

Peter De Wulf

List of Publications by Year in descending order

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34
papers

2,385
citations

430874

18
h-index

414414

32
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35
all docs

35
docs citations

35
times ranked

2559
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications for Kinetochores-Microtubule Attachment from the Structure of an Engineered Ndc80 Complex. <i>Cell</i> , 2008, 133, 427-439.	28.9	479
2	The yeast DASH complex forms closed rings on microtubules. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 138-143.	8.2	258
3	Hierarchical assembly of the budding yeast kinetochore from multiple subcomplexes. <i>Genes and Development</i> , 2003, 17, 2902-2921.	5.9	256
4	Genome-wide Profiling of Promoter Recognition by the Two-component Response Regulator CpxR-P in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 26652-26661.	3.4	199
5	Probing the ArcA-P Modulon of <i>Escherichia coli</i> by Whole Genome Transcriptional Analysis and Sequence Recognition Profiling. <i>Journal of Biological Chemistry</i> , 2004, 279, 12588-12597.	3.4	179
6	The CpxRA Signal Transduction System of <i>Escherichia coli</i> : Growth-Related Autoactivation and Control of Unanticipated Target Operons. <i>Journal of Bacteriology</i> , 1999, 181, 6772-6778.	2.2	130
7	Signal Decay through a Reverse Phosphorelay in the Arc Two-component Signal Transduction System. <i>Journal of Biological Chemistry</i> , 1998, 273, 32864-32869.	3.4	119
8	Cnn1 inhibits the interactions between the KMN complexes of the yeast kinetochore. <i>Nature Cell Biology</i> , 2012, 14, 614-624.	10.3	95
9	Protein phosphatases take the mitotic stage. <i>Current Opinion in Cell Biology</i> , 2009, 21, 806-815.	5.4	90
10	Roles for the Conserved Spc105p/Kre28p Complex in Kinetochores-Microtubule Binding and the Spindle Assembly Checkpoint. <i>PLoS ONE</i> , 2009, 4, e7640.	2.5	70
11	Centromere and Pericentromere Transcription: Roles and Regulation in Sickness and in Health. <i>Frontiers in Genetics</i> , 2018, 9, 674.	2.3	69
12	Improved Cellulose Formation by an <i>Acetobacter xylinum</i> Mutant Limited in (Keto)Gluconate Synthesis. <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 67, 376-380.	3.2	63
13	Production of D-ribose by fermentation. <i>Applied Microbiology and Biotechnology</i> , 1997, 48, 141-148.	3.6	46
14	Optimized synthesis of L-sorbose by C5-dehydrogenation of D-sorbitol with <i>Gluconobacter oxydans</i> . <i>Biotechnology and Bioengineering</i> , 2000, 69, 339-343.	3.3	41
15	Cpx Two-Component Signal Transduction in <i>Escherichia coli</i> : Excessive CpxR-P Levels Underlie CpxA* Phenotypes. <i>Journal of Bacteriology</i> , 2000, 182, 1423-1426.	2.2	41
16	Aberrant Cell Division and Random FtsZ Ring Positioning in <i>Escherichia coli</i> cpxA* Mutants. <i>Journal of Bacteriology</i> , 1998, 180, 3486-3490.	2.2	28
17	A weight matrix for binding recognition by the redox-response regulator ArcA-P of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1999, 32, 219-221.	2.5	26
18	Rio1 promotes rDNA stability and downregulates RNA polymerase I to ensure rDNA segregation. <i>Nature Communications</i> , 2015, 6, 6643.	12.8	25

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19	Integrating Rio1 activities discloses its nutrient-activated network in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2018, 46, 7586-7611.	14.5	19
20	A mutational study of the ArcA-P binding sequences in the <i>aldA</i> promoter of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1999, 261, 170-176.	2.4	18
21	Presence of the Cpx system in bacteria. <i>Microbiology (United Kingdom)</i> , 2000, 146, 247-248.	1.8	18
22	A Screen for Kinetochores-Microtubule Interaction Inhibitors Identifies Novel Antitubulin Compounds. <i>PLoS ONE</i> , 2010, 5, e11603.	2.5	16
23	Real-time flow cytometric quantification of GFP expression and Gfp-fluorescence generation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Microbiological Methods</i> , 2000, 42, 57-64.	1.6	15
24	The Mps1 Kinase Modulates the Recruitment and Activity of Cnn1CENP-T at <i>Saccharomyces cerevisiae</i> Kinetochores. <i>Genetics</i> , 2015, 200, 79-90.	2.9	15
25	The Rio1 protein kinases/ATPases: conserved regulators of growth, division, and genomic stability. <i>Current Genetics</i> , 2019, 65, 457-466.	1.7	14
26	Regulation of <i>adhE</i> (Encoding Ethanol Oxidoreductase) by the Fis Protein in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1999, 181, 7390-7393.	2.2	14
27	Evading Pgp Activity in Drug-Resistant Cancer Cells: A Structural and Functional Study of Antitubulin Furan Metotica Compounds. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1103-1111.	4.1	12
28	Screening and mutational improvement of a d-ribose secreting <i>Candida pelliculosa</i> strain. <i>Journal of Bioscience and Bioengineering</i> , 1996, 82, 1-7.	0.9	11
29	Molecular Structures and Interactions in the Yeast Kinetochores. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2010, 75, 395-401.	1.1	7
30	Cdc14B and APC/C Tackle DNA Damage. <i>Cell</i> , 2008, 134, 210-212.	28.9	6
31	Nuclear Periphery and Telomere Maintenance: TERRA Joins the Stage. <i>Trends in Genetics</i> , 2021, 37, 608-611.	6.7	3
32	Specific organic acids enhance the d-ribose productivity of a transketolase-defective <i>Bacillus subtilis</i> strain. <i>Journal of Chemical Technology and Biotechnology</i> , 1997, 70, 311-315.	3.2	2
33	Kinetochores Composition, Formation, and Organization. , 2009, , 1-59.		1
34	Tension at EMBO's Aneuploidy Workshop. <i>EMBO Reports</i> , 2010, 11, 727-729.	4.5	0