

Beat Thony

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4789735/publications.pdf>

Version: 2024-02-01

122
papers

5,764
citations

109321

35
h-index

85541

71
g-index

127
all docs

127
docs citations

127
times ranked

5373
citing authors

#	ARTICLE	IF	CITATIONS
1	Tetrahydrobiopterin biosynthesis, regeneration and functions. <i>Biochemical Journal</i> , 2000, 347, 1-16.	3.7	771
2	Tetrahydrobiopterin: biochemistry and pathophysiology. <i>Biochemical Journal</i> , 2011, 438, 397-414.	3.7	390
3	Treatment of a metabolic liver disease by in vivo genome base editing in adult mice. <i>Nature Medicine</i> , 2018, 24, 1519-1525.	30.7	301
4	Tetrahydrobiopterin biosynthesis, regeneration and functions. <i>Biochemical Journal</i> , 2000, 347 Pt 1, 1-16.	3.7	261
5	In vivo adenine base editing of PCSK9 in macaques reduces LDL cholesterol levels. <i>Nature Biotechnology</i> , 2021, 39, 949-957.	17.5	196
6	Tetrahydrobiopterin Deficiencies without Hyperphenylalaninemia: Diagnosis and Genetics of DOPA-Responsive Dystonia and Sepiapterin Reductase Deficiency. <i>Molecular Genetics and Metabolism</i> , 2001, 74, 172-185.	1.1	172
7	Mutations in the BH4-metabolizing genes GTP cyclohydrolase I, 6-pyruvoyl-tetrahydropterin synthase, sepiapterin reductase, carbinolamine-4a-dehydratase, and dihydropteridine reductase. <i>Human Mutation</i> , 2006, 27, 870-878.	2.5	167
8	Molecular genetics of tetrahydrobiopterin-responsive phenylalanine hydroxylase deficiency. <i>Human Mutation</i> , 2008, 29, 167-175.	2.5	158
9	The Genetic Landscape and Epidemiology of Phenylketonuria. <i>American Journal of Human Genetics</i> , 2020, 107, 234-250.	6.2	138
10	Biallelic Mutations in DNAJC12 Cause Hyperphenylalaninemia, Dystonia, and Intellectual Disability. <i>American Journal of Human Genetics</i> , 2017, 100, 257-266.	6.2	127
11	Sepiapterin reductase deficiency: A Treatable Mimic of Cerebral Palsy. <i>Annals of Neurology</i> , 2012, 71, 520-530.	5.3	125
12	Distinct Proteomic, Transcriptomic, and Epigenetic Stress Responses in Dorsal and Ventral Hippocampus. <i>Biological Psychiatry</i> , 2018, 84, 531-541.	1.3	106
13	Mutations in human monoamine-related neurotransmitter pathway genes. <i>Human Mutation</i> , 2008, 29, 891-902.	2.5	92
14	Fusion-dependent formation of lipid nanoparticles containing macromolecular payloads. <i>Nanoscale</i> , 2019, 11, 9023-9031.	5.6	85
15	Consensus guideline for the diagnosis and treatment of tetrahydrobiopterin (BH4) deficiencies. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 126.	2.7	85
16	Mutations in the GTP cyclohydrolase I and 6-pyruvoyl-tetrahydropterin synthase genes. <i>Human Mutation</i> , 1997, 10, 11-20.	2.5	75
17	Computationally designed liver-specific transcriptional modules and hyperactive factor IX improve hepatic gene therapy. <i>Blood</i> , 2014, 123, 3195-3199.	1.4	73
18	Administration-route and gender-independent long-term therapeutic correction of phenylketonuria (PKU) in a mouse model by recombinant adeno-associated virus 8 pseudotyped vector-mediated gene transfer. <i>Gene Therapy</i> , 2006, 13, 587-593.	4.5	72

