Sonia Cortassa

List of Publications by Year
in descending order

140 papers	7,461 citations	71004 43 h-index	64407 83 g-index
148 all docs	148 docs citations	148 times ranked	8719 citing authors

#	Article	IF	Citations
1	Computational modeling of mitochondrial K+- and H+-driven ATP synthesis. Journal of Molecular and Cellular Cardiology, 2022, 165, 9-18.	0.9	7
2	ATP synthase K+- and H+-fluxes drive ATP synthesis and enable mitochondrial K+-â€œuniporterâ€•function: II. Ion and ATP synthase flux regulation. Function, 2022, 3, zqac001.	1.1	20
3	ATP Synthase K+- and H+-Fluxes Drive ATP Synthesis and Enable Mitochondrial K+-â€œUniporterâ€• Function: I. Characterization of Ion Fluxes. Function, 2022, 3, zqab065.	1.1	25
4	Setting the Record Straight: A New Twist on the Chemiosmotic Mechanism of Oxidative Phosphorylation. Function, 2022, 3, .	1.1	8
5	Age-dependent impact of two exercise training regimens on genomic and metabolic remodeling in skeletal muscle and liver of male mice. , 2022, 8, .		6
6	Mitochondrial Ca2+, redox environment and ROS emission in heart failure: Two sides of the same coin?. Journal of Molecular and Cellular Cardiology, 2021, 151, 113-125.	0.9	24
7	Mitochondrial health is enhanced in rats with higher vs. lower intrinsic exercise capacity and extended lifespan. Npj Aging and Mechanisms of Disease, 2021, 7, 1.	4.5	20
8	From chronology to the biology of aging, and its tuning by mitochondrial health: overview of the Bioenergetics, Mitochondria, and Metabolism subgroup symposium at the 2021 Virtual 65th Annual Meeting of the Biophysical Society. Biophysical Reviews, 2021, 13, 311-314.	1.5	1
9	Metabolic remodelling of glucose, fatty acid and redox pathways in the heart of type 2 diabetic mice. Journal of Physiology, 2020, 598, 1393-1415.	1.3	34
10	K+-Driven ATP Synthesis in Isolated Heart Mitochondria. Biophysical Journal, 2020, 118, 129a.	0.2	1
11	Diabetes Increases the Vulnerability of the Cardiac Mitochondrial Network to Criticality. Frontiers in Physiology, 2020, 11, 175.	1.3	8
12	Mitochondrial ATP Synthase Utilizes Both K+ and H+ Conductances to Drive ATP Synthesis. Biophysical Journal, 2020, 118, 441a.	0.2	1
13	Systems Biology of Control and Regulation of Substrate Selection in Cytoplasmic and Mitochondrial Catabolic Networks. Biophysical Journal, 2019, 116, 132a.	0.2	0
14	Control and Regulation of Substrate Selection in Cytoplasmic and Mitochondrial Catabolic Networks. A Systems Biology Analysis. Frontiers in Physiology, 2019, 10, 201.	1.3	20
15	Systemic Metabolomics and Mitochondrial Energetics in High- Compared to Low-Running Capacity Rats as a Function of Age. Biophysical Journal, 2019, 116, 271a-272a.	0.2	0
16	Nicotinamide Improves Aspects of Healthspan, but Not Lifespan, in Mice. Cell Metabolism, 2018, 27, 667-676.e4.	7.2	242
17	Enhanced Respiratory Reserve Sustained by Lipid Oxidation and Autophagy Underlie Extended Lifespan in High- Compared to Low-Running Capacity Rats. Biophysical Journal, 2018, 114, 661a.	0.2	0
18	Mitochondrial Chaos: Redox-Energetic Behavior at the Edge. Biophysical Journal, 2018, 114, 334a.	0.2	0

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19	High Intrinsic Aerobic Endurance Capacity Preserves Cardiomyocyte Quality Control, Mitochondrial Fitness and Lifespan. Biophysical Journal, 2018, 114, 662a.	0.2	0
20	Mitochondrial chaotic dynamics: Redox-energetic behavior at the edge of stability. Scientific Reports, 2018, 8, 15422.	1.6	22
21	Metabolic and molecular framework for the enhancement of endurance by intermittent food deprivation. FASEB Journal, 2018, 32, 3844-3858.	0.2	45
22	Computational Modeling of Mitochondrial Function from a Systems Biology Perspective. Methods in Molecular Biology, 2018, 1782, 249-265.	0.4	9
