

# Arvind Kannan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10699003/publications.pdf>

Version: 2024-02-01

5  
papers

1,108  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

1315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Olefin Cyclopropanation via Carbene Transfer Catalyzed by Engineered Cytochrome P450 Enzymes. <i>Science</i> , 2013, 339, 307-310.	12.6	678
2	A serine-substituted P450 catalyzes highly efficient carbene transfer to olefins in vivo. <i>Nature Chemical Biology</i> , 2013, 9, 485-487.	8.0	297
3	High-throughput analysis and protein engineering using microcapillary arrays. <i>Nature Chemical Biology</i> , 2016, 12, 76-81.	8.0	95
4	A Conformational Ensemble Derived Using NMR Methyl Chemical Shifts Reveals a Mechanical Clamping Transition That Gates the Binding of the HU Protein to DNA. <i>Journal of the American Chemical Society</i> , 2014, 136, 2204-2207.	13.7	20
5	Mapping the Protein Fold Universe Using the CamTube Force Field in Molecular Dynamics Simulations. <i>PLoS Computational Biology</i> , 2015, 11, e1004435.	3.2	17