

# Roland Lill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6389018/publications.pdf>

Version: 2024-02-01

124  
papers

17,634  
citations

9264

74  
h-index

16650

123  
g-index

129  
all docs

129  
docs citations

129  
times ranked

10323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic concepts of iron-sulfur protein biogenesis in Biology. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118863.	4.1	113
2	N-terminal tyrosine of ISCU2 triggers [2Fe-2S] cluster synthesis by ISCU2 dimerization. <i>Nature Communications</i> , 2021, 12, 6902.	12.8	15
3	Conformational changes in the yeast mitochondrial ABC transporter Atm1 during the transport cycle. <i>Science Advances</i> , 2021, 7, eabk2392.	10.3	4
4	Structural and functional diversity calls for a new classification of ABC transporters. <i>FEBS Letters</i> , 2020, 594, 3767-3775.	2.8	169
5	Mitochondrial [4Fe-4S] protein assembly involves reductive [2Fe-2S] cluster fusion on ISCA1 and ISCA2 by electron flow from ferredoxin FDX2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20555-20565.	7.1	59
6	Redox Modification of the Iron-Sulfur Glutaredoxin GRXS17 Activates Holdase Activity and Protects Plants from Heat Stress. <i>Plant Physiology</i> , 2020, 184, 676-692.	4.8	33
7	The alarmone (p)ppGpp confers tolerance to oxidative stress during the stationary phase by maintenance of redox and iron homeostasis in <i>Staphylococcus aureus</i> . <i>Free Radical Biology and Medicine</i> , 2020, 161, 351-364.	2.9	27
8	Mechanisms of Mitochondrial Iron-Sulfur Protein Biogenesis. <i>Annual Review of Biochemistry</i> , 2020, 89, 471-499.	11.1	220
9	From the discovery to molecular understanding of cellular iron-sulfur protein biogenesis. <i>Biological Chemistry</i> , 2020, 401, 855-876.	2.5	43
10	Glutaredoxins and iron-sulfur protein biogenesis at the interface of redox biology and iron metabolism. <i>Biological Chemistry</i> , 2020, 401, 1407-1428.	2.5	29
11	Do FeS clusters rule bacterial iron regulation?. <i>Journal of Biological Chemistry</i> , 2020, 295, 15464-15465.	3.4	1
12	Systematic identification of metabolites controlling gene expression in <i>E. coli</i> . <i>Nature Communications</i> , 2019, 10, 4463.	12.8	71
13	Walter Neupert (1939 and 2019), a pioneer of mitochondrial biogenesis and morphology. <i>EMBO Journal</i> , 2019, 38, e103100.	7.8	0
14	Glycogen branching enzyme controls cellular iron homeostasis via Iron Regulatory Protein 1 and mitoNEET. <i>Nature Communications</i> , 2019, 10, 5463.	12.8	34
15	Depletion of thiol reducing capacity impairs cytosolic but not mitochondrial iron-sulfur protein assembly machineries. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 240-251.	4.1	10
16	Biochemical Analyses of Human Iron and Sulfur Protein Biogenesis and of Related Diseases. <i>Methods in Enzymology</i> , 2018, 599, 227-263.	1.0	16
17	Branched late-steps of the cytosolic iron-sulphur cluster assembly machinery of <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2018, 14, e1007326.	4.7	2
18	ISCA1 mutation in a patient with infantile-onset leukodystrophy causes defects in mitochondrial [4Fe-4S] proteins. <i>Human Molecular Genetics</i> , 2018, 27, 3650-3650.	2.9	6