23	Temporal metabolic partitioning of the yeast and protist cellular networks: the cell is a global scale-invariant (fractal or self-similar) multioscillator. Journal of Biomedical Optics, 2018, 24, 1.	1.4	11
24	Substrate Selection and Its Impact on Mitochondrial Respiration and Redox. Biological and Medical Physics Series, 2017, , 349-375.	0.3	7
25	Quantitative Modeling of Pyruvate Dehydrogenase and its Impact in Substrate Selection, Mitochondrial Respiration and Redox. Biophysical Journal, 2017, 112, 439a.	0.2	0
26	Mitochondrial Respiration and ROS Emission From Î²-Oxidation in the Heart: An Experimental Computational Study. Biophysical Journal, 2017, 112, 132a.	0.2	0
27	Network dynamics: quantitative analysis of complex behavior in metabolism, organelles, and cells, from experiments to models and back. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2017, 9, e1352.	6.6	38
28	Mitochondrial respiration and ROS emission during Î²-oxidation in the heart: An experimental-computational study. PLoS Computational Biology, 2017, 13, e1005588.	1.5	51
29	Mitochondrial health, the epigenome and healthspan. Clinical Science, 2016, 130, 1285-1305.	1.8	57
30	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	7.2	360
31	Impaired mitochondrial energy supply coupled to increased H2O2 emission under energy/redox stress leads to myocardial dysfunction during TypeÂI diabetes. Clinical Science, 2015, 129, 561-574.	1.8	37
32	Systems Biology of the Fluxome. Processes, 2015, 3, 607-618.	1.3	11
33	Restoring redox balance enhances contractility in heart trabeculae from type 2 diabetic rats exposed to high glucose. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H291-H302.	1.5	42
34	Protective Mechanisms of Mitochondria and Heart Function in Diabetes. Antioxidants and Redox Signaling, 2015, 22, 1563-1586.	2.5	59
35	From Metabolomics to Fluxomics: A Computational Procedure to Translate Metabolite Profiles into Metabolic Fluxes. Biophysical Journal, 2015, 108, 163-172.	0.2	76
36	Reversal of Mitochondrial Transhydrogenase Causes Oxidative Stress in Heart Failure. Cell Metabolism, 2015, 22, 472-484.	7.2	307

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37	Palmitate Re-Directs Glucose Utilization in Type 2 Diabetic Hearts, Improving Function: A Metabolomic-Fluxomic Study. Biophysical Journal, 2015, 108, 315a.	0.2	0
38	Rhythms, Clocks and Deterministic Chaos in Unicellular Organisms. , 2015, , 367-399.		4
39	Biochemistry, Chaotic Dynamics, Noise, and Fractal Space in. , 2015, , 1-22.		0
40	Mitochondrial and cellular mechanisms for managing lipid excess. Frontiers in Physiology, 2014, 5, 282.	1.3	202
41	Complex oscillatory redox dynamics with signaling potential at the edge between normal and pathological mitochondrial function. Frontiers in Physiology, 2014, 5, 257.	1.3	24
42	Mitochondrial Reactive Oxygen Species (ROS) and Arrhythmias. , 2014, , 1047-1076.		4
43	Redox-Optimized ROS Balance and the relationship between mitochondrial respiration and ROS. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 287-295.	0.5	129
44	Effects of Regional Mitochondrial Depolarization on Electrical Propagation. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 143-151.	2.1	60
45	Effect of Isoflurane on Myocardial Energetic and Oxidative Stress in Cardiac Muscle from Zucker Diabetic Fatty Rat. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 21-28.	1.3	7
46	Function of metabolic and organelle networks in crowded and organized media. Frontiers in Physiology, 2014, 5, 523.	1.3	13
47	Dynamics of Mitochondrial Redox and Energy Networks: Insights from an Experimentalâ€“Computational Synergy. Springer Series in Biophysics, 2014, , 115-144.	0.4	4
