

Peter Bross

List of Publications by Year in descending order

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123
papers

6,996
citations

50244

46
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66879

78
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125
all docs

125
docs citations

125
times ranked

7277
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-cardiac actin is a novel disease gene in familial hypertrophic cardiomyopathy. Journal of Clinical Investigation, 1999, 103, R39-R43.	3.9	353
2	Hereditary Spastic Paraplegia SPG13 Is Associated with a Mutation in the Gene Encoding the Mitochondrial Chaperonin Hsp60. American Journal of Human Genetics, 2002, 70, 1328-1332.	2.6	347
3	Clear Correlation of Genotype with Disease Phenotype in Very-Long-Chain Acyl-CoA Dehydrogenase Deficiency. American Journal of Human Genetics, 1999, 64, 479-494.	2.6	285
4	Protein Misfolding and Human Disease. Annual Review of Genomics and Human Genetics, 2006, 7, 103-124.	2.5	258
5	Medium-Chain Acyl-CoA Dehydrogenase (MCAD) Mutations Identified by MS/MS-Based Prospective Screening of Newborns Differ from Those Observed in Patients with Clinical Symptoms: Identification and Characterization of a New, Prevalent Mutation That Results in Mild MCAD Deficiency*. American Journal of Human Genetics, 2001, 68, 1408-1418.	2.6	219
6	Clear relationship between ETF/ETFDH genotype and phenotype in patients with multiple acyl-CoA dehydrogenation deficiency. Human Mutation, 2003, 22, 12-23.	1.1	196
7	Mitochondrial Hsp60 Chaperonopathy Causes an Autosomal-Recessive Neurodegenerative Disorder Linked to Brain Hypomyelination and Leukodystrophy. American Journal of Human Genetics, 2008, 83, 30-42.	2.6	195
8	Protein misfolding and degradation in genetic diseases. , 1999, 14, 186-198.		184
9	Mutation analysis in mitochondrial fatty acid oxidation defects: Exemplified by acyl-CoA dehydrogenase deficiencies, with special focus on genotype-phenotype relationship. Human Mutation, 2001, 18, 169-189.	1.1	178
10	Genomic structure of the human mitochondrial chaperonin genes: HSP60 and HSP10 are localised head to head on chromosome 2 separated by a bidirectional promoter. Human Genetics, 2003, 112, 71-77.	1.8	131
11	Protein Misfolding and Cellular Stress: An Overview. Methods in Molecular Biology, 2010, 648, 3-23.	0.4	129
12	Mitochondrial fatty acid oxidation defectsâ€”remaining challenges. Journal of Inherited Metabolic Disease, 2008, 31, 643-657.	1.7	123
13	The Molecular Basis of Medium-Chain Acyl-CoA Dehydrogenase (MCAD) Deficiency in Compound Heterozygous Patients: Is There Correlation between Genotype and Phenotype?. Human Molecular Genetics, 1997, 6, 695-707.	1.4	119
14	Dissection of functional domains in phage fd adsorption protein. Journal of Molecular Biology, 1990, 212, 143-149.	2.0	115
15	Identification of four new mutations in the short-chain acyl-CoA dehydrogenase (SCAD) gene in two patients: one of the variant alleles, 511C->T, is present at an unexpectedly high frequency in the general population, as was the case for 625G->A, together conferring susceptibility to ethylmalonic aciduria. Human Molecular Genetics, 1998, 7, 619-627.	1.4	109
16	Cloning and characterization of human very-long-chain acyl-CoA dehydrogenase cDNA, chromosomal assignment of the gene and identification in four patients of nine different mutations within the VLCAD gene [published erratum appears in Hum Mol Genet 1996 Sep;5(9):1390]. Human Molecular Genetics, 1996, 5, 461-472.	1.4	106
17	The ACADS gene variation spectrum in 114 patients with short-chain acyl-CoA dehydrogenase (SCAD) deficiency is dominated by missense variations leading to protein misfolding at the cellular level. Human Genetics, 2008, 124, 43-56.	1.8	101
18	Leptin regulation of Hsp60 impacts hypothalamic insulin signaling. Journal of Clinical Investigation, 2013, 123, 4667-4680.	3.9	101