#	ARTICLE	IF	CITATIONS
19	Molecular genetics and impact of residual in vitro phenylalanine hydroxylase activity on tetrahydrobiopterin responsiveness in Turkish PKU population. <i>Molecular Genetics and Metabolism</i> , 2011, 102, 116-121.	1.1	71
20	In vivo prime editing of a metabolic liver disease in mice. <i>Science Translational Medicine</i> , 2022, 14, eabl9238.	12.4	71
21	Aromatic amino acid decarboxylase deficiency: Molecular and metabolic basis and therapeutic outlook. <i>Molecular Genetics and Metabolism</i> , 2019, 127, 12-22.	1.1	66
22	Treatment of phenylketonuria using minicircle-based naked-DNA gene transfer to murine liver. <i>Hepatology</i> , 2014, 60, 1035-1043.	7.3	62
23	In vivo cytidine base editing of hepatocytes without detectable off-target mutations in RNA and DNA. <i>Nature Biomedical Engineering</i> , 2021, 5, 179-189.	22.5	62
24	Sepiapterin reductase deficiency an autosomal recessive DOPA-responsive dystonia. <i>Molecular Genetics and Metabolism</i> , 2006, 89, 116-120.	1.1	61
25	Autism spectrum disorder associated with low serotonin in CSF and mutations in the SLC29A4 plasma membrane monoamine transporter (PMAT) gene. <i>Molecular Autism</i> , 2014, 5, 43.	4.9	59
26	Dwarfism and Low Insulin-like Growth Factor-1 Due to Dopamine Depletion in Pts “/â€” Mice Rescued by Feeding Neurotransmitter Precursors and H4-biopterin. <i>Journal of Biological Chemistry</i> , 2003, 278, 28303-28311.	3.4	57
27	Tetrahydrobiopterin protects phenylalanine hydroxylase activity in vivo: Implications for tetrahydrobiopterin-responsive hyperphenylalaninemia. <i>FEBS Letters</i> , 2004, 577, 507-511.	2.8	55
28	Correction of Murine PKU Following AAV-mediated Intramuscular Expression of a Complete Phenylalanine Hydroxylating System. <i>Molecular Therapy</i> , 2008, 16, 673-681.	8.2	54
29	DNAJC12 deficiency: A new strategy in the diagnosis of hyperphenylalaninemias. <i>Molecular Genetics and Metabolism</i> , 2018, 123, 1-5.	1.1	52
30	Tetrahydrobiopterin shows chaperone activity for tyrosine hydroxylase. <i>Journal of Neurochemistry</i> , 2008, 106, 672-681.	3.9	48
31	Folinic acid treatment for schizophrenia associated with folate receptor autoantibodies. <i>Molecular Genetics and Metabolism</i> , 2014, 113, 307-314.	1.1	47
32	Molecular analysis and long-term follow-up of patients with different forms of 6-pyruvoyl-tetrahydropterin synthase deficiency. <i>European Journal of Pediatrics</i> , 2001, 160, 267-276.	2.7	45
33	Comparison of Adeno-Associated Virus Pseudotype 1, 2, and 8 Vectors Administered by Intramuscular Injection in the Treatment of Murine Phenylketonuria. <i>Human Gene Therapy</i> , 2010, 21, 463-477.	2.7	40
34	Sepiapterin Reductase Deficiency: Clinical Presentation and Evaluation of Long-Term Therapy. <i>Pediatric Neurology</i> , 2006, 35, 308-313.	2.1	39
35	Enhancement of hepatic autophagy increases ureagenesis and protects against hyperammonemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 391-396.	7.1	39
36	Long-term glial cell line-derived neurotrophic factor overexpression in the intact nigrostriatal system in rats leads to a decrease of dopamine and increase of tetrahydrobiopterin production. <i>Journal of Neurochemistry</i> , 2005, 93, 1482-1486.	3.9	38