48	Integrating Mitochondrial Energetics, Redox and ROS Metabolic Networks: A Two-Compartment Model. Biophysical Journal, 2013, 104, 332-343.	0.2	94
49	A Computational Model of Reactive Oxygen Species and Redox Balance in Cardiac Mitochondria. Biophysical Journal, 2013, 105, 1045-1056.	0.2	55
50	Redox-Dependent Differential Optimization of Contractile Work in Cardiac Muscle from Diabetic Rat under Hyperglycemia. Biophysical Journal, 2013, 104, 303a.	0.2	1
51	Integrating Mitochondrial Energetics, Redox and Ros Metabolic Networks: A Two-Compartment Model. Biophysical Journal, 2013, 104, 657a.	0.2	1
52	Aldose Reductase Inhibition or Activation of Transketolase Offset Adverse Metabolic Remodeling Improving Function in Type 2 Diabetes Myocytes Exposed to Hyperglycemia. Biophysical Journal, 2013, 104, 159a.	0.2	1
53	Mechanistic Electron Transport Chain Model Explains ROS Production in Different Respiratory Modes. Biophysical Journal, 2013, 104, 304a-305a.	0.2	0
54	Bioenergetics of Contractile Function in Heart Trabeculae from Diabetic Rats. Biophysical Journal, 2012, 102, 571a.	0.2	1

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55	What yeast and cardiomyocytes share: ultradian oscillatory redox mechanisms of cellular coherence and survival. Integrative Biology (United Kingdom), 2012, 4, 65-74.	0.6	33
56	Glutathione/thioredoxin systems modulate mitochondrial H2O2 emission: An experimental-computational study. Journal of General Physiology, 2012, 139, 479-491.	0.9	180
57	Mitochondrial network energetics in the heart. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2012, 4, 599-613.	6.6	25
58	Evidence for Chaos in Mitochondrial Dynamics. Biophysical Journal, 2012, 102, 572a.	0.2	0
59	GSH or Palmitate Preserves Mitochondrial Energetic/Redox Balance, Preventing Mechanical Dysfunction in Metabolically Challenged Myocytes/Hearts From Type 2 Diabetic Mice. Diabetes, 2012, 61, 3094-3105.	0.3	77
60	Computational Modeling of Mitochondrial Function. Methods in Molecular Biology, 2012, 810, 311-326.	0.4	21
61	Sodium Effects on Calcium Dynamics in Mitochondrial ion Circuits. Biophysical Journal, 2011, 100, 461a.	0.2	0
62	Regional Mitochondrial Depolarization Causes Spontaneous Ventricular Arrhythmia in Cardiac Tissue. Biophysical Journal, 2011, 100, 435a-436a.	0.2	0
63	Mitochondrial Energetics, pH Regulation, and Ion Dynamics: AÂComputational-Experimental Approach. Biophysical Journal, 2011, 100, 2894-2903.	0.2	63
64	Alterations in Mitochondrial State 4â†'3 Transition Underlie Stress-InducedÂEnergetic-Redox Imbalance and Myocyte Dysfunction in Diabetic Mice. Biophysical Journal, 2011, 100, 292a.	0.2	0
65	Mitochondrial Ca2+ influx and efflux rates in guinea pig cardiac mitochondria:Low and high affinity effects of cyclosporine A. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1373-1381.	1.9	51
66	Integrative modeling of the cardiac ventricular myocyte. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2011, 3, 392-413.	6.6	30
67	Metabolic control analysis applied to mitochondrial networks. , 2011, 2011, 4673-6.		1
68	Energetic performance is improved by specific activation of K+ fluxes through KCa channels in heart mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 71-80.	0.5	81
69	Redox-optimized ROS balance: A unifying hypothesis. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 865-877.	0.5	316
70	Redox-optimized mitochondrial ROS balance. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 3.	0.5	0
71	A Reaction-Diffusion Model of ROS-Induced ROS Release in a Mitochondrial Network. PLoS Computational Biology, 2010, 6, e1000657.	1.5	131
