

David K Summers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6340409/publications.pdf>

Version: 2024-02-01

16
papers

1,009
citations

840776

11
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

1407
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Metabolite Indole Modulates Incretin Secretion from Intestinal Enteroendocrine L Cells. <i>Cell Reports</i> , 2014, 9, 1202-1208.	6.4	368
2	Indole signalling contributes to the stable maintenance of <i>Escherichia coli</i> multicopy plasmids. <i>Molecular Microbiology</i> , 2007, 63, 35-43.	2.5	161
3	Indole prevents <i>Escherichia coli</i> cell division by modulating membrane potential. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1590-1594.	2.6	142
4	The Indole Pulse: A New Perspective on Indole Signalling in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2014, 9, e93168.	2.5	66
5	Local and Universal Action: The Paradoxes of Indole Signalling in Bacteria. <i>Trends in Microbiology</i> , 2020, 28, 566-577.	7.7	55
6	Persister <i>Escherichia coli</i> Cells Have a Lower Intracellular pH than Susceptible Cells but Maintain Their pH in Response to Antibiotic Treatment. <i>MBio</i> , 2021, 12, e0090921.	4.1	46
7	<i>In vitro</i> production of polyhydroxyalkanoates: achievements and applications. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 760-767.	3.2	39
8	Indole Pulse Signalling Regulates the Cytoplasmic pH of <i>E. coli</i> in a Memory-Like Manner. <i>Scientific Reports</i> , 2019, 9, 3868.	3.3	33
9	Regulation of Indole Signalling during the Transition of <i>E. coli</i> from Exponential to Stationary Phase. <i>PLoS ONE</i> , 2015, 10, e0136691.	2.5	30
10	Synthesis, properties and uses of bacterial storage lipid granules as naturally occurring nanoparticles. <i>Soft Matter</i> , 2010, 6, 4045.	2.7	23
11	Inhibition of indole production increases the activity of quinolone antibiotics against <i>E. coli</i> persisters. <i>Scientific Reports</i> , 2020, 10, 11742.	3.3	14
12	Plasmids in the driving seat: The regulatory RNA Rcd gives plasmid ColE1 control over division and growth of its <i>E. coli</i> host. <i>Plasmid</i> , 2015, 78, 59-64.	1.4	8
13	Indole at low concentration helps exponentially growing <i>Escherichia coli</i> survive at high temperature. <i>PLoS ONE</i> , 2017, 12, e0188853.	2.5	8
14	Efficient 3- β -Hydroxybutyrate Production by Quiescent <i>Escherichia coli</i> Microbial Cell Factories is Facilitated by Indole-Induced Proteomic and Metabolomic Changes. <i>Biotechnology Journal</i> , 2018, 13, e1700571.	3.5	8
15	Efficient molecular weight control of bacterially synthesized polyesters by alcohol supplementation. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1110-1114.	3.2	7
16	Indole modifies the central carbon flux in the anaerobic metabolism of <i>Escherichia coli</i> : application to the production of hydrogen and other metabolites. <i>New Biotechnology</i> , 2016, 33, 868-873.	4.4	1