#	ARTICLE	IF	CITATIONS
19	Function and crystal structure of the dimeric P-loop ATPase CFD1 coordinating an exposed [4Fe-4S] cluster for transfer to apoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9085-E9094.	7.1	26
20	ISCA1 mutation in a patient with infantile-onset leukodystrophy causes defects in mitochondrial [4Fe-4S] proteins. <i>Human Molecular Genetics</i> , 2018, 27, 2739-2754.	2.9	25
21	Biochemical Reconstitution and Spectroscopic Analysis of Iron-Sulfur Proteins. <i>Methods in Enzymology</i> , 2018, 599, 197-226.	1.0	61
22	Fe-S cluster coordination of the chromokinesin KIF4A alters its sub-cellular localization during mitosis. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	11
23	A novel complex neurological phenotype due to a homozygous mutation in FDX2. <i>Brain</i> , 2018, 141, 2289-2298.	7.6	29
24	Conserved functions of Arabidopsis mitochondrial late-acting maturation factors in the trafficking of iron-sulfur clusters. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1250-1259.	4.1	20
25	Iron-sulfur cluster biogenesis and trafficking in mitochondria. <i>Journal of Biological Chemistry</i> , 2017, 292, 12754-12763.	3.4	278
26	Cellular requirements for iron-sulfur cluster insertion into the antiviral radical SAM protein viperin. <i>Journal of Biological Chemistry</i> , 2017, 292, 13879-13889.	3.4	35
27	Evolutionary conservation and in vitro reconstitution of microsporidian iron-sulfur cluster biosynthesis. <i>Nature Communications</i> , 2017, 8, 13932.	12.8	67
28	<i>Cryptococcus neoformans</i> Iron-Sulfur Protein Biogenesis Machinery Is a Novel Layer of Protection against Cu Stress. <i>MBio</i> , 2017, 8, .	4.1	41
29	A novel de novo dominant mutation in <i>ISCU</i> associated with mitochondrial myopathy. <i>Journal of Medical Genetics</i> , 2017, 54, 815-824.	3.2	25
30	The diferric-tyrosyl radical cluster of ribonucleotide reductase and cytosolic iron-sulfur clusters have distinct and similar biogenesis requirements. <i>Journal of Biological Chemistry</i> , 2017, 292, 11445-11451.	3.4	19
31	Structure and functional dynamics of the mitochondrial Fe/S cluster synthesis complex. <i>Nature Communications</i> , 2017, 8, 1287.	12.8	144
32	Role of Nfu1 and Bol3 in iron-sulfur cluster transfer to mitochondrial clients. <i>ELife</i> , 2016, 5, .	6.0	107
33	Mitochondrial Bol1 and Bol3 function as assembly factors for specific iron-sulfur proteins. <i>ELife</i> , 2016, 5, .	6.0	96
34	The conserved protein Dre2 uses essential [2Fe-2S] and [4Fe-4S] clusters for its function in cytosolic iron-sulfur protein assembly. <i>Biochemical Journal</i> , 2016, 473, 2073-2085.	3.7	35
35	Defects in Mitochondrial Iron-Sulfur Cluster Assembly Induce Cysteine S-Polythiolation on Iron-Sulfur Apoproteins. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 28-40.	5.4	4
36	Compartmentalization of iron between mitochondria and the cytosol and its regulation. <i>European Journal of Cell Biology</i> , 2015, 94, 292-308.	3.6	76