72	Calcium sensitivity, force frequency relationship and cardiac troponin I: Critical role of PKA and PKC phosphorylation sites. Journal of Molecular and Cellular Cardiology, 2010, 48, 943-953.	0.9	48

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73	Calcium Sensitivity, Force Frequency Relation and Cardiac Troponin I: Critical Role of PKA and PKC Phosphorylation Sites. Biophysical Journal, 2010, 98, 356a.	0.2	0
74	Altered Mitochondrial Energetics and Increased ROS Generation Act Synergistically to Dampen Î²-Adrenergic Stimulated Contractility in the Diabetic Heart. Biophysical Journal, 2010, 98, 549a.	0.2	0
75	Control and Regulation of Integrated Mitochondrial Function in Metabolic and Transport Networks. International Journal of Molecular Sciences, 2009, 10, 1500-1513.	1.8	25
76	From mitochondrial dynamics to arrhythmias. International Journal of Biochemistry and Cell Biology, 2009, 41, 1940-1948.	1.2	106
77	Control and Regulation of Mitochondrial Energetics in an Integrated Model of Cardiomyocyte Function. Biophysical Journal, 2009, 96, 2466-2478.	0.2	70
78	Modeling Cardiac Action Potential Shortening Driven by Oxidative Stress-Induced Mitochondrial Oscillations in Guinea Pig Cardiomyocytes. Biophysical Journal, 2009, 97, 1843-1852.	0.2	77
79	Control and Regulation of Mitochondrial Energetics in an Integrated Model of Cardiomyocyte Function. Biophysical Journal, 2009, 96, 242a.	0.2	0
80	Energetic Performance is Improved by Specific Activation of K+ Fluxes through KCa Channels in Heart Mitochondria. Biophysical Journal, 2009, 96, 476a.	0.2	0
81	Mitochondrial Energetics During Transients Following Substrate And Ca2+ Additions. Modeling And Experimental Studies. Biophysical Journal, 2009, 96, 243a-244a.	0.2	0
82	Effects Of Mitochondrial Depolarization On Cardiac Electrical Activity In An Integrated Multiscale Model Of The Myocardium. Biophysical Journal, 2009, 96, 663a-664a.	0.2	1
83	Biochemistry, Chaotic Dynamics, Noise, and Fractal Space in. , 2009, , 476-489.		7
84	Is There a Mitochondrial Clock?. , 2008, , 129-144.		5
85	From mitochondrial ion channels to arrhythmias in the heart: computational techniques to bridge the spatio-temporal scales. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2008, 366, 3381-3409.	1.6	126
86	The Scale-Free Dynamics of Eukaryotic Cells. PLoS ONE, 2008, 3, e3624.	1.1	66
87	Mitochondrial Oscillations in Physiology and Pathophysiology. Advances in Experimental Medicine and Biology, 2008, 641, 98-117.	0.8	113
88	Sequential Opening of Mitochondrial Ion Channels as a Function of Glutathione Redox Thiol Status. Journal of Biological Chemistry, 2007, 282, 21889-21900.	1.6	185
89	Single and cell population respiratory oscillations in yeast: A 2-photon scanning laser microscopy study. FEBS Letters, 2007, 581, 8-14.	1.3	50
90	Diallyl disulphide depletes glutathione inCandida albicans: oxidative stress-mediated cell death studied by two-photon microscopy. Yeast, 2007, 24, 695-706.	0.8	69

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91	Mitochondrial Ion Channels in Cardiac Function and Dysfunction. Novartis Foundation Symposium, 2007, 287, 140-156.	1.2	18
92	A Computational Model Integrating Electrophysiology, Contraction, and Mitochondrial Bioenergetics in the Ventricular Myocyte. Biophysical Journal, 2006, 91, 1564-1589.	0.2	198
93	The Fundamental Organization of Cardiac Mitochondria as a Network of Coupled Oscillators. Biophysical Journal, 2006, 91, 4317-4327.	0.2	121
94	Mitochondrial criticality: A new concept at the turning point of life or death. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 232-240.	1.8	135
