

Srivatsan Raman

List of Publications by Citations

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Version: 2024-04-20

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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	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
16	Engineering an allosteric transcription factor to respond to new ligands. <i>Nature Methods</i> , 2016 , 13, 177-83	11.6	184
15	Synthetic biosensors for precise gene control and real-time monitoring of metabolites. <i>Nucleic Acids Research</i> , 2015 , 43, 7648-60	20.1	151
14	Engineering allostery. <i>Trends in Genetics</i> , 2014 , 30, 521-8	8.5	50
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	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
11	Engineered bacteriophages as programmable biocontrol agents. <i>Current Opinion in Biotechnology</i> , 2020 , 61, 116-121	11.4	22
10	A Regulatory NADH/NAD ⁺ Redox Biosensor for Bacteria. <i>ACS Synthetic Biology</i> , 2019 , 8, 264-273	5.7	18
9	Computation-guided optimization of split protein systems. <i>Nature Chemical Biology</i> , 2021 , 17, 531-539	11.7	13
8	De novo design of programmable inducible promoters. <i>Nucleic Acids Research</i> , 2019 , 47, 10452-10463	20.1	12
7	Systems Approaches to Understanding and Designing Allosteric Proteins. <i>Biochemistry</i> , 2018 , 57, 376-383	11.2	11
6	Virus-associated organosulfur metabolism in human and environmental systems. <i>Cell Reports</i> , 2021 , 36, 109471	10.6	5
5	Computation-guided optimization of split protein systems		4
4	Epistasis shapes the fitness landscape of an allosteric specificity switch. <i>Nature Communications</i> , 2021 , 12, 5562	17.4	3
3	Design of a transcriptional biosensor for the portable, on-demand detection of cyanuric acid		2
2	Virus-associated organosulfur metabolism in human and environmental systems		2
1	Mapping the functional landscape of the receptor binding domain of T7 bacteriophage by deep mutational scanning. <i>ELife</i> , 2021 , 10,	8.9	2

