

John Walshaw

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,151
citations

430754

18
h-index

677027

22
g-index

23
all docs

23
docs citations

23
times ranked

3484
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Faecal Microbiota Profiles Associated With Performance and Birthweight of Piglets. <i>Frontiers in Microbiology</i> , 2020, 11, 917.	1.5	28
2	Unravelling the specificity and mechanism of sialic acid recognition by the gut symbiont <i>Ruminococcus gnavus</i> . <i>Nature Communications</i> , 2017, 8, 2196.	5.8	74
3	New Elements To Consider When Modeling the Hazards Associated with Botulinum Neurotoxin in Food. <i>Journal of Bacteriology</i> , 2016, 198, 204-211.	1.0	4
4	Image Segmentation of Bananas in a Crate Using a Multiple Threshold Method. <i>Journal of Food Process Engineering</i> , 2016, 39, 427-432.	1.5	5
5	An Integrative Approach to Computational Modelling of the Gene Regulatory Network Controlling <i>Clostridium botulinum</i> Type A1 Toxin Production. <i>PLoS Computational Biology</i> , 2016, 12, e1005205.	1.5	9
6	Discovery of intramolecular trans-sialidases in human gut microbiota suggests novel mechanisms of mucosal adaptation. <i>Nature Communications</i> , 2015, 6, 7624.	5.8	143
7	Structural basis for adaptation of lactobacilli to gastrointestinal mucus. <i>Environmental Microbiology</i> , 2014, 16, 888-903.	1.8	102
8	Structural and molecular insights into novel surface-exposed mucus adhesins from <i>Lactobacillus reuteri</i> human strains. <i>Molecular Microbiology</i> , 2014, 92, 543-556.	1.2	29
9	Gut Microbiome in New-Onset Crohn's Disease. <i>Gastroenterology</i> , 2014, 147, 932-934.	0.6	18
10	Comparative metatranscriptomics reveals kingdom level changes in the rhizosphere microbiome of plants. <i>ISME Journal</i> , 2013, 7, 2248-2258.	4.4	468
11	Bicaudal-D uses a parallel, homodimeric coiled coil with heterotypic registry to coordinate recruitment of cargos to dynein. <i>Genes and Development</i> , 2013, 27, 1233-1246.	2.7	79
12	Coiled-coil protein Scy is a key component of a multiprotein assembly controlling polarized growth in <i>Streptomyces</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E397-406.	3.3	90
13	<i>Arabidopsis</i> Plasmodesmal Proteome. <i>PLoS ONE</i> , 2011, 6, e18880.	1.1	238
14	A novel coiled-coil repeat variant in a class of bacterial cytoskeletal proteins. <i>Journal of Structural Biology</i> , 2010, 170, 202-215.	1.3	30
15	<i>Arabidopsis</i> cell wall proteome defined using multidimensional protein identification technology. <i>Proteomics</i> , 2006, 6, 301-311.	1.3	227
16	Extended knobs-into-holes packing in classical and complex coiled-coil assemblies. <i>Journal of Structural Biology</i> , 2003, 144, 349-361.	1.3	85
17	Investigating the Tolerance of Coiled-Coil Peptides to Nonheptad Sequence Inserts. <i>Journal of Structural Biology</i> , 2002, 137, 73-81.	1.3	31
18	Open-and-shut cases in coiled-coil assembly: β -sheets and β -cylinders. <i>Protein Science</i> , 2001, 10, 668-673.	3.1	47

#	ARTICLE	IF	CITATIONS
19	SOCKET: a program for identifying and analysing coiled-coil motifs within protein structures ¹¹ Edited by J. Thornton. Journal of Molecular Biology, 2001, 307, 1427-1450.	2.0	360
20	Guidelines for the assembly of novel coiled-coil structures: $\hat{\alpha}$ -sheets and $\hat{\alpha}$ -cylinders. Biochemical Society Symposia, 2001, 68, 111-123.	2.7	7
21	Solvent interactions with n ring systems in proteins. Protein Engineering, Design and Selection, 1995, 8, 109-116.	1.0	24
22	Distribution of Solvent Molecules Around Apolar Side-chains in Protein Crystals. Journal of Molecular Biology, 1993, 231, 392-414.	2.0	53