonstructural protein 4B from hepatitis C virus. *Journal of Biomolecular NMR*, **2016**, 65, 87-98 | 3 | 20 |
| 7 | Wheat germ cell-free expression: Two detergents with a low critical micelle concentration allow for production of soluble HCV membrane proteins. *Protein Expression and Purification*, **2015**, 105, 39-46 | 2 | 18 |

# List of Publications

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|---|---|---|---|
| 6 | Functional expression, purification, characterization, and membrane reconstitution of non-structural protein 2 from hepatitis C virus. *Protein Expression and Purification*, **2015**, 116, 1-6 | 2 | 14 |
| 5 | Glycine Zipper Motifs in Hepatitis C Virus Nonstructural Protein 4B Are Required for the Establishment of Viral Replication Organelles. *Journal of Virology*, **2018**, 92, | 6.6 | 11 |
| 4 | The predominant species of nonstructural protein 4B in hepatitis C virus-replicating cells is not palmitoylated. *Journal of General Virology*, **2015**, 96, 1696-701 | 4.9 | 5 |
| 3 | A sensor at the lipid-protein interface: lipid peroxidation controls hepatitis C virus replication. *Hepatology*, **2015**, 61, 1083-5 | 11.2 | 2 |
| 2 | Hepatitis C virus's next top models?. *Nature Microbiology*, **2016**, 1, 15018 | 26.6 | 2 |
| 1 | Convergent use of phosphatidic acid for hepatitis C virus and SARS-CoV-2 replication organelle formation.. *Nature Communications*, **2021**, 12, 7276 | 17.4 | 1 |