#	ARTICLE	IF	CITATIONS
37	The role of mitochondria and the CIA machinery in the maturation of cytosolic and nuclear iron-sulfur proteins. <i>European Journal of Cell Biology</i> , 2015, 94, 280-291.	3.6	158
38	Fe/S protein assembly gene <i>IBA57</i> mutation causes hereditary spastic paraplegia. <i>Neurology</i> , 2015, 84, 659-667.	1.1	64
39	Biogenesis of cytosolic and nuclear iron-sulfur proteins and their role in genome stability. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1528-1539.	4.1	192
40	Mutation of the iron-sulfur cluster assembly gene <i>IBA57</i> causes fatal infantile leukodystrophy. <i>Journal of Inherited Metabolic Disease</i> , 2015, 38, 1147-1153.	3.6	43
41	The mitochondrial monothiol glutaredoxin S15 is essential for iron-sulfur protein maturation in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13735-13740.	7.1	84
42	The Basic Leucine Zipper Stress Response Regulator Yap5 Senses High-Iron Conditions by Coordination of [2Fe-2S] Clusters. <i>Molecular and Cellular Biology</i> , 2015, 35, 370-378.	2.3	46
43	The deca-GX3 proteins Yae1-Lto1 function as adaptors recruiting the ABC protein Rli1 for iron-sulfur cluster insertion. <i>ELife</i> , 2015, 4, e08231.	6.0	62
44	Functional reconstitution of mitochondrial Fe/S cluster synthesis on Isu1 reveals the involvement of ferredoxin. <i>Nature Communications</i> , 2014, 5, 5013.	12.8	136
45	Viperin is an iron-sulfur protein that inhibits genome synthesis of tick-borne encephalitis virus via radical SAM domain activity. <i>Cellular Microbiology</i> , 2014, 16, 834-848.	2.1	94
46	The role of mitochondria in cytosolic-nuclear iron-sulfur protein biogenesis and in cellular iron regulation. <i>Current Opinion in Microbiology</i> , 2014, 22, 111-119.	5.1	113
47	SnapShot: Eukaryotic Fe-S Protein Biogenesis. <i>Cell Metabolism</i> , 2014, 20, 384-384.e1.	16.2	13
48	Cytosolic iron-sulphur protein assembly is functionally conserved and essential in procyclic and bloodstream <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2014, 93, 897-910.	2.5	23
49	Crystal Structures of Nucleotide-Free and Glutathione-Bound Mitochondrial ABC Transporter Atm1. <i>Science</i> , 2014, 343, 1137-1140.	12.6	195
50	Maturation of cytosolic and nuclear iron-sulfur proteins. <i>Trends in Cell Biology</i> , 2014, 24, 303-312.	7.9	158
51	Mitochondrial iron-sulfur protein biogenesis and human disease. <i>Biochimie</i> , 2014, 100, 61-77.	2.6	227
52	Human CIA2A-FAM96A and CIA2B-FAM96B Integrate Iron Homeostasis and Maturation of Different Subsets of Cytosolic-Nuclear Iron-Sulfur Proteins. <i>Cell Metabolism</i> , 2013, 18, 187-198.	16.2	144
53	The Role of Mitochondria in Cellular Iron-Sulfur Protein Biogenesis: Mechanisms, Connected Processes, and Diseases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a011312-a011312.	5.5	157
54	The mitochondrial carrier Rim2 co-imports pyrimidine nucleotides and iron. <i>Biochemical Journal</i> , 2013, 455, 57-65.	3.7	31

#	ARTICLE	IF	CITATIONS
55	The mitochondrial Hsp70 chaperone Ssq1 facilitates Fe/S cluster transfer from Isu1 to Grx5 by complex formation. <i>Molecular Biology of the Cell</i> , 2013, 24, 1830-1841.	2.1	122
56	Mutation of the iron-sulfur cluster assembly gene IBA57 causes severe myopathy and encephalopathy. <i>Human Molecular Genetics</i> , 2013, 22, 2590-2602.	2.9	103
57	Crucial function of vertebrate glutaredoxin 3 (PICOT) in iron homeostasis and hemoglobin maturation. <i>Molecular Biology of the Cell</i> , 2013, 24, 1895-1903.	2.1	101
58	The human mitochondrial ISCA1, ISCA2, and IBA57 proteins are required for [4Fe-4S] protein maturation. <i>Molecular Biology of the Cell</i> , 2012, 23, 1157-1166.	2.1	185
59	Eukaryotic DNA polymerases require an iron-sulfur cluster for the formation of active complexes. <i>Nature Chemical Biology</i> , 2012, 8, 125-132.	8.0	342
60	MMS19 Assembles Iron-Sulfur Proteins Required for DNA Metabolism and Genomic Integrity. <i>Science</i> , 2012, 337, 195-199.	12.6	255
61	A Bridging [4Fe-4S] Cluster and Nucleotide Binding Are Essential for Function of the Cfd1-Nbp35 Complex as a Scaffold in Iron-Sulfur Protein Maturation. <i>Journal of Biological Chemistry</i> , 2012, 287, 12365-12378.	3.4	91
62	The role of mitochondria in cellular iron-sulfur protein biogenesis and iron metabolism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1491-1508.	4.1	404
63	The Multidomain Thioredoxin-Monothiol Glutaredoxins Represent a Distinct Functional Group. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 19-30.	5.4	54
64	The oxidative stress response in yeast cells involves changes in the stability of Aft1 regulon mRNAs. <i>Molecular Microbiology</i> , 2011, 81, 232-248.	2.5	33
65	A Fatal Mitochondrial Disease Is Associated with Defective NFU1 Function in the Maturation of a Subset of Mitochondrial Fe-S Proteins. <i>American Journal of Human Genetics</i> , 2011, 89, 656-667.	6.2	262
66	Specialized Function of Yeast Isa1 and Isa2 Proteins in the Maturation of Mitochondrial [4Fe-4S] Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 41205-41216.	3.4	143
67	Tah18 transfers electrons to Dre2 in cytosolic iron-sulfur protein biogenesis. <i>Nature Chemical Biology</i> , 2010, 6, 758-765.	8.0	176
68	Humans possess two mitochondrial ferredoxins, Fdx1 and Fdx2, with distinct roles in steroidogenesis, heme, and Fe/S cluster biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11775-11780.	7.1	279
69	Iron Regulation through the Back Door: Iron-Dependent Metabolite Levels Contribute to Transcriptional Adaptation to Iron Deprivation in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2010, 9, 460-471.	3.4	42
70	Cytosolic Monothiol Glutaredoxins Function in Intracellular Iron Sensing and Trafficking via Their Bound Iron-Sulfur Cluster. <i>Cell Metabolism</i> , 2010, 12, 373-385.	16.2	263
71	Human Ind1, an Iron-Sulfur Cluster Assembly Factor for Respiratory Complex I. <i>Molecular and Cellular Biology</i> , 2009, 29, 6059-6073.	2.3	184
72	Function and biogenesis of iron-sulfur proteins. <i>Nature</i> , 2009, 460, 831-838.	27.8	989