#	ARTICLE	IF	CITATIONS
37	Blood phenylalanine reduction corrects CNS dopamine and serotonin deficiencies and partially improves behavioral performance in adult phenylketonuric mice. <i>Molecular Genetics and Metabolism</i> , 2018, 123, 6-20.	1.1	38
38	Structural and Functional Consequences of Mutations in 6-Pyruvoyltetrahydropterin Synthase Causing Hyperphenylalaninemia in Humans. <i>Journal of Biological Chemistry</i> , 1995, 270, 29498-29506.	3.4	37
39	Diagnosis of tetrahydrobiopterin deficiency using filter paper blood spots: further development of the method and 5 years experience. <i>Journal of Inherited Metabolic Disease</i> , 2011, 34, 819-826.	3.6	37
40	Mutations in the pterin-4 β -carbinolamine dehydratase (PCBD) gene cause a benign form of hyperphenylalaninemia. <i>Human Genetics</i> , 1998, 103, 162-167.	3.8	36
41	Hyperphenylalaninemia due to defects in tetrahydrobiopterin metabolism: molecular characterization of mutations in 6-pyruvoyl-tetrahydropterin synthase. <i>American Journal of Human Genetics</i> , 1994, 54, 782-92.	6.2	35
42	Disease-causing mutations improving the branch site and polypyrimidine tract: Pseudoexon activation of LINE-2 and antisense <i>Alu</i> lacking the poly(T)-tail. <i>Human Mutation</i> , 2009, 30, 823-831.	2.5	33
43	Quantification of phenylalanine hydroxylase activity by isotope-dilution liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Molecular Genetics and Metabolism</i> , 2012, 105, 559-565.	1.1	32
44	Variant of dihydropteridine reductase deficiency without hyperphenylalaninaemia: Effect of oral phenylalanine loading. <i>Journal of Inherited Metabolic Disease</i> , 1999, 22, 216-220.	3.6	31
45	Brain catecholamine depletion and motor impairment in a <i>Th</i> knock-in mouse with type B tyrosine hydroxylase deficiency. <i>Brain</i> , 2015, 138, 2948-2963.	7.6	31
46	Neurological improvement following intravenous high-dose folinic acid for cerebral folate transporter deficiency caused by FOLR-1 mutation. <i>European Journal of Paediatric Neurology</i> , 2016, 20, 709-713.	1.6	31
47	Tetrahydrobiopterin and inherited hyperphenylalaninemias. <i>Turkish Journal of Pediatrics</i> , 1996, 38, 19-35.	0.6	31
48	Reduced nitric oxide metabolites in CSF of patients with tetrahydrobiopterin deficiency. <i>Journal of Neurochemistry</i> , 2002, 80, 362-364.	3.9	30
49	Chromosomal Localization, Genomic Structure and Characterization of the Human Gene and a Retropseudogene for 6-Pyruvoyltetrahydropterin Synthase. <i>FEBS Journal</i> , 1996, 240, 477-484.	0.2	29
50	Effect of pharmacological chaperones on brain tyrosine hydroxylase and tryptophan hydroxylase 2. <i>Journal of Neurochemistry</i> , 2010, 114, 853-863.	3.9	29
51	Heterogeneous clinical spectrum of DNAJC12-deficient hyperphenylalaninemia: from attention deficit to severe dystonia and intellectual disability. <i>Journal of Medical Genetics</i> , 2018, 55, 249-253.	3.2	29
52	State-of-the-Art 2019 on Gene Therapy for Phenylketonuria. <i>Human Gene Therapy</i> , 2019, 30, 1274-1283.	2.7	29
53	Identification of mutations causing 6-pyruvoyl-tetrahydropterin synthase deficiency in four Italian families. <i>Human Mutation</i> , 1997, 10, 25-35.	2.5	28
54	High dose sapropterin dihydrochloride therapy improves monoamine neurotransmitter turnover in murine phenylketonuria (PKU). <i>Molecular Genetics and Metabolism</i> , 2016, 117, 5-11.	1.1	28

