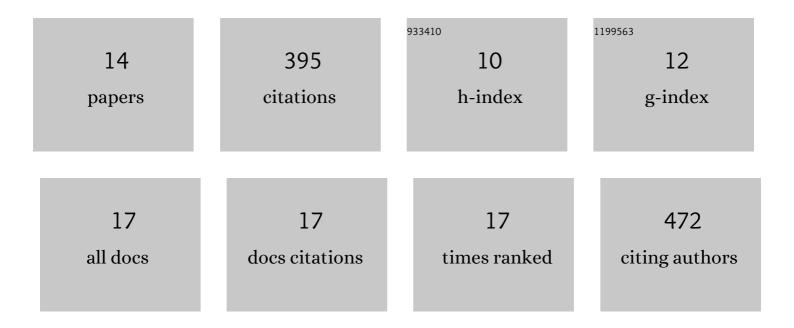
Nikesh Patel

List of Publications by Year in descending order

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Νικέςη Φλτει

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dysregulation of Hepatitis B Virus Nucleocapsid Assembly in vitro by RNA-binding Small Ligands. Journal of Molecular Biology, 2022, 434, 167557. | 4.2 | 6 |
| 2 | Dataset of high-throughput ligand screening against the RNA Packaging Signals regulating Hepatitis B Virus nucleocapsid formation. Data in Brief, 2022, 42, 108206. | 1.0 | 0 |
| 3 | Evolution of a virus-like architecture and packaging mechanism in a repurposed bacterial protein. Science, 2021, 372, 1220-1224. | 12.6 | 53 |
| 4 | An Intracellular Model of Hepatitis B Viral Infection: An In Silico Platform for Comparing Therapeutic Strategies. Viruses, 2021, 13, 11. | 3.3 | 13 |
| 5 | In vitro functional analysis of gRNA sites regulating assembly of hepatitis B virus. Communications Biology, 2021, 4, 1407. | 4.4 | 6 |
| 6 | Viral Genome Conformations and Contacts across Different Lifecycle Stages. Proceedings (mdpi), 2020, 50, . | 0.2 | 0 |
| 7 | HBV RNA pre-genome encodes specific motifs that mediate interactions with the viral core protein that promote nucleocapsid assembly. Nature Microbiology, 2017, 2, 17098. | 13.3 | 69 |
| 8 | Rewriting nature's assembly manual for a ssRNA virus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12255-12260. | 7.1 | 47 |
| 9 | Bacteriophage MS2 genomic RNA encodes an assembly instruction manual for its capsid. Bacteriophage, 2016, 6, e1157666. | 1.9 | 38 |
| 10 | Revealing the density of encoded functions in a viral RNA. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2227-2232. | 7.1 | 64 |
| 11 | Observation of unpaired substrate DNA in the flap endonuclease-1 active site. Nucleic Acids Research, 2013, 41, 9839-9847. | 14.5 | 33 |
| 12 | Proline Scanning Mutagenesis Reveals a Role for the Flap Endonuclease-1 Helical Cap in Substrate Unpairing. Journal of Biological Chemistry, 2013, 288, 34239-34248. | 3.4 | 12 |
| 13 | Flap endonucleases pass 5â€2-flaps through a flexible arch using a disorder-thread-order mechanism to confer specificity for free 5â€2-ends. Nucleic Acids Research, 2012, 40, 4507-4519. | 14.5 | 42 |
| 14 | Interstrand disulfide crosslinking of DNA bases supports a double nucleotide unpairing mechanism for flap endonucleases. Chemical Communications, 2012, 48, 8895. | 4.1 | 10 |