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19	Influence of Lewis $\hat{\pm}$ 1-3/4-L-Fucosyltransferase (FUT3) Gene Mutations on Enzyme Activity, Erythrocyte Phenotyping, and Circulating Tumor Marker Sialyl-Lewis a Levels. <i>Journal of Biological Chemistry</i> , 1996, 271, 32260-32268.	1.6	94
20	Riboflavin Deficiencyâ€™ Implications for General Human Health and Inborn Errors of Metabolism. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3847.	1.8	92
21	Ethylmalonic Aciduria Is Associated with an Amino Acid Variant of Short Chain Acyl-Coenzyme A Dehydrogenase. <i>Pediatric Research</i> , 1996, 39, 1059-1066.	1.1	92
22	Genetic defects in fatty acid beta-oxidation and acyl-CoA dehydrogenases. Molecular pathogenesis and genotype-phenotype relationships. <i>FEBS Journal</i> , 2004, 271, 470-482.	0.2	86
23	Inactivation of the hereditary spastic paraplegia-associated Hspd1 gene encoding the Hsp60 chaperone results in early embryonic lethality in mice. <i>Cell Stress and Chaperones</i> , 2010, 15, 851-863.	1.2	83
24	The Hsp60-(p.V98I) Mutation Associated with Hereditary Spastic Paraplegia SPG13 Compromises Chaperonin Function Both in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2008, 283, 15694-15700.	1.6	80
25	Molecular mechanisms of riboflavin responsiveness in patients with ETF-QO variations and multiple acyl-CoA dehydrogenation deficiency. <i>Human Molecular Genetics</i> , 2012, 21, 3435-3448.	1.4	80
26	Effects of Two Mutations Detected in Medium Chain Acyl-CoA Dehydrogenase (MCAD)-deficient Patients on Folding, Oligomer Assembly, and Stability of MCAD Enzyme. <i>Journal of Biological Chemistry</i> , 1995, 270, 10284-10290.	1.6	79
27	Isolated 2-Methylbutyrylglycinuria Caused by Short/Branched-Chain Acyl-CoA Dehydrogenase Deficiency: Identification of a New Enzyme Defect, Resolution of Its Molecular Basis, and Evidence for Distinct Acyl-CoA Dehydrogenases in Isoleucine And Valine Metabolism. <i>American Journal of Human Genetics</i> , 2000, 67, 1095-1103.	2.6	79
28	Medium-Chain Acyl-CoA Dehydrogenase (MCAD) Deficiency: The Prevalent Mutation G985 (K304E) Is Subject to a Strong Founder Effect from Northwestern Europe. <i>Human Heredity</i> , 1993, 43, 342-350.	0.4	75
29	Misfolding, Degradation, and Aggregation of Variant Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 47449-47458.	1.6	74
30	Decreased expression of the mitochondrial matrix proteases Lon and ClpP in cells from a patient with hereditary spastic paraplegia (SPG13). <i>Neuroscience</i> , 2008, 153, 474-482.	1.1	74
31	Emerging Roles for Riboflavin in Functional Rescue of Mitochondrial β-Oxidation Flavoenzymes. <i>Current Medicinal Chemistry</i> , 2010, 17, 3842-3854.	1.2	73
32	Actin mutations in hypertrophic and dilated cardiomyopathy cause inefficient protein folding and perturbed filament formation. <i>FEBS Journal</i> , 2005, 272, 2037-2049.	2.2	71
33	A human homologue of Escherichia coli ClpP caseinolytic protease: recombinant expression, intracellular processing and subcellular localization. <i>Biochemical Journal</i> , 1998, 331, 309-316.	1.7	67
34	Role of Flavinylation in a Mild Variant of Multiple Acyl-CoA Dehydrogenation Deficiency. <i>Journal of Biological Chemistry</i> , 2009, 284, 4222-4229.	1.6	67
35	Molecular characterization of medium-chain acyl-CoA dehydrogenase (MCAD) deficiency: identification of a lys329 to glu mutation in the MCAD gene, and expression of inactive mutant enzyme protein in E. coli. <i>Human Genetics</i> , 1991, 86, 545-51.	1.8	66
36	Reduced heat shock response in human mononuclear cells during aging and its association with polymorphisms in HSP70 genes. <i>Cell Stress and Chaperones</i> , 2006, 11, 208.	1.2	66

