

Suzanne Jackowski

List of Publications by Year in descending order

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140
papers

10,078
citations

20797

60
h-index

38368

95
g-index

142
all docs

142
docs citations

142
times ranked

9449
citing authors

#	ARTICLE	IF	CITATIONS
1	XBP1. <i>Journal of Cell Biology</i> , 2004, 167, 35-41.	2.3	567
2	Coenzyme A: Back in action. <i>Progress in Lipid Research</i> , 2005, 44, 125-153.	5.3	488
3	Membrane phospholipid synthesis and endoplasmic reticulum function. <i>Journal of Lipid Research</i> , 2009, 50, S311-S316.	2.0	343
4	The unfolded protein response transducer IRE1 $\hat{\pm}$ prevents ER stress-induced hepatic steatosis. <i>EMBO Journal</i> , 2011, 30, 1357-1375.	3.5	302
5	Modulation of CTP:phosphocholine cytidyltransferase by membrane curvature elastic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 9032-9036.	3.3	247
6	Regulation of coenzyme A biosynthesis. <i>Journal of Bacteriology</i> , 1981, 148, 926-932.	1.0	236
7	ATF6 $\hat{\pm}$ induces XBP1-independent expansion of the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2009, 122, 1626-1636.	1.2	221
8	Coordinate Regulation of Phospholipid Biosynthesis and Secretory Pathway Gene Expression in XBP-1(S)-induced Endoplasmic Reticulum Biogenesis*. <i>Journal of Biological Chemistry</i> , 2007, 282, 7024-7034.	1.6	214
9	Biosynthesis of Pantothenic Acid and Coenzyme A. <i>EcoSal Plus</i> , 2007, 2, .	2.1	196
10	Forty Years of Bacterial Fatty Acid Synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 1155-1166.	1.0	191
11	Phosphatidylcholine and the CDP $\hat{\pm}$ choline cycle. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 523-532.	1.2	191
12	Cell Cycle Regulation of Membrane Phospholipid Metabolism. <i>Journal of Biological Chemistry</i> , 1996, 271, 20219-20222.	1.6	181
13	Cellular Responses to Excess Phospholipid. <i>Journal of Biological Chemistry</i> , 1999, 274, 9400-9408.	1.6	173
14	Pantothenate Kinase Regulation of the Intracellular Concentration of Coenzyme A. <i>Journal of Biological Chemistry</i> , 2000, 275, 1377-1383.	1.6	173
15	Glycerol permeabilities of fertilized and unfertilized mouse ova. <i>The Journal of Experimental Zoology</i> , 1980, 212, 329-341.	1.4	150
16	Lysophosphatidylcholine and 1-O-Octadecyl-2-O-Methyl-rac- Glycero-3-Phosphocholine Inhibit the CDP-Choline Pathway of Phosphatidylcholine Synthesis at the CTP:Phosphocholine Cytidyltransferase Step. <i>Journal of Biological Chemistry</i> , 1995, 270, 7757-7764.	1.6	141
17	Cancer-associated Isocitrate Dehydrogenase Mutations Inactivate NADPH-dependent Reductive Carboxylation. <i>Journal of Biological Chemistry</i> , 2012, 287, 14615-14620.	1.6	140
18	Cloning of a Novel Phosphoprotein Regulated by Colony-stimulating Factor 1 Shares a Domain with the Drosophiladisabled Gene Product. <i>Journal of Biological Chemistry</i> , 1995, 270, 14184-14191.	1.6	138