#	ARTICLE	IF	CITATIONS
55	Molecular and metabolic bases of tetrahydrobiopterin (BH4) deficiencies. <i>Molecular Genetics and Metabolism</i> , 2021, 133, 123-136.	1.1	28
56	Nuclear localization of tetrahydrobiopterin biosynthetic enzymes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1670, 56-68.	2.4	26
57	Cysteamine revisited: repair of arginine to cysteine mutations. <i>Journal of Inherited Metabolic Disease</i> , 2017, 40, 555-567.	3.6	26
58	Pseudoexon exclusion by antisense therapy in 6-pyruvoyl-tetrahydropterin synthase deficiency. <i>Human Mutation</i> , 2011, 32, 1019-1027.	2.5	25
59	Low tetrahydrobiopterin biosynthetic capacity of human monocytes is caused by exon skipping in 6-pyruvoyl tetrahydropterin synthase. <i>Biochemical Journal</i> , 2003, 373, 681-688.	3.7	24
60	Stimulation of hepatic phenylalanine hydroxylase activity but not Pah-mRNA expression upon oral loading of tetrahydrobiopterin in normal mice. <i>Molecular Genetics and Metabolism</i> , 2005, 86, 153-155.	1.1	24
61	Two Greek siblings with sepiapterin reductase deficiency. <i>Molecular Genetics and Metabolism</i> , 2008, 94, 403-409.	1.1	23
62	Characterization of the Human PCBD Gene Encoding the Bifunctional Protein Pterin-4 β -carbinolamine Dehydratase/Dimerization Cofactor for the Transcription Factor Hnf-1 β . <i>Biochemical and Biophysical Research Communications</i> , 1995, 210, 966-973.	2.1	22
63	Autism associated with low 5-hydroxyindolacetic acid in CSF and the heterozygous SLC6A4 gene Gly56Ala plus 5-HTTLPR L/L promoter variants. <i>Molecular Genetics and Metabolism</i> , 2011, 102, 368-373.	1.1	22
64	Phenylalanine hydroxylase variants interact with the co-chaperone DNAJC12. <i>Human Mutation</i> , 2019, 40, 483-494.	2.5	22
65	Expression and characterization of recombinant human and rat liver 6-pyruvoyl tetrahydropterin synthase. Modified cysteine residues inhibit the enzyme activity. <i>FEBS Journal</i> , 1994, 219, 497-502.	0.2	20
66	Functional Characterization of the spf/ash Splicing Variation in OTC Deficiency of Mice and Man. <i>PLoS ONE</i> , 2015, 10, e0122966.	2.5	20
67	Tetrahydrobiopterin Loading Test in Xanthine Dehydrogenase and Molybdenum Cofactor Deficiencies. <i>Biochemical and Molecular Medicine</i> , 1996, 58, 199-203.	1.4	18
68	Low-Dose Gene Therapy for Murine PKU Using Episomal Naked DNA Vectors Expressing PAH from Its Endogenous Liver Promoter. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 7, 339-349.	5.1	18
69	A simple dried blood spot-method for in vivo measurement of ureagenesis by gas chromatography-mass spectrometry using stable isotopes. <i>Clinica Chimica Acta</i> , 2017, 464, 236-243.	1.1	17
70	Oxidative Stress, Folate Receptor Autoimmunity, and CSF Findings in Severe Infantile Autism. <i>Autism Research & Treatment</i> , 2020, 2020, 1-14.	0.5	17
71	Pterins and Related Enzymes. , 2008, , 665-701.		17
72	Stereospecificity and Catalytic Function of Histidine Residues in 4a-Hydroxy-tetrahydropterin Dehydratase/DCoH β . <i>Biochemistry</i> , 1998, 37, 11246-11254.	2.5	16