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37	The role of chaperone-assisted folding and quality control in inborn errors of metabolism: Protein folding disorders. <i>Journal of Inherited Metabolic Disease</i> , 2001, 24, 189-212.	1.7	65
38	Co-overexpression of bacterial GroESL chaperonins partly overcomes non-productive folding and tetramer assembly of E. coli-expressed human medium-chain acyl-CoA dehydrogenase (MCAD) carrying the prevalent disease-causing K304E mutation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1993, 1182, 264-274.	1.8	64
39	CLPB Variants Associated with Autosomal-Recessive Mitochondrial Disorder with Cataract, Neutropenia, Epilepsy, and Methylglutaconic Aciduria. <i>American Journal of Human Genetics</i> , 2015, 96, 258-265.	2.6	58
40	Medium-Long-Chain Chimeric Human Acyl-CoA Dehydrogenase: A Medium-Chain Enzyme with the Active Center Base Arrangement of Long-Chain Acyl-CoA Dehydrogenase. <i>Biochemistry</i> , 1996, 35, 12402-12411.	1.2	54
41	Protein Misfolding, Aggregation, and Degradation in Disease<SUP>. <i>Molecular Biotechnology</i> , 2005, 31, 141-150.	1.3	54
42	Defective folding and rapid degradation of mutant proteins is a common disease mechanism in genetic disorders. <i>Journal of Inherited Metabolic Disease</i> , 2000, 23, 441-447.	1.7	52
43	A novel mutation in the HSPD1 gene in a patient with hereditary spastic paraplegia. <i>Journal of Neurology</i> , 2007, 254, 897-900.	1.8	51
44	A Cellular Viability Assay to Monitor Drug Toxicity. <i>Methods in Molecular Biology</i> , 2010, 648, 303-311.	0.4	51
45	The Hsp60 folding machinery is crucial for manganese superoxide dismutase folding and function. <i>Free Radical Research</i> , 2014, 48, 168-179.	1.5	50
46	Rapid Degradation of Short-chain Acyl-CoA Dehydrogenase Variants with Temperature-sensitive Folding Defects Occurs after Import into Mitochondria. <i>Journal of Biological Chemistry</i> , 1998, 273, 13065-13071.	1.6	48
47	Quantitative Proteomics Reveals Cellular Targets of Celastrol. <i>PLoS ONE</i> , 2011, 6, e26634.	1.1	48
48	Human ClpP protease: cDNA sequence, tissue-specific expression and chromosomal assignment of the gene. <i>FEBS Letters</i> , 1995, 377, 249-252.	1.3	47
49	Grp78 Is Involved in Retention of Mutant Low Density Lipoprotein Receptor Protein in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2000, 275, 33861-33868.	1.6	47
50	Clinical and genetic characteristics of A cardiac actin gene mutations in hypertrophic cardiomyopathy. <i>Journal of Medical Genetics</i> , 2004, 41, 10e-10.	1.5	46
51	Disease-Associated Mutations in the HSPD1 Gene Encoding the Large Subunit of the Mitochondrial HSP60/HSP10 Chaperonin Complex. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 49.	1.6	46
52	Late onset motoneuron disorder caused by mitochondrial Hsp60 chaperone deficiency in mice. <i>Neurobiology of Disease</i> , 2013, 54, 12-23.	2.1	44
53	Proteomics of human mitochondria. <i>Mitochondrion</i> , 2017, 33, 2-14.	1.6	44
54	Heat-Shock Protein 70 Genes and Human Longevity: A View from Denmark. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 301-308.	1.8	43

