

Srivatsan Raman

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8359353/srivatsan-raman-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

729
citations

11
h-index

23
g-index

23
ext. papers

969
ext. citations

11.2
avg, IF

4.36
L-index

#	Paper	IF	Citations
17	Computation-guided optimization of split protein systems. <i>Nature Chemical Biology</i> , 2021 , 17, 531-539	11.7	13
16	Mapping the functional landscape of the receptor binding domain of T7 bacteriophage by deep mutational scanning. <i>ELife</i> , 2021 , 10,	8.9	2
15	Virus-associated organosulfur metabolism in human and environmental systems. <i>Cell Reports</i> , 2021 , 36, 109471	10.6	5
14	Epistasis shapes the fitness landscape of an allosteric specificity switch. <i>Nature Communications</i> , 2021 , 12, 5562	17.4	3
13	Functional plasticity and evolutionary adaptation of allosteric regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25445-25454	11.5	30
12	Engineered bacteriophages as programmable biocontrol agents. <i>Current Opinion in Biotechnology</i> , 2020 , 61, 116-121	11.4	22
11	Design of a Transcriptional Biosensor for the Portable, On-Demand Detection of Cyanuric Acid. <i>ACS Synthetic Biology</i> , 2020 , 9, 84-94	5.7	23
10	De novo design of programmable inducible promoters. <i>Nucleic Acids Research</i> , 2019 , 47, 10452-10463	20.1	12
9	A Regulatory NADH/NAD ⁺ Redox Biosensor for Bacteria. <i>ACS Synthetic Biology</i> , 2019 , 8, 264-273	5.7	18
8	Systems Approaches to Understanding and Designing Allosteric Proteins. <i>Biochemistry</i> , 2018 , 57, 376-383	3.2	11
7	Engineering an allosteric transcription factor to respond to new ligands. <i>Nature Methods</i> , 2016 , 13, 177-81	16	184
6	Synthetic biosensors for precise gene control and real-time monitoring of metabolites. <i>Nucleic Acids Research</i> , 2015 , 43, 7648-60	20.1	151
5	Engineering allostery. <i>Trends in Genetics</i> , 2014 , 30, 521-8	8.5	50
4	Evolution-guided optimization of biosynthetic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17803-8	11.5	197
3	Design of a transcriptional biosensor for the portable, on-demand detection of cyanuric acid		2
2	Computation-guided optimization of split protein systems		4
1	Virus-associated organosulfur metabolism in human and environmental systems		2

