

Julie M Stevens

List of Publications by Year in descending order

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32
papers

1,033
citations

430754

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477173

29
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32
all docs

32
docs citations

32
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	C-type Cytochrome Formation: A Chemical and Biological Enigmas. <i>Accounts of Chemical Research</i> , 2004, 37, 999-1007.	7.6	137
2	C-type cytochromes: diverse structures and biogenesis systems pose evolutionary problems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003, 358, 255-266.	1.8	100
3	Cytochrome <i>c</i> biogenesis System I. <i>FEBS Journal</i> , 2011, 278, 4170-4178.	2.2	82
4	The CcmE protein of the c-type cytochrome biogenesis system: Unusual in vitro heme incorporation into apo-CcmE and transfer from holo-CcmE to apocytochrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9703-9708.	3.3	65
5	Cytochrome <i>c</i> assembly: A tale of ever increasing variation and mystery?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 980-984.	0.5	56
6	The Interaction of Covalently Bound Heme with the Cytochrome <i>c</i> Maturation Protein CcmE. <i>Journal of Biological Chemistry</i> , 2004, 279, 51981-51988.	1.6	54
7	Cytochrome <i>c</i> assembly. <i>IUBMB Life</i> , 2013, 65, 209-216.	1.5	54
8	Loss of ATP hydrolysis activity by CcmAB results in loss of c-type cytochrome synthesis and incomplete processing of CcmE. <i>FEBS Journal</i> , 2007, 274, 2322-2332.	2.2	53
9	Why isn't a "standard" heme good enough for c-type and d1-type cytochromes?. <i>Dalton Transactions</i> , 2005, , 3410.	1.6	44
10	Evolutionary origins of members of a superfamily of integral membrane cytochrome <i>c</i> biogenesis proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2164-2181.	1.4	41
11	Interaction of Heme with Variants of the Heme Chaperone CcmE Carrying Active Site Mutations and a Cleavable N-terminal His Tag. <i>Journal of Biological Chemistry</i> , 2003, 278, 20500-20506.	1.6	37
12	A variant System I for cytochromecbiogenesis in archaea and some bacteria has a novel CcmE and no CcmH. <i>FEBS Letters</i> , 2006, 580, 4827-4834.	1.3	33
13	Cytochrome <i>c</i> as an experimental model protein. <i>Metallomics</i> , 2011, 3, 319.	1.0	33
14	Probing the Heme-Binding Site of the Cytochrome <i>c</i> Maturation Protein CcmE. <i>Biochemistry</i> , 2009, 48, 1820-1828.	1.2	27
15	c-Type Cytochrome Biogenesis Can Occur via a Natural Ccm System Lacking CcmH, CcmG, and the Heme-binding Histidine of CcmE. <i>Journal of Biological Chemistry</i> , 2010, 285, 22882-22889.	1.6	24
16	The interplay between the disulfide bond formation pathway and cytochrome <i>c</i> maturation in <i>Escherichia coli</i> . <i>FEBS Letters</i> , 2012, 586, 1702-1707.	1.3	22
17	Comparing the substrate specificities of cytochrome <i>c</i> biogenesis Systems I and II. <i>FEBS Journal</i> , 2010, 277, 726-737.	2.2	21
18	Oxidation State-dependent Protein-Protein Interactions in Disulfide Cascades. <i>Journal of Biological Chemistry</i> , 2011, 286, 24943-24956.	1.6	21

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19	A Pivotal Heme-transfer Reaction Intermediate in Cytochrome c Biogenesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 2342-2352.	1.6	18
20	Control of Periplasmic Interdomain Thiol:Disulfide Exchange in the Transmembrane Oxidoreductase DsbD. <i>Journal of Biological Chemistry</i> , 2009, 284, 3219-3226.	1.6	16
21	Dynamic Ligation Properties of the Escherichia coli Heme Chaperone CcmE to Non-covalently Bound Heme. <i>Journal of Biological Chemistry</i> , 2006, 281, 6144-6151.	1.6	15
22	The mitochondrial cytochrome c N-terminal region is critical for maturation by holocytochrome c synthase. <i>FEBS Letters</i> , 2011, 585, 1891-1896.	1.3	15
23	Dispensable residues in the active site of the cytochrome <i>c</i> biogenesis protein CcmH. <i>FEBS Letters</i> , 2008, 582, 3067-3072.	1.3	14
24	Probing Heme Delivery Processes in CytochromecBiogenesis System I. <i>Biochemistry</i> , 2013, 52, 7262-7270.	1.2	14
25	Overproduction of CcmABCDEFGH restores cytochromecmaturation in a DsbD deletion strain of E. coli: another route for reductant?. <i>FEBS Letters</i> , 2004, 576, 81-85.	1.3	10
26	Substrate recognition of holocytochrome <i>c</i> synthase: N-terminal region and CXXCH motif of mitochondrial cytochrome <i>c</i> . <i>FEBS Letters</i> , 2014, 588, 3367-3374.	1.3	9
27	Functional Characterization of the C-terminal Domain of the Cytochrome c Maturation Protein CcmE. <i>Journal of Biological Chemistry</i> , 2005, 280, 36747-36753.	1.6	8
28	Avoidance of the cytochrome c biogenesis system by periplasmic CXXCH motifs. <i>Biochemical Society Transactions</i> , 2008, 36, 1124-1128.	1.6	6
29	Metal and redox selectivity of protoporphyrin binding to the heme chaperone CcmE. <i>Metallomics</i> , 2011, 3, 363.	1.0	4
30	C-Type Cytochrome Formation: Chemical and Biological Enigmas. <i>ChemInform</i> , 2005, 36, no.	0.1	0
31	Cytochrome <i>c</i> Biogenesis. <i>EcoSal Plus</i> , 2008, 3, .	2.1	0
32	93 Heme Attachment to Cytochromes c. <i>Handbook of Porphyrin Science</i> , 2012, , 371-401.	0.3	0