

# Sridhar Ranganathan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7437212/publications.pdf>

Version: 2024-02-01

10  
papers

1,086  
citations

1162367

8  
h-index

1588620

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical optimization applications in metabolic networks. <i>Metabolic Engineering</i> , 2012, 14, 672-686.	3.6	123
2	An integrated computational and experimental study for overproducing fatty acids in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2012, 14, 687-704.	3.6	102
3	Genome-scale metabolic network modeling results in minimal interventions that cooperatively force carbon flux towards malonyl-CoA. <i>Metabolic Engineering</i> , 2011, 13, 578-587.	3.6	300
4	An integrated computational and experimental study to increase the intra-cellular malonyl-CoA: Application to flavanone synthesis. , 2011, , .		1
5	Microbial 1-butanol production: Identification of non-native production routes and <i>in silico</i> engineering interventions. <i>Biotechnology Journal</i> , 2010, 5, 716-725.	1.8	41
6	OptForce: An Optimization Procedure for Identifying All Genetic Manipulations Leading to Targeted Overproductions. <i>PLoS Computational Biology</i> , 2010, 6, e1000744.	1.5	346
7	Using Systems Engineering to Reconstruct, Analyze and Redesign Metabolism. <i>Computer Aided Chemical Engineering</i> , 2009, , 113-115.	0.3	0
8	A simultaneous solution for flow and fiber orientation in axisymmetric diverging radial flow. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1993, 47, 107-136.	1.0	53
9	Fiber-fiber interactions in homogeneous flows of nondilute suspensions. <i>Journal of Rheology</i> , 1991, 35, 1499-1522.	1.3	87
10	Characterization of orientation clustering in short-fiber composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1990, 28, 2651-2672.	2.4	33