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19	Distribution of CTP:Phosphocholine Cytidyltransferase (CCT) Isoforms. <i>Journal of Biological Chemistry</i> , 1999, 274, 26992-27001.	1.6	137
20	Factors affecting survival of mouse embryos during freezing and thawing. <i>Experimental Cell Research</i> , 1974, 89, 79-88.	1.2	120
21	Cloning and Characterization of a Second Human CTP:Phosphocholine Cytidyltransferase. <i>Journal of Biological Chemistry</i> , 1998, 273, 14022-14029.	1.6	115
22	The Role of CDP-Diacylglycerol Synthetase and Phosphatidylinositol Synthase Activity Levels in the Regulation of Cellular Phosphatidylinositol Content. <i>Journal of Biological Chemistry</i> , 1997, 272, 33402-33409.	1.6	114
23	Chemical Knockout of Pantothenate Kinase Reveals the Metabolic and Genetic Program Responsible for Hepatic Coenzyme A Homeostasis. <i>Chemistry and Biology</i> , 2007, 14, 291-302.	6.2	105
24	Genetic and biochemical analyses of pantothenate biosynthesis in <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> . <i>Journal of Bacteriology</i> , 1982, 149, 916-922.	1.0	101
25	Early Embryonic Lethality in Mice with Targeted Deletion of the CTP:Phosphocholine Cytidyltransferase $\hat{\pm}$ Gene (<i>Pcyt1a</i>). <i>Molecular and Cellular Biology</i> , 2005, 25, 3357-3363.	1.1	99
26	Regulation of mammalian cell membrane biosynthesis. <i>Progress in Molecular Biology and Translational Science</i> , 2000, 65, 361-393.	1.9	98
27	Structural Basis for the Feedback Regulation of <i>Escherichia coli</i> Pantothenate Kinase by Coenzyme A. <i>Journal of Biological Chemistry</i> , 2000, 275, 28093-28099.	1.6	98
28	Overproduction of beta-ketoacyl-acyl carrier protein synthase I imparts thiolactomycin resistance to <i>Escherichia coli</i> K-12. <i>Journal of Bacteriology</i> , 1992, 174, 508-513.	1.0	97
29	Apoptosis Triggered by 1-O-Octadecyl-2-O-methyl-rac-glycero-3-phosphocholine Is Prevented by Increased Expression of CTP:Phosphocholine Cytidyltransferase. <i>Journal of Biological Chemistry</i> , 1998, 273, 2169-2173.	1.6	97
30	Metabolism of 4'-phosphopantetheine in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1984, 158, 115-120.	1.0	92
31	Stimulation of phosphatidylinositol 4,5-bisphosphate phospholipase C activity by phosphatidic acid. <i>Archives of Biochemistry and Biophysics</i> , 1989, 268, 516-524.	1.4	91
32	Cloning, sequence, and expression of the pantothenate permease (<i>panF</i>) gene of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1990, 172, 3842-3848.	1.0	91
33	Elimination of the CDP-ethanolamine Pathway Disrupts Hepatic Lipid Homeostasis. <i>Journal of Biological Chemistry</i> , 2009, 284, 27077-27089.	1.6	91
34	Thiolactomycin resistance in <i>Escherichia coli</i> is associated with the multidrug resistance efflux pump encoded by <i>emrAB</i> . <i>Journal of Bacteriology</i> , 1993, 175, 3723-3729.	1.0	89
35	CTP:Phosphocholine Cytidyltransferase: Paving the Way from Gene to Membrane. <i>Journal of Biological Chemistry</i> , 2005, 280, 853-856.	1.6	89
36	Overexpression of a Mammalian Ethanolamine-specific Kinase Accelerates the CDP-ethanolamine Pathway. <i>Journal of Biological Chemistry</i> , 2001, 276, 2174-2179.	1.6	87