#	ARTICLE	IF	CITATIONS
73	Analysis of iron-sulfur protein maturation in eukaryotes. <i>Nature Protocols</i> , 2009, 4, 753-766.	12.0	87
74	Crucial Role of Conserved Cysteine Residues in the Assembly of Two Iron-Sulfur Clusters on the CIA Protein Nar1. <i>Biochemistry</i> , 2009, 48, 4946-4958.	2.5	46
75	The power plant of the cell is also a smithy: The emerging role of mitochondria in cellular iron homeostasis. <i>Annals of Medicine</i> , 2009, 41, 82-99.	3.8	43
76	The iron-sulphur protein Ind1 is required for effective complex I assembly. <i>EMBO Journal</i> , 2008, 27, 1736-1746.	7.8	158
77	Localization and functionality of microsporidian iron-sulphur cluster assembly proteins. <i>Nature</i> , 2008, 452, 624-628.	27.8	210
78	Maturation of Iron-Sulfur Proteins in Eukaryotes: Mechanisms, Connected Processes, and Diseases. <i>Annual Review of Biochemistry</i> , 2008, 77, 669-700.	11.1	531
79	EPR and Mössbauer Spectroscopy of Intact Mitochondria Isolated from Yah1p-Depleted <i>Saccharomyces cerevisiae</i> . <i>Biochemistry</i> , 2008, 47, 9888-9899.	2.5	64
80	Bacterial ApbC Can Bind and Effectively Transfer Iron-Sulfur Clusters. <i>Biochemistry</i> , 2008, 47, 8195-8202.	2.5	52
81	Cellular and Mitochondrial Remodeling upon Defects in Iron-Sulfur Protein Biogenesis. <i>Journal of Biological Chemistry</i> , 2008, 283, 8318-8330.	3.4	103
82	Mitochondrial Iba57p Is Required for Fe/S Cluster Formation on Aconitase and Activation of Radical SAM Enzymes. <i>Molecular and Cellular Biology</i> , 2008, 28, 1851-1861.	2.3	161
83	The Essential Cytosolic Iron-Sulfur Protein Nbp35 Acts without Cfd1 Partner in the Green Lineage. <i>Journal of Biological Chemistry</i> , 2008, 283, 35797-35804.	3.4	68
84	Human Nbp35 Is Essential for both Cytosolic Iron-Sulfur Protein Assembly and Iron Homeostasis. <i>Molecular and Cellular Biology</i> , 2008, 28, 5517-5528.	2.3	98
85	Methods for Studying Iron Metabolism in Yeast Mitochondria. <i>Methods in Cell Biology</i> , 2007, 80, 261-280.	1.1	35
86	Thio Modification of Yeast Cytosolic tRNA Is an Iron-Sulfur Protein-Dependent Pathway. <i>Molecular and Cellular Biology</i> , 2007, 27, 2841-2847.	2.3	66
87	The Cfd1-Nbp35 complex acts as a scaffold for iron-sulfur protein assembly in the yeast cytosol. <i>Nature Chemical Biology</i> , 2007, 3, 278-286.	8.0	166
88	Structure of the Yeast WD40 Domain Protein Cia1, a Component Acting Late in Iron-Sulfur Protein Biogenesis. <i>Structure</i> , 2007, 15, 1246-1257.	3.3	74
89	Stimulation of the ATPase activity of the yeast mitochondrial ABC transporter Atm1p by thiol compounds. <i>Molecular Membrane Biology</i> , 2006, 23, 173-184.	2.0	70
90	Iron-Sulfur Protein Biogenesis in Eukaryotes: Components and Mechanisms. <i>Annual Review of Cell and Developmental Biology</i> , 2006, 22, 457-486.	9.4	327