#	ARTICLE	IF	CITATIONS
73	Immunohistochemical localisation of pterin-4 β -carbinolamine dehydratase in rat peripheral organs. <i>Histochemistry and Cell Biology</i> , 1999, 111, 381-390.	1.7	16
74	Four Years of Diagnostic Challenges with Tetrahydrobiopterin Deficiencies in Iranian Patients. <i>JIMD Reports</i> , 2016, 32, 7-14.	1.5	16
75	Sensory stimulus-sensitive drop attacks and basal ganglia calcification: new findings in a patient with FOLR1 deficiency. <i>Epileptic Disorders</i> , 2014, 16, 88-92.	1.3	15
76	Reconstitution of a metabolic pathway with triple-cistronic IRES-containing retroviral vectors for correction of tetrahydrobiopterin deficiency. <i>Journal of Gene Medicine</i> , 2000, 2, 22-31.	2.8	14
77	Sepiapterin reductase deficiency in a 2 $\frac{1}{2}$ -year-old girl with incomplete response to treatment during short-term follow-up. <i>Journal of Inherited Metabolic Disease</i> , 2009, 32, 5-10.	3.6	14
78	Hepatocyte Transfection in Small Pigs After Weaning by Hydrodynamic Intraportal Injection of Naked DNA/Minicircle Vectors. <i>Human Gene Therapy Methods</i> , 2015, 26, 181-192.	2.1	14
79	Treatment of Cystathionine β -Synthase Deficiency in Mice Using a Minicircle-Based Naked DNA Vector. <i>Human Gene Therapy</i> , 2019, 30, 1093-1100.	2.7	14
80	Dominant negative allele (N47D) in a compound heterozygote for a variant of 6-pyruvoyltetrahydropterin synthase deficiency causing transient hyperphenylalaninemia. <i>Human Mutation</i> , 1999, 13, 286-289.	2.5	13
81	A liver-humanized mouse model of carbamoyl phosphate synthetase 1 β deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 1054-1063.	3.6	13
82	Long-term correction of murine phenylketonuria by viral gene transfer: liver versus muscle. <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 677-680.	3.6	12
83	The mechanism of BH4-responsive hyperphenylalaninemia-As it occurs in the ENU1/2 genetic mouse model. <i>Human Mutation</i> , 2012, 33, 1464-1473.	2.5	12
84	A female case of aromatic l-amino acid decarboxylase deficiency responsive to MAO-B inhibition. <i>Brain and Development</i> , 2016, 38, 959-963.	1.1	12
85	A novel common large genomic deletion and two new missense mutations identified in the Romanian phenylketonuria population. <i>Gene</i> , 2016, 576, 182-188.	2.2	12
86	Natural history, with clinical, biochemical, and molecular characterization of classical homocystinuria in the Qatari population. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 818-830.	3.6	12
87	Correction of a urea cycle defect after ex vivo gene editing of human hepatocytes. <i>Molecular Therapy</i> , 2021, 29, 1903-1917.	8.2	12
88	Isolated central form of tetrahydrobiopterin deficiency associated with hemizygosity on chromosome 11q and a mutant allele of PTPS. <i>Human Mutation</i> , 2000, 16, 54-60.	2.5	11
89	The spectrum of phenylketonuria genotypes in the Armenian population: Identification of three novel mutant PAH alleles. <i>Molecular Genetics and Metabolism</i> , 2011, 104, S93-S96.	1.1	11
90	The Pah-R261Q mouse reveals oxidative stress associated with amyloid-like hepatic aggregation of mutant phenylalanine hydroxylase. <i>Nature Communications</i> , 2021, 12, 2073.	12.8	11

#	ARTICLE	IF	CITATIONS
91	Mildly compromised tetrahydrobiopterin cofactor biosynthesis due to <i>Pts</i> variants leads to unusual body fat distribution and abdominal obesity in mice. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 309-319.	3.6	10
92	Tetrahydrobiopterin treatment reduces brain α -Phe but only partially improves serotonin in hyperphenylalaninemic ENU1/2 mice. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 709-718.	3.6	10
93	In silico and in vivo models for Qatari-specific classical homocystinuria as basis for development of novel therapies. <i>Human Mutation</i> , 2019, 40, 230-240.	2.5	10
94	Preclinical evaluation of liposome-supported peritoneal dialysis for the treatment of hyperammonemic crises. <i>Journal of Controlled Release</i> , 2020, 328, 503-513.	9.9	10
95	A novel Pah-exon1 deleted murine model of phenylalanine hydroxylase (PAH) deficiency. <i>Molecular Genetics and Metabolism</i> , 2020, 131, 306-315.	1.1	10
96	Peripheral biopterin and neopterin in schizophrenia and depression. <i>Psychiatry Research</i> , 2021, 297, 113745.	3.3	10
97	Retrovirus-Mediated Gene Transfer of 6-Pyruvoyl-Tetrahydropterin Synthase Corrects Tetrahydrobiopterin Deficiency in Fibroblasts from Hyperphenylalaninemic Patients. <i>Human Gene Therapy</i> , 1996, 7, 1587-1593.	2.7	9
98	Retrovirus-Mediated Double Transduction of the GTPCH and PTPS Genes Allows 6-Pyruvoyltetrahydropterin Synthase-Deficient Human Fibroblasts to Synthesize and Release Tetrahydrobiopterin. <i>Journal of Neurochemistry</i> , 2002, 71, 33-40.	3.9	9
99	Comprehensive characterization of ureagenesis in the <i>spf</i> ^{ash} mouse, a model of human ornithine transcarbamylase deficiency, reveals age-dependency of ammonia detoxification. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 1064-1076.	3.6	9
100	Short Communication. <i>Biological Chemistry</i> , 1998, 379, 1441-1456.	2.5	8
101	Improvement of DNA Vector Delivery of DOTAP Lipoplexes by Short-Chain Aminolipids. <i>ACS Omega</i> , 2020, 5, 24724-24732.	3.5	8
102	Development of Covalent Chitosan-Polyethylenimine Derivatives as Gene Delivery Vehicle: Synthesis, Characterization, and Evaluation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3828.	4.1	8
103	A Sensitive Assay System To Test Antisense Oligonucleotides for Splice Suppression Therapy in the Mouse Liver. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e193.	5.1	7
104	Analysis of the Qatari R336C cystathionine β -synthase protein in mice. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 831-838.	3.6	7
105	Role of protein structure in variant annotation: structural insight of mutations causing 6-pyruvoyl-tetrahydropterin synthase deficiency. <i>Pathology</i> , 2019, 51, 274-280.	0.6	7
106	Novel Protein Biomarkers of Monoamine Metabolism Defects Correlate with Disease Severity. <i>Movement Disorders</i> , 2021, 36, 690-703.	3.9	7
107	Tetrahydrobiopterin deficiencies: Lesson from clinical experience. <i>JIMD Reports</i> , 2021, 59, 42-51.	1.5	7
108	Mutation Analysis In Patients with 6-Pyruvoyl-Tetrahydropterin Synthase Deficiency. <i>Pteridines</i> , 1995, 6, 141-143.	0.5	7