95	Fluorescent measurement of the intracellular pH during sporulation of Saccharomyces cerevisiae. FEMS Microbiology Letters, 2006, 153, 17-23.	0.7	6
96	Elevated Cytosolic Na + Decreases Mitochondrial Ca 2+ Uptake During Excitation-Contraction Coupling and Impairs Energetic Adaptation in Cardiac Myocytes. Circulation Research, 2006, 99, 172-182.	2.0	335
97	Mitochondrial Ion Channels: Gatekeepers of Life and Death. Physiology, 2005, 20, 303-315.	1.6	218
98	Using models of the myocyte for functional interpretation of cardiac proteomic data. Journal of Physiology, 2005, 563, 73-81.	1.3	19
99	Allyl alcohol and garlic (Allium sativum) extract produce oxidative stress in Candida albicans. Microbiology (United Kingdom), 2005, 151, 3257-3265.	0.7	83
100	Percolation and criticality in a mitochondrial network. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4447-4452.	3.3	216
101	The fractal architecture of cytoplasmic organization: Scaling, kinetics and emergence in metabolic networks. Molecular and Cellular Biochemistry, 2004, 256, 169-184.	1.4	49
102	A Mitochondrial Oscillator Dependent on Reactive Oxygen Species. Biophysical Journal, 2004, 87, 2060-2073.	0.2	206
103	Ultrasensitive behavior in the synthesis of storage polysaccharides in cyanobacteria. Planta, 2003, 216, 969-975.	1.6	35
104	An Integrated Model of Cardiac Mitochondrial Energy Metabolism and Calcium Dynamics. Biophysical Journal, 2003, 84, 2734-2755.	0.2	345
105	Synchronized Whole Cell Oscillations in Mitochondrial Metabolism Triggered by a Local Release of Reactive Oxygen Species in Cardiac Myocytes. Journal of Biological Chemistry, 2003, 278, 44735-44744.	1.6	476
106	Coherent and robust modulation of a metabolic network by cytoskeletal organization and dynamics. Biophysical Chemistry, 2002, 97, 213-231.	1.5	29
107	I. Spatio-temporal patterns of soil microbial and enzymatic activities in an agricultural soil. Applied Soil Ecology, 2001, 18, 239-254.	2.1	136
108	Why Homeodynamics, Not Homeostasis?. Scientific World Journal, The, 2001, 1, 133-145.	0.8	115

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109	Involvement of Nitrogen Metabolism in the Triggering of Ethanol Fermentation in Aerobic Chemostat Cultures of Saccharomyces cerevisiae. Metabolic Engineering, 2001, 3, 250-264.	3.6	23
110	ULTRASENSITIVITY IN (SUPRA)MOLECULARLY ORGANIZED AND CROWDED ENVIRONMENTS. Cell Biology International, 2001, 25, 1091-1099.	1.4	17
111	Measurement of the glycogen synthetic pathway in permeabilized cells of cyanobacteria. FEMS Microbiology Letters, 2001, 194, 7-11.	0.7	12
112	A METHOD FOR QUANTIFYING RATES OF O2 CONSUMPTION AND CO2 PRODUCTION IN SOIL. Soil Science, 2001, 166, 68-77.	0.9	15
113	Dynamics of metabolism and its interactions with gene expression during sporulation in Saccharomyces cerevisiae. Advances in Microbial Physiology, 2000, 43, 75-115.	1.0	3
114	CHAOTIC DYNAMICS AND FRACTAL SPACE IN BIOCHEMISTRY: SIMPLICITY UNDERLIES COMPLEXITY. Cell Biology International, 2000, 24, 581-587.	1.4	35
115	Effects of Stress on Cellular Infrastructure and Metabolic Organization in Plant Cells. International Review of Cytology, 1999, 194, 239-273.	6.2	31
116	Quantitation of the Effects of Disruption of Catabolite (De)Repression Genes on the Cell Cycle Behavior of Saccharomyces cerevisiae. Current Microbiology, 1999, 38, 57-60.	1.0	8
117	Catabolite repression mutants ofSaccharomyces cerevisiae show altered fermentative metabolism as well as cell cycle behavior in glucose-limited chemostat cultures. , 1998, 59, 203-213.		20
118	The onset of fermentative metabolism in continuous cultures depends on the catabolite repression properties of saccharomyces cerevisiae. Enzyme and Microbial Technology, 1998, 22, 705-712.	1.6	17