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55	Molecular Chaperone Disorders: Defective Hsp60 in Neurodegeneration. <i>Current Topics in Medicinal Chemistry</i> , 2013, 12, 2491-2503.	1.0	43
56	Structural organization of the human short-chain acyl-CoA dehydrogenase gene. <i>Mammalian Genome</i> , 1997, 8, 922-926.	1.0	42
57	Electron transfer flavoprotein and its role in mitochondrial energy metabolism in health and disease. <i>Gene</i> , 2021, 776, 145407.	1.0	42
58	The mutational spectrum in very long-chain acyl-CoA dehydrogenase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 1996, 19, 169-172.	1.7	40
59	Assessing the relative importance of the biophysical properties of amino acid substitutions associated with human genetic disease. <i>Human Mutation</i> , 2002, 20, 98-109.	1.1	39
60	Enhanced genome editing in mammalian cells with a modified dual-fluorescent surrogate system. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2543-2563.	2.4	39
61	Effects of a Mutation in the HSPE1 Gene Encoding the Mitochondrial Co-chaperonin HSP10 and Its Potential Association with a Neurological and Developmental Disorder. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 65.	1.6	38
62	Prevalent mutations in fatty acid oxidation disorders: diagnostic considerations. <i>European Journal of Pediatrics</i> , 2000, 159, S213-S218.	1.3	37
63	Mitochondrial proteomics on human fibroblasts for identification of metabolic imbalance and cellular stress. <i>Proteome Science</i> , 2009, 7, 20.	0.7	37
64	Misfolding of short-chain acyl-CoA dehydrogenase leads to mitochondrial fission and oxidative stress. <i>Molecular Genetics and Metabolism</i> , 2010, 100, 155-162.	0.5	37
65	Human and mouse mitochondrial orthologs of bacterial ClpX. <i>Mammalian Genome</i> , 2000, 11, 899-905.	1.0	36
66	Down-regulation of Hsp60 expression by RNAi impairs folding of medium-chain acyl-CoA dehydrogenase wild-type and disease-associated proteins. <i>Molecular Genetics and Metabolism</i> , 2005, 85, 260-270.	0.5	36
67	Cofactors and metabolites as potential stabilizers of mitochondrial acyl-CoA dehydrogenases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1658-1663.	1.8	36
68	Truncating Plakophilin-2 Mutations in Arrhythmogenic Cardiomyopathy Are Associated With Protein Haploinsufficiency in Both Myocardium and Epidermis. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 230-240.	5.1	36
69	Expression of transforming growth factor alpha and epidermal growth factor receptor in human bladder cancer. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1999, 59, 267-277.	0.6	35
70	The C-terminal N-glycosylation sites of the human $\hat{A}1,3/4$ -fucosyltransferase III, -V, and -VI (hFucTIII, -V and -VI) are involved in the stability and activity of the enzyme. <i>Journal of Biological Chemistry</i> , 2000, 275, 11300-11306.	1.3	35
71	Metformin targets brown adipose tissue in vivo and reduces oxygen consumption in vitro. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2264-2273.	2.2	35
72	MCAD deficiency in Denmark. <i>Molecular Genetics and Metabolism</i> , 2012, 106, 175-188.	0.5	33

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73	Identification of Elements That Dictate the Specificity of Mitochondrial Hsp60 for Its Co-Chaperonin. PLoS ONE, 2012, 7, e50318.	1.1	32
74	Protein expression studies of desmoplakin mutations in cardiomyopathy patients reveal different molecular disease mechanisms. Clinical Genetics, 2013, 84, 20-30.	1.0	32
75	Mutated Desmoglein-2 Proteins are Incorporated into Desmosomes and Exhibit Dominant-Negative Effects in Arrhythmogenic Right Ventricular Cardiomyopathy. Human Mutation, 2013, 34, 697-705.	1.1	30
76	The Y42H mutation in medium-chain acyl-CoA dehydrogenase, which is prevalent in babies identified by MS/MS-based newborn screening, is temperature sensitive. FEBS Journal, 2004, 271, 4053-4063.	0.2	29
77	Association Between Low Self-Rated Health and Heterozygosity for -110A > C Polymorphism in the Promoter Region of HSP70-1 in Aged Danish Twins. Biogerontology, 2004, 5, 169-176.	2.0	29
78	Single-nucleotide variations in the genes encoding the mitochondrial Hsp60/Hsp10 chaperone system and their disease-causing potential. Journal of Human Genetics, 2007, 52, 56-65.	1.1	29
79	Biochemical Characterization of Purified, Human Recombinant Lys304Glu Medium-Chain Acyl-Coa Dehydrogenase Containing the Common Disease-Causing Mutation and Comparison with the Normal Enzyme. FEBS Journal, 1997, 246, 548-556.	0.2	27
80	APD-Containing Cyclolipopeptides Target Mitochondrial Function in Hypoxic Cancer Cells. Cell Chemical Biology, 2018, 25, 1337-1349.e12.	2.5	27
81	Expression of wild-type and mutant medium-chain acyl-CoA dehydrogenase (MCAD) cDNA in eucaryotic cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1992, 1180, 65-72.	1.8	26
82	Prenatal diagnosis of medium-chain acyl-CoA dehydrogenase (MCAD) deficiency in a family with a previous fatal case of sudden unexpected death in childhood. Prenatal Diagnosis, 1995, 15, 82-86.	1.1	24
83	Proteomic investigation of cultivated fibroblasts from patients with mitochondrial short-chain acyl-CoA dehydrogenase deficiency. Molecular Genetics and Metabolism, 2014, 111, 360-368.	0.5	24
84	Anti-Inflammatory Heat Shock Protein 70 Genes are Positively Associated with Human Survival. Current Pharmaceutical Design, 2010, 16, 796-801.	0.9	23
85	The LMNA mutation p.Arg321Ter associated with dilated cardiomyopathy leads to reduced expression and a skewed ratio of lamin A and lamin C proteins. Experimental Cell Research, 2013, 319, 3010-3019.	1.2	23
86	Comparison between medium-chain acyl-CoA dehydrogenase mutant proteins overexpressed in bacterial and mammalian cells. Human Mutation, 1995, 6, 226-231.	1.1	21
87	A Polymorphic Variant in the Human Electron Transfer Flavoprotein $\hat{\pm}$ -Chain ($\hat{\pm}$ -T171) Displays Decreased Thermal Stability and Is Overrepresented in Very-Long-Chain acyl-CoA Dehydrogenase-Deficient Patients with Mild Childhood Presentation. Molecular Genetics and Metabolism, 1999, 67, 138-147.	0.5	21
88	Mutational hotspots in electron transfer flavoprotein underlie defective folding and function in multiple acyl-CoA dehydrogenase deficiency. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 1070-1077.	1.8	21
89	Do lamin A and lamin C have unique roles?. Chromosoma, 2015, 124, 1-12.	1.0	21
90	Mitochondrial Spare Respiratory Capacity Is Negatively Correlated with Nuclear Reprogramming Efficiency. Stem Cells and Development, 2017, 26, 166-176.	1.1	21