#	ARTICLE	IF	CITATIONS
109	Antisense Oligonucleotide Rescue of Deep-Intronic Variants Activating Pseudoexons in the 6-Pyruvoyl-Tetrahydropterin Synthase Gene. <i>Nucleic Acid Therapeutics</i> , 2022, 32, 378-390.	3.6	7
110	Delivery of non-viral naked DNA vectors to liver in small weaned pigs by hydrodynamic retrograde intrabiliary injection. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 268-279.	4.1	6
111	Mutational spectrum of PTS gene and in silico pathological assessment of a novel variant in Mexico. <i>Brain and Development</i> , 2018, 40, 530-536.	1.1	5
112	Development of a porcine model of phenylketonuria with a humanized R408W mutation for gene editing. <i>PLoS ONE</i> , 2021, 16, e0245831.	2.5	5
113	Characterization of Human Pterin-4 α -carbinolamine Dehydratase/Dimerization Cofactor of Hepatocyte Nuclear Factor-1 β , and of the Cys81-mutant Involved in Hyperphenylalaninemia. <i>Pteridines</i> , 1995, 6, 123-125.	0.5	3
114	Phenotypic Reversion of Fair Hair upon Gene Therapy of the Phenylketonuria Mice. <i>Human Gene Therapy</i> , 2014, 25, 573-574.	2.7	3
115	Tyrosine hydroxylase deficiency—Clinical insights and a novel deletion in <i>TH</i> gene in an Indian patient. <i>JIMD Reports</i> , 2020, 53, 12-15.	1.5	3
116	Modeling the cognitive effects of diet discontinuation in adults with phenylketonuria (PKU) using pegvaliase therapy in PAH-deficient mice. <i>Molecular Genetics and Metabolism</i> , 2022, 136, 46-64.	1.1	3
117	Murine models of inherited monoaminergic and GABAergic neurotransmitter disorders. <i>Future Neurology</i> , 2006, 1, 665-676.	0.5	2
118	Editorial. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 1041-1043.	3.6	2
119	Sapropterin dihydrochloride therapy in dihydropteridine reductase deficiency: Insight from the first case with molecular diagnosis in Brazil. <i>JIMD Reports</i> , 2021, 61, 19-24.	1.5	1
120	Isolation of 6-Pyruvoyl-tetrahydropterin Synthase cDNAs from Human Brain. <i>Pteridines</i> , 1996, 7, 91-93.	0.5	1
121	Human Pterin-4 α -Carbinolamine Dehydratase/Dimerization Cofactor of Hepatocyte Nuclear Factor-1 β . <i>FEBS Journal</i> , 1995, 231, 414-423.	0.2	0
122	Challenges of experimental gene therapy for urea cycle disorders. <i>Journal of Pediatric Biochemistry</i> , 2015, 04, 065-073.	0.2	0