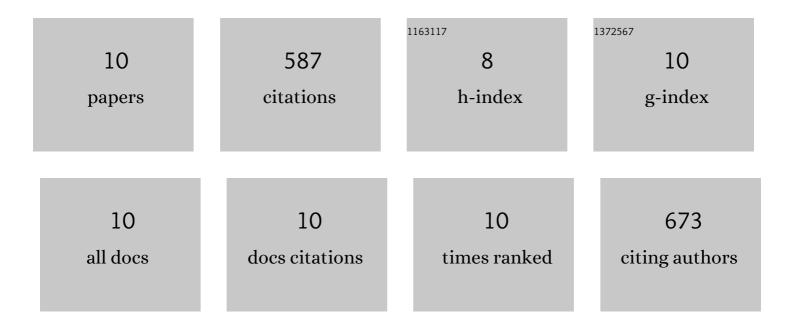
## Shankar Shastry

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11235470/publications.pdf Version: 2024-02-01



| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Neck Linker Length Determines the Degree of Processivity in Kinesin-1 and Kinesin-2 Motors. Current<br>Biology, 2010, 20, 939-943.   | 3.9  | 110       |
| 2  | Interhead tension determines processivity across diverse N-terminal kinesins. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16253-16258. | 7.1  | 88        |
| 3  | Transport by Populations of Fast and Slow Kinesins Uncovers Novel Family-Dependent Motor<br>Characteristics Important for InÂVivo Function. Biophysical Journal, 2014, 107, 1896-1904. | 0.5  | 83        |
| 4  | The Mechanochemical Cycle of Mammalian Kinesin-2 KIF3A/B under Load. Current Biology, 2015, 25, 1166-1175.   | 3.9  | 75        |
| 5  | The Processivity of Kinesin-2 Motors Suggests Diminished Front-Head Gating. Current Biology, 2009, 19, 442-447.  | 3.9  | 67        |
| 6  | Hsp40s Specify Functions of Hsp104 and Hsp90 Protein Chaperone Machines. PLoS Genetics, 2014, 10, e1004720.  | 3.5  | 62        |
| 7  | Interplay between E. coli DnaK, ClpB and GrpE during Protein Disaggregation. Journal of Molecular<br>Biology, 2015, 427, 312-327.  | 4.2  | 55        |
| 8  | Engineered kinesin motor proteins amenable to small-molecule inhibition. Nature Communications, 2016, 7, 11159.  | 12.8 | 28        |
| 9  | Direct observation of nucleic acid binding dynamics by the telomerase essential N-terminal domain.<br>Nucleic Acids Research, 2018, 46, 3088-3102.                                     | 14.5 | 10        |
| 10 | Estimating Velocity for Processive Motor Proteins with Random Detachment. Journal of Agricultural,<br>Biological, and Environmental Statistics, 2013, 18, 204-217.                     | 1.4  | 9         |