#	ARTICLE	IF	CITATIONS
91	Essential role of Isd11 in mitochondrial iron-sulfur cluster synthesis on Isu scaffold proteins. <i>EMBO Journal</i> , 2006, 25, 184-195.	7.8	204
92	The effects of mitochondrial iron homeostasis on cofactor specificity of superoxide dismutase 2. <i>EMBO Journal</i> , 2006, 25, 1775-1783.	7.8	131
93	Role of Human Mitochondrial Nfs1 in Cytosolic Iron-Sulfur Protein Biogenesis and Iron Regulation. <i>Molecular and Cellular Biology</i> , 2006, 26, 5675-5687.	2.3	156
94	Role of Glutaredoxin-3 and Glutaredoxin-4 in the Iron Regulation of the Aft1 Transcriptional Activator in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 17661-17669.	3.4	220
95	Biogenesis of cytosolic ribosomes requires the essential iron-sulphur protein Rli1p and mitochondria. <i>EMBO Journal</i> , 2005, 24, 589-598.	7.8	226
96	The Essential WD40 Protein Cia1 Is Involved in a Late Step of Cytosolic and Nuclear Iron-Sulfur Protein Assembly. <i>Molecular and Cellular Biology</i> , 2005, 25, 10833-10841.	2.3	118
97	The eukaryotic P loop NTPase Nbp35: An essential component of the cytosolic and nuclear iron-sulfur protein assembly machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3266-3271.	7.1	156
98	Activation of the Iron Regulon by the Yeast Aft1/Aft2 Transcription Factors Depends on Mitochondrial but Not Cytosolic Iron-Sulfur Protein Biogenesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 10135-10140.	3.4	215
99	Iron-sulfur protein maturation in human cells: evidence for a function of frataxin. <i>Human Molecular Genetics</i> , 2004, 13, 3007-3015.	2.9	183
100	Functional Characterization of the Eukaryotic Cysteine Desulfurase Nfs1p from <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 36906-36915.	3.4	119
101	The Yeast Scaffold Proteins Isu1p and Isu2p Are Required inside Mitochondria for Maturation of Cytosolic Fe/S Proteins. <i>Molecular and Cellular Biology</i> , 2004, 24, 4848-4857.	2.3	111
102	The hydrogenase-like Nar1p is essential for maturation of cytosolic and nuclear iron-sulphur proteins. <i>EMBO Journal</i> , 2004, 23, 2105-2115.	7.8	196
103	Components involved in assembly and dislocation of iron-sulfur clusters on the scaffold protein Isu1p. <i>EMBO Journal</i> , 2003, 22, 4815-4825.	7.8	344
104	An interaction between frataxin and Isu1/Nfs1 that is crucial for Fe/S cluster synthesis on Isu1. <i>EMBO Reports</i> , 2003, 4, 906-911.	4.5	329
105	A Specific Role of the Yeast Mitochondrial Carriers Mrs3/4p in Mitochondrial Iron Acquisition under Iron-limiting Conditions. <i>Journal of Biological Chemistry</i> , 2003, 278, 40612-40620.	3.4	173
106	The yeast frataxin homolog Yfh1p plays a specific role in the maturation of cellular Fe/S proteins. <i>Human Molecular Genetics</i> , 2002, 11, 2025-2036.	2.9	291
107	Maturation of Cytosolic Iron-Sulfur Proteins Requires Glutathione. <i>Journal of Biological Chemistry</i> , 2002, 277, 26944-26949.	3.4	190
108	Chapter 2 Isolation and subfractionation of mitochondria from the yeast <i>Saccharomyces cerevisiae</i> . <i>Methods in Cell Biology</i> , 2001, 65, 37-51.	1.1	153