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37	Lysophosphatidylcholine Attenuates the Cytotoxic Effects of the Antineoplastic Phospholipid 1-O-Octadecyl-2-O-methyl-rac-glycero-3-phosphocholine. <i>Journal of Biological Chemistry</i> , 1995, 270, 11612-11618.	1.6	85
38	A Pantothenate Kinase from <i>Staphylococcus aureus</i> Refractory to Feedback Regulation by Coenzyme A. <i>Journal of Biological Chemistry</i> , 2005, 280, 3314-3322.	1.6	85
39	Activity of the phosphatidylcholine biosynthetic pathway modulates the distribution of fatty acids into glycerolipids in proliferating cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1483, 301-315.	1.2	83
40	The CDP-Ethanolamine Pathway Regulates Skeletal Muscle Diacylglycerol Content and Mitochondrial Biogenesis without Altering Insulin Sensitivity. <i>Cell Metabolism</i> , 2015, 21, 718-730.	7.2	83
41	Cloning, sequencing, and expression of the pantothenate kinase (coaA) gene of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1992, 174, 6411-6417.	1.0	82
42	Cloning and Characterization of a Eukaryotic Pantothenate Kinase Gene (panK) from <i>Aspergillus nidulans</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 2014-2020.	1.6	82
43	Gene structure, expression and identification of a new CTP:phosphocholine cytidyltransferase $\hat{1}^2$ isoform. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003, 1633, 1-12.	1.2	82
44	Phospholipid Biosynthesis Program Underlying Membrane Expansion during B-lymphocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2007, 282, 7591-7605.	1.6	82
45	Pantothenate Kinase 1 Is Required to Support the Metabolic Transition from the Fed to the Fasted State. <i>PLoS ONE</i> , 2010, 5, e11107.	1.1	82
46	Consequences of reduced intracellular coenzyme A content in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1986, 166, 866-871.	1.0	79
47	Crystal Structures of Human Pantothenate Kinases. <i>Journal of Biological Chemistry</i> , 2007, 282, 27984-27993.	1.6	77
48	Acyl Carrier Protein Is a Cellular Target for the Antibacterial Action of the Pantothenamide Class of Pantothenate Antimetabolites. <i>Journal of Biological Chemistry</i> , 2004, 279, 50969-50975.	1.6	76
49	Biochemical Properties of Human Pantothenate Kinase 2 Isoforms and Mutations Linked to Pantothenate Kinase-associated Neurodegeneration. <i>Journal of Biological Chemistry</i> , 2006, 281, 107-114.	1.6	76
50	Tumor Necrosis Factor- $\hat{1}\alpha$ Inhibits Expression of CTP:Phosphocholine Cytidyltransferase. <i>Journal of Biological Chemistry</i> , 2000, 275, 9699-9708.	1.6	75
51	Role of Feedback Regulation of Pantothenate Kinase (CoaA) in Control of Coenzyme A Levels in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2003, 185, 3410-3415.	1.0	75
52	Activation of human mitochondrial pantothenate kinase 2 by palmitoylcarnitine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1494-1499.	3.3	75
53	Feedback Regulation of Murine Pantothenate Kinase 3 by Coenzyme A and Coenzyme A Thioesters. <i>Journal of Biological Chemistry</i> , 2005, 280, 32594-32601.	1.6	74
54	The murine pantothenate kinase (Pank1) gene encodes two differentially regulated pantothenate kinase isozymes. <i>Gene</i> , 2002, 291, 35-43.	1.0	71

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55	Impaired Coenzyme A metabolism affects histone and tubulin acetylation in <i>Drosophila</i> and human cell models of pantothenate kinase associated neurodegeneration. <i>EMBO Molecular Medicine</i> , 2011, 3, 755-766.	3.3	71
56	Germline Deletion of Pantothenate Kinases 1 and 2 Reveals the Key Roles for CoA in Postnatal Metabolism. <i>PLoS ONE</i> , 2012, 7, e40871.	1.1	66
57	Physiological roles of the pantothenate kinases. <i>Biochemical Society Transactions</i> , 2014, 42, 1033-1036.	1.6	65
58	A therapeutic approach to pantothenate kinase associated neurodegeneration. <i>Nature Communications</i> , 2018, 9, 4399.	5.8	65
59	Phosphatidylcholine Biosynthesis during Neuronal Differentiation and Its Role in Cell Fate Determination. <i>Journal of Biological Chemistry</i> , 2010, 285, 25382-25393.	1.6	63
60	Lipid Activation of CTP:Phosphocholine Cytidyltransferase Is Regulated by the Phosphorylated Carboxyl-terminal Domain. <i>Journal of Biological Chemistry</i> , 1995, 270, 16503-16506.	1.6	62
61	Metabolic control of TFH cells and humoral immunity by phosphatidylethanolamine. <i>Nature</i> , 2021, 595, 724-729.	13.7	62
62	Structure-activity relationships and enzyme inhibition of pantothenamide-type pantothenate kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1007-1020.	1.4	61
63	Cytokine secretion requires phosphatidylcholine synthesis. <i>Journal of Cell Biology</i> , 2008, 181, 945-957.	2.3	60
64	Macrophages Deficient in CTP:Phosphocholine Cytidyltransferase-1 \pm Are Viable under Normal Culture Conditions but Are Highly Susceptible to Free Cholesterol-induced Death. <i>Journal of Biological Chemistry</i> , 2000, 275, 35368-35376.	1.6	59
65	Localization and regulation of mouse pantothenate kinase 2. <i>FEBS Letters</i> , 2007, 581, 4639-4644.	1.3	59
66	Antimalarial pantothenamide metabolites target acetyl-coenzyme A biosynthesis in <i>Plasmodium falciparum</i> . <i>Science Translational Medicine</i> , 2019, 11, .	5.8	59
67	Compartmentalization of Mammalian Pantothenate Kinases. <i>PLoS ONE</i> , 2012, 7, e49509.	1.1	59
68	Biosynthesis and degradation both contribute to the regulation of coenzyme A content in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1988, 170, 3961-3966.	1.0	58
69	The Association of Lipid Activators with the Amphipathic Helical Domain of CTP:Phosphocholine Cytidyltransferase Accelerates Catalysis by Increasing the Affinity of the Enzyme for CTP. <i>Journal of Biological Chemistry</i> , 1995, 270, 23951-23957.	1.6	58
70	Coenzyme A and its derivatives: renaissance of a textbook classic. <i>Biochemical Society Transactions</i> , 2014, 42, 1025-1032.	1.6	56
71	T Cells Encountering Myeloid Cells Programmed for Amino Acid-dependent Immunosuppression Use Rictor/mTORC2 Protein for Proliferative Checkpoint Decisions. <i>Journal of Biological Chemistry</i> , 2017, 292, 15-30.	1.6	52
72	The antiproliferative effect of hexadecylphosphocholine toward HL60 cells is prevented by exogenous lysophosphatidylcholine. <i>Lipids and Lipid Metabolism</i> , 1998, 1389, 1-12.	2.6	51

