

# Kareenhalli V Venkatesh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10560133/publications.pdf>

Version: 2024-02-01

8  
papers

74  
citations

1684188  
5  
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1588992  
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g-index

8  
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docs citations

8  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing Antibacterial Peptides with Enhanced Killing Kinetics. <i>Frontiers in Microbiology</i> , 2018, 9, 325.	3.5	29
2	GAL regulon of <i>Saccharomyces cerevisiae</i> performs optimally to maximize growth on galactose. <i>FEMS Yeast Research</i> , 2014, 14, 346-356.	2.3	15
3	Mathematical modeling and experimental validation of chemotaxis under controlled gradients of methyl-aspartate in <i>Escherichia coli</i> . <i>Molecular BioSystems</i> , 2010, 6, 1082.	2.9	9
4	A steady-state modeling approach for simulation of antimicrobial peptide-cell membrane interaction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183242.	2.6	9
5	Effect on $\beta$ -galactosidase synthesis and burden on growth of osmotic stress in <i>Escherichia coli</i> . <i>SpringerPlus</i> , 2014, 3, 748.	1.2	6
6	FSHR antagonists can trigger a PCOS-like state. <i>Systems Biology in Reproductive Medicine</i> , 2022, 68, 129-137.	2.1	4
7	Mathematical modelling for collective chemotaxis and aerotaxis response of <i>Escherichia coli</i> . <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 175-180.	0.4	1
8	Constraints based analysis of extended cybernetic models. <i>BioSystems</i> , 2015, 137, 45-54.	2.0	1