119	Modulation of sporulation and metabolic fluxes in Saccharomyces cerevisiae by 2 deoxy glucose. Antonie Van Leeuwenhoek, 1997, 72, 283-290.	0.7	6
120	Distributed control of the glycolytic flux in wild-type cells and catabolite repression mutants of Saccharomyces cerevisiae growing in carbon-limited chemostat cultures. Enzyme and Microbial Technology, 1997, 21, 596-602.	1.6	19
121	Metabolic Fluxes Regulate the Success of Sporulation inSaccharomyces cerevisiae. Experimental Cell Research, 1996, 222, 157-162.	1.2	7
122	Heterogeneous distribution and organization of cytoskeletal proteins drive differential modulation of metabolic fluxes. , 1996, 60, 271-278.		10
123	Metabolic rates during sporulation of Saccharomyces cerevisiae on acetate. Antonie Van Leeuwenhoek, 1996, 69, 257-265.	0.7	4
124	Fluxes of carbon, phosphorylation, and redox intermediates during growth ofsaccharomyces cerevisiae on different carbon sources. Biotechnology and Bioengineering, 1995, 47, 193-208.	1.7	86
125	Cell growth and differentiation from the perspective of dynamical organization of cellular and subcellular processes. Progress in Biophysics and Molecular Biology, 1995, 64, 55-79.	1.4	7
126	Carbon and Energetic Uncoupling Are Associated with Block of Division at Different Stages of the Cell Cycle in Several cdc Mutants of Saccharomyces cerevisiae. Experimental Cell Research, 1995, 217, 42-51.	1.2	15

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127	Spatio-temporal regulation of glycolysis and oxidative phosphorylation in vivo in tumor and yeast cells.. Cell Biology International, 1994, 18, 687-714.	1.4	23
128	Microtubular protein in its polymerized or nonpolymerized states differentially modulates in vitro and intracellular fluxes catalyzed by enzymes of carbon metabolism. Journal of Cellular Biochemistry, 1994, 55, 120-132.	1.2	30
129	Metabolic control analysis of glycolysis and branching to ethanol production in chemostat cultures of Saccharomyces cerevisiae under carbon, nitrogen, or phosphate limitations. Enzyme and Microbial Technology, 1994, 16, 761-770.	1.6	32
130	On the fractal nature of cytoplasm. FEBS Letters, 1994, 344, 1-4.	1.3	39
131	Altered topoisomerase activities may be involved in the regulation of DNA supercoiling in aerobic-anaerobic transitions inEscherichia coli. Molecular and Cellular Biochemistry, 1993, 126, 115-124.	1.4	18
132	An allometric interpretation of the spatio-temporal organization of molecular and cellular processes. Molecular and Cellular Biochemistry, 1993, 120, 1-13.	1.4	9
133	Fractal Organisation in Biological Macromolecular Lattices. Journal of Biomolecular Structure and Dynamics, 1992, 9, 1013-1024.	2.0	19
134	Linear nonequilibrium thermodynamics describes the dynamics of an autocatalytic system. Biophysical Journal, 1991, 60, 794-803.	0.2	34
135	Thermodynamic evaluation of energy metabolism in mixed substrate catabolism: Modeling studies of stationary and oscillatory states. Biotechnology and Bioengineering, 1991, 37, 197-204.	1.7	5
136	Thermodynamic and kinetic studies of a stoichiometric model of energetic metabolism under starvation conditions. FEMS Microbiology Letters, 1990, 66, 249-255.	0.7	12
137	Dynamical and hierarchical coupling. Biochimica Et Biophysica Acta - Bioenergetics, 1990, 1018, 142-146.	0.5	23
138	The regulation of plant cell growth: A bio-electromechanochemical model. Journal of Theoretical Biology, 1989, 138, 429-456.	0.8	8
139	Effect of phospholipids on the activity of sialosyl lactosylceramide (GM3): N-acetylgalactosaminyl transferase from chick embryo brain. Molecular and Cellular Biochemistry, 1989, 85, 9-17.	1.4	0
140	On the Network Properties of Mitochondria. , 0, , 111-135.		18