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73	Prokaryotic Type II and Type III Pantothenate Kinases: The Same Monomer Fold Creates Dimers with Distinct Catalytic Properties. <i>Structure</i> , 2006, 14, 1251-1261.	1.6	51
74	The specialized unfolded protein response of B lymphocytes: ATF6-independent development of antibody-secreting B cells. <i>Molecular Immunology</i> , 2012, 51, 347-355.	1.0	51
75	Role of Phosphocholine Cytidyltransferase in Lung Development. <i>Molecular and Cellular Biology</i> , 2007, 27, 975-982.	1.1	50
76	Structure of the Type III Pantothenate Kinase from <i>Bacillus anthracis</i> at 2.0 Å Resolution: Implications for Coenzyme A-Dependent Redox Biology. <i>Biochemistry</i> , 2007, 46, 3234-3245.	1.2	50
77	Placental Thrombosis and Spontaneous Fetal Death in Mice Deficient in Ethanolamine Kinase 2. <i>Journal of Biological Chemistry</i> , 2006, 281, 28438-28449.	1.6	49
78	PPAR α controls the intracellular coenzyme A concentration via regulation of PANK1 gene expression. <i>Journal of Lipid Research</i> , 2004, 45, 17-31.	2.0	48
79	Disruption of CCT2 Expression Leads to Gonadal Dysfunction. <i>Molecular and Cellular Biology</i> , 2004, 24, 4720-4733.	1.1	48
80	Altered molecular form of acyl carrier protein associated with beta-ketoacyl-acyl carrier protein synthase II (fabF) mutants. <i>Journal of Bacteriology</i> , 1987, 169, 1469-1473.	1.0	47
81	The Structure of the Pantothenate Kinase-ADP-Pantothenate Ternary Complex Reveals the Relationship between the Binding Sites for Substrate, Allosteric Regulator, and Antimetabolites. <i>Journal of Biological Chemistry</i> , 2004, 279, 35622-35629.	1.6	47
82	Modulation of Pantothenate Kinase 3 Activity by Small Molecules that Interact with the Substrate/Allosteric Regulatory Domain. <i>Chemistry and Biology</i> , 2010, 17, 892-902.	6.2	47
83	Lipid Activation of CTP:Phosphocholine Cytidyltransferase: Characterization and Identification of a Second Activation Domain. <i>Biochemistry</i> , 2001, 40, 494-503.	1.2	46
84	Surface Alterations of the Mouse Zona Pellucida and Ovum following in vivo Fertilization: Correlation with the Cell Cycle. <i>Biology of Reproduction</i> , 1979, 20, 150-161.	1.2	44
85	Structure and Mechanism of CTP:Phosphocholine Cytidyltransferase (LicC) from <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 4343-4350.	1.6	42
86	Lipid metabolism in prokaryotes. <i>New Comprehensive Biochemistry</i> , 1996, 31, 35-74.	0.1	35
87	Induction of Neuron-Specific Degradation of Coenzyme A Models Pantothenate Kinase-Associated Neurodegeneration by Reducing Motor Coordination in Mice. <i>PLoS ONE</i> , 2015, 10, e0130013.	1.1	35
88	A Missense Mutation in the fabB (β -Ketoacyl-Acyl Carrier Protein Synthase I) Gene Confers Thiolactomycin Resistance to <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 1246-1252.	1.4	33
89	Inhibition of CTP:Phosphocholine Cytidyltransferase by C2-Ceramide and Its Relationship to Apoptosis. <i>Molecular Pharmacology</i> , 2002, 62, 1068-1075.	1.0	33
90	Prevalence of Necrosis in C2-Ceramide-Induced Cytotoxicity in NB16 Neuroblastoma Cells. <i>Molecular Pharmacology</i> , 2003, 64, 502-511.	1.0	31

