

Stephen D Cederbaum

List of Publications by Year in descending order

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31
papers

1,021
citations

394421

19
h-index

434195

31
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32
all docs

32
docs citations

32
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouse Model for Human Arginase Deficiency. <i>Molecular and Cellular Biology</i> , 2002, 22, 4491-4498.	2.3	152
2	Lipid nanoparticle-targeted mRNA therapy as a treatment for the inherited metabolic liver disorder arginase deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21150-21159.	7.1	86
3	Sensitivity to Carbohydrate in a Patient with Familial Intermittent Lactic Acidosis and Pyruvate Dehydrogenase Deficiency. <i>Pediatric Research</i> , 1976, 10, 713-720.	2.3	79
4	Expression of arginase isozymes in mouse brain. <i>Journal of Neuroscience Research</i> , 2001, 66, 406-422.	2.9	71
5	Carnitine membrane transporter deficiency: a long-term follow up and OCTN2 mutation in the first documented case of primary carnitine deficiency. <i>Molecular Genetics and Metabolism</i> , 2002, 77, 195-201.	1.1	58
6	Arginase deficiency manifesting delayed clinical sequelae and induction of a kidney arginase isozyme. <i>Human Genetics</i> , 1993, 91, 1-5.	3.8	50
7	Guanidino compound levels in blood, cerebrospinal fluid, and post-mortem brain material of patients with argininemia. <i>Molecular Genetics and Metabolism</i> , 2010, 100, S31-S36.	1.1	45
8	Arginase deficiency with lethal neonatal expression: Evidence for the glutamine hypothesis of cerebral edema. <i>Journal of Pediatrics</i> , 2003, 142, 349-352.	1.8	44
9	Long-term Survival of the Juvenile Lethal Arginase-deficient Mouse With AAV Gene Therapy. <i>Molecular Therapy</i> , 2012, 20, 1844-1851.	8.2	40
10	Increased plasma and tissue guanidino compounds in a mouse model of hyperargininemia. <i>Molecular Genetics and Metabolism</i> , 2008, 93, 172-178.	1.1	37
11	Identification of mutations (D128G, H141L) in the liver arginase gene of patients with hyperargininemia. <i>Human Mutation</i> , 1994, 4, 150-154.	2.5	36
12	Phenylketonuria: an update. <i>Current Opinion in Pediatrics</i> , 2002, 14, 702-706.	2.0	33
13	Hyperammonemia following allogeneic bone marrow transplantation. <i>American Journal of Hematology</i> , 1991, 38, 140-141.	4.1	31
14	Restoring Ureagenesis in Hepatocytes by CRISPR/Cas9-mediated Genomic Addition to Arginase-deficient Induced Pluripotent Stem Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e394.	5.1	30
15	Deletion in Blood Mitochondrial DNA in Kearns-Sayre Syndrome. <i>Pediatric Research</i> , 1992, 31, 557-560.	2.3	29
16	Short-term Correction of Arginase Deficiency in a Neonatal Murine Model With a Helper-dependent Adenoviral Vector. <i>Molecular Therapy</i> , 2009, 17, 1155-1163.	8.2	29
17	Lethal phenotype in conditional late-onset arginase 1 deficiency in the mouse. <i>Molecular Genetics and Metabolism</i> , 2013, 110, 222-230.	1.1	29
18	Diffusion Tensor Imaging in Arginase Deficiency Reveals Damage to Corticospinal Tracts. <i>Pediatric Neurology</i> , 2010, 42, 49-52.	2.1	27

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19	Myocyte-mediated Arginase Expression Controls Hyperargininemia but not Hyperammonemia in Arginase-deficient Mice. <i>Molecular Therapy</i> , 2014, 22, 1792-1802.	8.2	24
20	Rescue of the Functional Alterations of Motor Cortical Circuits in Arginase Deficiency by Neonatal Gene Therapy. <i>Journal of Neuroscience</i> , 2016, 36, 6680-6690.	3.6	16
21	Is it time to retire fragile X testing as a first-tier test for developmental delay, intellectual disability, and autism spectrum disorder?. <i>Genetics in Medicine</i> , 2017, 19, 1380-1381.	2.4	15
22	Hepatic arginase deficiency fosters dysmyelination during postnatal CNS development. <i>JCI Insight</i> , 2019, 4, .	5.0	14
23	Intermittent lipid nanoparticle mRNA administration prevents cortical dysmyelination associated with arginase deficiency. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 859-874.	5.1	9
24	Confidential genetic testing and electronic health records: A survey of current practices among Huntington disease testing centers. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1026.	1.2	8
25	Human hepatocyte transplantation corrects the inherited metabolic liver disorder arginase deficiency in mice. <i>Molecular Genetics and Metabolism</i> , 2018, 124, 114-123.	1.1	7
26	Myopathy, lactic acidosis and sideroblastic anemia 1 (MLASA1): A 25-year follow-up. <i>Molecular Genetics and Metabolism Reports</i> , 2019, 21, 100517.	1.1	7
27	Arginine to ornithine ratio as a diagnostic marker in patients with positive newborn screening for hyperargininemia. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 27, 100735.	1.1	6
28	Interpreting sequence variants in a clinical context. <i>Genetics in Medicine</i> , 2015, 17, 1012-1012.	2.4	4
29	Delivery of cytosolic liver arginase into the mitochondrial matrix space: A possible novel site for gene replacement therapy. <i>Somatic Cell and Molecular Genetics</i> , 1996, 22, 489-498.	0.7	3
30	VOIDING DYSFUNCTION IN A MOTHER AND DAUGHTER WITH MITOCHONDRIAL CYTOPATHY. <i>Journal of Urology</i> , 1998, 160, 830-830.	0.4	1
31	New frontiers in hereditary metabolic disease: An historical perspective. <i>Molecular Genetics and Metabolism</i> , 2006, 87, 184-189.	1.1	1