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91	Amino acid polymorphism (Gly209Ser) in the ACADS gene. <i>Human Molecular Genetics</i> , 1994, 3, 1711-1711.	1.4	19
92	Ethylmalonic Encephalopathy ETHE1 R163W/R163Q Mutations Alter Protein Stability and Redox Properties of the Iron Centre. <i>PLoS ONE</i> , 2014, 9, e107157.	1.1	19
93	An inventory of interactors of the human HSP60/HSP10 chaperonin in the mitochondrial matrix space. <i>Cell Stress and Chaperones</i> , 2020, 25, 407-416.	1.2	18
94	Sequence variants in SPAST, SPG3A and HSPD1 in hereditary spastic paraplegia. <i>Journal of the Neurological Sciences</i> , 2009, 284, 90-95.	0.3	17
95	A polymorphic position in electron transfer flavoprotein modulates kinetic stability as evidenced by thermal stress. <i>FEBS Letters</i> , 2011, 585, 505-510.	1.3	16
96	The adsorption protein of phage IKe. Localization by deletion mutagenesis of domains involved in infectivity. <i>Molecular Microbiology</i> , 1992, 6, 471-478.	1.2	15
97	A cell model to study different degrees of Hsp60 deficiency in HEK293 cells. <i>Cell Stress and Chaperones</i> , 2011, 16, 633-640.	1.2	14
98	Deficiency of the mitochondrial sulfide regulator ETHE1 disturbs cell growth, glutathione level and causes proteome alterations outside mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 126-135.	1.8	14
99	Release of periplasmic proteins induced in <i>E. coli</i> by expression of an N-terminal proximal segment of the phage fd gene 3 protein. <i>FEBS Letters</i> , 1991, 280, 27-31.	1.3	13
100	Glycosylation of the N-terminal potential N-glycosylation sites in the human alpha1,3-fucosyltransferase V and -VI (hFucTV and -VI). <i>Glycoconjugate Journal</i> , 2000, 17, 859-865.	1.4	13
101	Characterization of Wild-Type Human Medium-Chain Acyl-CoA Dehydrogenase (MCAD) and Mutant Enzymes Present in MCAD-Deficient Patients by Two-Dimensional Gel Electrophoresis: Evidence for Posttranslational Modification of the Enzyme. <i>Biochemical Medicine and Metabolic Biology</i> , 1994, 52, 36-44.	0.7	12
102	Impaired Folding and Subunit Assembly as Disease Mechanism: The Example of Medium-Chain acyl-CoA Dehydrogenase Deficiency. <i>Progress in Molecular Biology and Translational Science</i> , 1997, 58, 301-337.	1.9	12
103	Differential degradation of variant medium-chain acyl-CoA dehydrogenase by the protein quality control proteases Lon and ClpXP. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1160-1170.	1.0	12
104	Selected reaction monitoring as an effective method for reliable quantification of disease-associated proteins in maple syrup urine disease. <i>Molecular Genetics & Genomic Medicine</i> , 2014, 2, 383-392.	0.6	12
105	The clinical outcome of <i>LMNA</i> missense mutations can be associated with the amount of mutated protein in the nuclear envelope. <i>European Journal of Heart Failure</i> , 2018, 20, 1404-1412.	2.9	12
106	Characterization of a disease-causing Lys329 to Glu mutation in 16 patients with medium-chain Acyl-CoA dehydrogenase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 1991, 14, 314-316.	1.7	11
107	Molecular genetic characterization and urinary excretion pattern of metabolites in two families with MCAD deficiency due to compound heterozygosity with a 13 base pair insertion in one allele. <i>Journal of Inherited Metabolic Disease</i> , 1994, 17, 169-184.	1.7	11
108	Heterozygosity for an in-frame deletion causes glutaryl-CoA dehydrogenase deficiency in a patient detected by newborn screening: investigation of the effect of the mutant allele. <i>Journal of Inherited Metabolic Disease</i> , 2012, 35, 787-796.	1.7	9