#	ARTICLE	IF	CITATIONS
109	An essential function of the mitochondrial sulfhydryl oxidase Erv1p/ALR in the maturation of cytosolic Fe/S proteins. <i>EMBO Reports</i> , 2001, 2, 715-720.	4.5	265
110	Yeast Erv2p Is the First Microsomal FAD-linked Sulfhydryl Oxidase of the Erv1p/Alrp Protein Family. <i>Journal of Biological Chemistry</i> , 2001, 276, 23486-23491.	3.4	92
111	A Mutation of the Mitochondrial ABC Transporter Sta1 Leads to Dwarfism and Chlorosis in the Arabidopsis Mutant starik. <i>Plant Cell</i> , 2001, 13, 89-100.	6.6	253
112	Maturation of cellular Fe-S proteins: an essential function of mitochondria. <i>Trends in Biochemical Sciences</i> , 2000, 25, 352-356.	7.5	346
113	Human ABC7 transporter: gene structure and mutation causing X-linked sideroblastic anemia with ataxia with disruption of cytosolic iron-sulfur protein maturation. <i>Blood</i> , 2000, 96, 3256-3264.	1.4	247
114	Isa1p Is a Component of the Mitochondrial Machinery for Maturation of Cellular Iron-Sulfur Proteins and Requires Conserved Cysteine Residues for Function. <i>Journal of Biological Chemistry</i> , 2000, 275, 15955-15961.	3.4	111
115	Biogenesis of iron-sulfur proteins in eukaryotes: a novel task of mitochondria that is inherited from bacteria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2000, 1459, 370-382.	1.0	179
116	Mitochondrial Isa2p plays a crucial role in the maturation of cellular iron-sulfur proteins. <i>FEBS Letters</i> , 2000, 476, 134-139.	2.8	73
117	Mechanism of Iron Transport to the Site of Heme Synthesis inside Yeast Mitochondria. <i>Journal of Biological Chemistry</i> , 1999, 274, 18989-18996.	3.4	151
118	The Essential Role of Mitochondria in the Biogenesis of Cellular Iron-Sulfur Proteins. <i>Biological Chemistry</i> , 1999, 380, 1157-66.	2.5	137
119	The mitochondrial proteins Atm1p and Nfs1p are essential for biogenesis of cytosolic Fe/S proteins. <i>EMBO Journal</i> , 1999, 18, 3981-3989.	7.8	669
120	Mmicular mechanisms of cytochrome biogenesis: three distinct systems. <i>Molecular Microbiology</i> , 1998, 29, 383-396.	2.5	266
121	The ABC transporter Atm1p is required for mitochondrial iron homeostasis. <i>FEBS Letters</i> , 1997, 418, 346-350.	2.8	260
122	Mechanisms of protein import across the mitochondrial outer membrane. <i>Trends in Cell Biology</i> , 1996, 6, 56-61.	7.9	122
123	Heme Binding to a Conserved Cys-Pro-Val Motif Is Crucial for the Catalytic Function of Mitochondrial Heme Lyases. <i>Journal of Biological Chemistry</i> , 1996, 271, 32605-32611.	3.4	93
124	The ATPase activity of secA is regulated by acidic phospholipids, secY, and the leader and mature domains of precursor proteins. <i>Cell</i> , 1990, 60, 271-280.	28.9	576