

# Benes L Trus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3665813/publications.pdf>

Version: 2024-02-01

8  
papers

463  
citations

1163117

8  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

482  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Acquisition of functions on the outer capsid surface during evolution of double-stranded RNA fungal viruses. <i>PLoS Pathogens</i> , 2017, 13, e1006755.   | 4.7 | 26        |
| 2 | Heterodimers as the Structural Unit of the T=1 Capsid of the Fungal Double-Stranded RNA <i>Rosellinia necatrix</i> Quadrivirus 1. <i>Journal of Virology</i> , 2016, 90, 11220-11230.  | 3.4 | 17        |
| 3 | Cryo-EM near-atomic structure of a dsRNA fungal virus shows ancient structural motifs preserved in the dsRNA viral lineage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7641-7646. | 7.1 | 32        |
| 4 | <i>Cryphonectria nitschkei</i> Virus 1 Structure Shows that the Capsid Protein of Chrysovirus Is a Duplicated Helix-Rich Fold Conserved in Fungal Double-Stranded RNA Viruses. <i>Journal of Virology</i> , 2012, 86, 8314-8318.           | 3.4 | 19        |
| 5 | The T=1 Capsid Protein of <i>Penicillium chrysogenum</i> Virus Is Formed by a Repeated Helix-Rich Core Indicative of Gene Duplication. <i>Journal of Virology</i> , 2010, 84, 7256-7266.   | 3.4 | 39        |
| 6 | Structural Polymorphism of the Major Capsid Protein of a Double-Stranded RNA Virus: An Amphipathic $\alpha$ Helix as a Molecular Switch. <i>Structure</i> , 2005, 13, 1007-1017.   | 3.3 | 63        |
| 7 | Virus maturation: dynamics and mechanism of a stabilizing structural transition that leads to infectivity. <i>Current Opinion in Structural Biology</i> , 2005, 15, 227-236.   | 5.7 | 160       |
| 8 | Structure of L-A Virus: A Specialized Compartment for the Transcription and Replication of Double-stranded RNA. <i>Journal of Cell Biology</i> , 1997, 138, 975-985.   | 5.2 | 107       |