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91	Bacterial Inhibition of Phosphatidylcholine Synthesis Triggers Apoptosis in the Brain. <i>Journal of Experimental Medicine</i> , 2004, 200, 99-106.	4.2	31
92	Expression of Rat CTP:Phosphocholine Cytidylyltransferase in Insect Cells Using a Baculovirus Vector. <i>Archives of Biochemistry and Biophysics</i> , 1993, 301, 114-118.	1.4	29
93	The licC Gene of <i>Streptococcus pneumoniae</i> Encodes a CTP:Phosphocholine Cytidylyltransferase. <i>Journal of Bacteriology</i> , 2001, 183, 4927-4931.	1.0	29
94	Pank1 deletion in leptin-deficient mice reduces hyperglycaemia and hyperinsulinaemia and modifies global metabolism without affecting insulin resistance. <i>Diabetologia</i> , 2014, 57, 1466-1475.	2.9	29
95	Allosteric Regulation of Mammalian Pantothenate Kinase. <i>Journal of Biological Chemistry</i> , 2016, 291, 22302-22314.	1.6	29
96	Human pantothenate kinase 4 is a pseudo-pantothenate kinase. <i>Protein Science</i> , 2019, 28, 1031-1047.	3.1	29
97	Deregulated coenzyme A, loss of metabolic flexibility and diabetes. <i>Biochemical Society Transactions</i> , 2014, 42, 1118-1122.	1.6	28
98	Correction of a genetic deficiency in pantothenate kinase 1 using phosphopantothenate replacement therapy. <i>Molecular Genetics and Metabolism</i> , 2015, 116, 281-288.	0.5	28
99	A High-Throughput Screen Reveals New Small-Molecule Activators and Inhibitors of Pantothenate Kinases. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1563-1568.	2.9	28
100	The gene for murine CTP: Phosphocholine cytidylyltransferase (Ctpct) is located on mouse chromosome 16. <i>Genomics</i> , 1993, 18, 698-701.	1.3	27
101	Chapter 3 Fatty acid and phospholipid metabolism in prokaryotes. <i>New Comprehensive Biochemistry</i> , 2002, 36, 55-92.	0.1	27
102	Uptake and acylation of 2-acyl-lysophospholipids by <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1989, 171, 1203-1205.	1.0	26
103	Role of Calcium-Independent Phospholipases (iPLA2) in Phosphatidylcholine Metabolism. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 600-606.	1.0	26
104	A pantothenate kinase-deficient mouse model reveals a gene expression program associated with brain coenzyme a reduction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165663.	1.8	25
105	Pantothenate Kinase from the Thermoacidophilic Archaeon <i>Picrophilus torridus</i> . <i>Journal of Bacteriology</i> , 2010, 192, 233-241.	1.0	24
106	A Ca ²⁺ -stimulated ATPase activity in rabbit neutrophil membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 558, 348-352.	1.4	23
107	UPR-Mediated Membrane Biogenesis in B Cells. <i>Biochemistry Research International</i> , 2012, 2012, 1-7.	1.5	22
108	coaA and rts are allelic and located at kilobase 3532 on the <i>Escherichia coli</i> physical map. <i>Journal of Bacteriology</i> , 1992, 174, 1705-1706.	1.0	19