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109	NMR-Based Metabonomic Investigation of Heat Stress in Myotubes Reveals a Time-Dependent Change in the Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6376-6386.	2.4	8
110	A Cell Model for HSP60 Deficiencies: Modeling Different Levels of Chaperonopathies Leading to Oxidative Stress and Mitochondrial Dysfunction. <i>Methods in Molecular Biology</i> , 2019, 1873, 225-239.	0.4	7
111	Metabolic profiling of heat or anoxic stress in mouse C2C12 myotubes using multinuclear magnetic resonance spectroscopy. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 814-823.	1.5	6
112	Biochemical characterization of a variant human medium-chain acyl-CoA dehydrogenase with a disease-associated mutation localized in the active site. <i>Biochemical Journal</i> , 1999, 337, 225.	1.7	5
113	Characterization of mouse Clpp protease cDNA, gene, and protein. <i>Mammalian Genome</i> , 2000, 11, 275-280.	1.0	5
114	Oxidative Stress-Induced Metabolic Changes in Mouse C2C12 Myotubes Studied with High-Resolution ¹³ C, ¹ H, and ³¹ P NMR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1918-1926.	2.4	4
115	Application of an Image Cytometry Protocol for Cellular and Mitochondrial Phenotyping on Fibroblasts from Patients with Inherited Disorders. <i>JIMD Reports</i> , 2015, 27, 17-26.	0.7	4
116	Investigation of Folding and Degradation of In Vitro Synthesized Mutant Proteins in Mitochondria. , 2003, 232, 285-294.		3
117	Optimized High-Contrast Brightfield Microscopy Application for Noninvasive Proliferation Assays of Human Cell Cultures. <i>Assay and Drug Development Technologies</i> , 2020, 18, 215-225.	0.6	3
118	Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency due to heterozygosity for the common mutation and an allele resulting in low levels of MCAD mRNA. <i>Journal of Inherited Metabolic Disease</i> , 1994, 17, 275-278.	1.7	2
119	Measuring Consequences of Protein Misfolding and Cellular Stress Using OMICS Techniques. <i>Methods in Molecular Biology</i> , 2010, 648, 119-135.	0.4	2
120	77 Mutations of Human Medium-Chain Acyl-CoA Dehydrogenase. <i>Biochemical Society Transactions</i> , 1998, 26, S65-S65.	1.6	1
121	Biochemical Characterisation of Mutations of Human Medium-Chain Acyl-CoA Dehydrogenase. , 1999, 466, 387-393.		1
122	Basic Introduction to In Vivo Protein Folding and Its Defects. , 2003, 232, 17-26.		1
123	Mitochondrial Hsp70 and the troubles of nomenclature: leaving behind tradition to gain intuitiveness and clarity. <i>Cell Stress and Chaperones</i> , 2016, 21, 547-551.	1.2	0