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109	Increased unsaturated fatty acid production associated with a suppressor of the fabA6(Ts) mutation in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1996, 178, 5382-5387.	1.0	19
110	Fatty acid metabolism in sn-glycerol-3-phosphate acyltransferase (plsB) mutants. <i>Journal of Bacteriology</i> , 1987, 169, 605-611.	1.0	18
111	CTP:Phosphocholine Cytidyltransferase Is Required for B-cell Proliferation and Class Switch Recombination. <i>Journal of Biological Chemistry</i> , 2009, 284, 6847-6854.	1.6	18
112	Using membrane stress to our advantage. <i>Biochemical Society Transactions</i> , 2007, 35, 498-501.	1.6	16
113	Modulation of CTP:phosphocholine cytidyltransferase by membrane torque tension. <i>Biochemical Society Transactions</i> , 1998, 26, S230-S230.	1.6	13
114	Phosphatidylcholine signaling in response to CSF-1. <i>Molecular Reproduction and Development</i> , 1997, 46, 24-30.	1.0	12
115	Excess coenzyme A reduces skeletal muscle performance and strength in mice overexpressing human PANK2. <i>Molecular Genetics and Metabolism</i> , 2017, 120, 350-362.	0.5	12
116	Rational Design of Novel Therapies for Pantothenate Kinase-Associated Neurodegeneration. <i>Movement Disorders</i> , 2021, 36, 2005-2016.	2.2	12
117	Pantothenate kinase activation relieves coenzyme A sequestration and improves mitochondrial function in mice with propionic acidemia. <i>Science Translational Medicine</i> , 2021, 13, eabf5965.	5.8	12
118	Proposed Therapies for Pantothenate-Kinase-Associated Neurodegeneration. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951985111.	2.3	11
119	[13] 2-Acylglycerophosphoethanolamine acyltransferase/ acyl-[acyl-carrier-protein] synthetase from <i>Escherichia coli</i> . <i>Methods in Enzymology</i> , 1992, 209, 111-117.	0.4	10
120	Probucol therapy overcomes the reproductive defect in CTP: phosphocholine cytidyltransferase knockout mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 845-852.	1.2	9
121	Quantification of Coenzyme A in Cells and Tissues. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	7
122	Transformation by the v-fms oncogene product: An analog of the CSF-1 receptor. <i>Journal of Cellular Biochemistry</i> , 1987, 33, 109-115.	1.2	6
123	Cardiac PANK1 deletion exacerbates ventricular dysfunction during pressure overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H784-H797.	1.5	6
124	Phospholipids and phospholipid metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 469-470.	1.2	4
125	LipE guided discovery of isopropylphenyl pyridazines as pantothenate kinase modulators. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 52, 116504.	1.4	3
126	Proton magnetic resonance spectroscopy detects cerebral metabolic derangement in a mouse model of brain coenzyme a deficiency. <i>Journal of Translational Medicine</i> , 2022, 20, 103.	1.8	3

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127	Chapter 2 Lipid metabolism in procrayotes. <i>New Comprehensive Biochemistry</i> , 1991, 20, 43-85.	0.1	2
128	Membrane biogenesis induced by the unfolded protein response. <i>FASEB Journal</i> , 2008, 22, 410.2.	0.2	2
129	Golgi-mediated secretion requires de novo phospholipid synthesis. <i>Chemistry and Physics of Lipids</i> , 2007, 149, S21.	1.5	0
130	Disruption of the CDP-ethanolamine pathway of phosphatidylethanolamine synthesis activates the transcription of lipogenic genes leading to hepatic steatosis. <i>Chemistry and Physics of Lipids</i> , 2009, 160, S12.	1.5	0
131	Membrane Biogenesis in Bâ€lymphocytes. <i>FASEB Journal</i> , 2006, 20, A947.	0.2	0
132	XBP1(S) and the mechanism of phospholipid biosynthesis. <i>FASEB Journal</i> , 2006, 20, A952.	0.2	0
133	Role of CCTÎ± in Macrophage Secretion. <i>FASEB Journal</i> , 2007, 21, A603.	0.2	0
134	Lipid biosynthesis and the unfolded protein response. <i>FASEB Journal</i> , 2008, 22, 1034.3.	0.2	0
135	The Importance of Being CoA: Generation of a Pank1 Knockout Mouse with Reduced CoA Levels. <i>FASEB Journal</i> , 2008, 22, 643.8.	0.2	0
136	Membrane Lipid Biogenesis in Bâ€lymphocytes. <i>FASEB Journal</i> , 2008, 22, 251.1.	0.2	0
137	Role of CCTÎ± in Bâ€lymphocyte Development from Hematopoietic Stem Cell to Plasma Cell. <i>FASEB Journal</i> , 2008, 22, 643.9.	0.2	0
138	Cytokine secretion requires phosphatidylcholine synthesis. <i>Journal of Experimental Medicine</i> , 2008, 205, i17-i17.	4.2	0
139	Pank1 plays an important role in coenzyme A homeostasis during fasting. <i>FASEB Journal</i> , 2009, 23, 520.2.	0.2	0
140	Lipogenesis by reductive carboxylation is regulated by Bcrâ€Abl signaling. <i>FASEB Journal</i> , 2012, 26, 786.1.	0.2	0