Sidney M Morris Jr

List of Publications by Year
in descending order

68	10,000	87401 40	116156 66
papers	citations	h-index	g-index

68	68	68	11246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing kidney DDAH-1 expression by adenovirus delivery reduces ADMA and ameliorates diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2020, 318, F509-F517.	1.3	15
2	<scp>l</scp> â€Homoarginine supplementation prevents diabetic kidney damage. Physiological Reports, 2019, 7, e14235.	0.7	13
3	Distinct roles of arginases 1 and 2 in diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2017, 313, F899-F905.	1.3	9
4	Arginase-2 mediates renal ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2017, 313, F522-F534.	1.3	20
5	Proposals for Upper Limits of Safe Intake for Arginine and Tryptophan in Young Adults and an Upper Limit of Safe Intake for Leucine in the Elderly. Journal of Nutrition, 2016, 146, 2652S-2654S.	1.3	22
6	Arginine Metabolism Revisited. Journal of Nutrition, 2016, 146, 2579S-2586S.	1.3	253
7	Arginase inhibition: a new treatment for preventing progression of established diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2015, 309, F447-F455.	1.3	26
8	FoxO4 Promotes Early Inflammatory Response Upon Myocardial Infarction via Endothelial Arg1. Circulation Research, 2015, 117, 967-977.	2.0	64
9	Diabetic nephropathy is resistant to oral <scp>l</scp>-arginine or <scp>l</scp>-citrulline supplementation. American Journal of Physiology - Renal Physiology, 2014, 307, F1292-F1301.	1.3	30
10	The Central Role of Arginine Catabolism in T-Cell Dysfunction and Increased Susceptibility to Infection After Physical Injury. Annals of Surgery, 2014, 259, 171-178.	2.1	92
11	Arginase inhibition mediates renal tissue protection in diabetic nephropathy by a nitric oxide synthase 3-dependent mechanism. Kidney International, 2013, 84, 1189-1197.	2.6	45
12	Microenvironments in Tuberculous Granulomas Are Delineated by Distinct Populations of Macrophage Subsets and Expression of Nitric Oxide Synthase and Arginase Isoforms. Journal of Immunology, 2013, 191, 773-784.	0.4	292
13	Retinoic acid promotes the development of Arg1â€expressing dendritic cells for the regulation of Tâ€cell differentiation. European Journal of Immunology, 2013, 43, 967-978.	1.6	41
14	Arginases and arginine deficiency syndromes. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 64-70.	1.3	80
15	Selective Endothelial Overexpression of Arginase II Induces Endothelial Dysfunction and Hypertension and Enhances Atherosclerosis in Mice. PLoS ONE, 2012, 7, e39487.	1.1	28
16	From Inflammation to Wound Healing: Using a Simple Model to Understand the Functional Versatility ofÂMurine Macrophages. Bulletin of Mathematical Biology, 2011, 73, 2575-2604.	0.9	8
17	LXRÎ± Regulates Macrophage Arginase 1 Through PU.1 and Interferon Regulatory Factor 8. Circulation Research, 2011, 109, 492-501.	2.0	76
18	Arginase-2 Mediates Diabetic Renal Injury. Diabetes, 2011, 60, 3015-3022.	0.3	76

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19	Effect of eculizumab on haemolysisâ€associated nitric oxide depletion, dyspnoea, and measures of pulmonary hypertension in patients with paroxysmal nocturnal haemoglobinuria. British Journal of Haematology, 2010, 149, 414-425.	1.2	137
20	Arginine: Master and Commander in Innate Immune Responses. Science Signaling, 2010, 3, pe27.	1.6	78
21	Arginase Activities and Global Arginine Bioavailability in Wild-Type and ApoE-Deficient Mice: Responses to High Fat and High Cholesterol Diets. PLoS ONE, 2010, 5, e15253.	1.1	31
22	Recent advances in arginine metabolism: roles and regulation of the arginases. British Journal of Pharmacology, 2009, 157, 922-930.	2.7	422
23	Determination of Mammalian Arginase Activity. Methods in Enzymology, 2008, 440, 221-230.	0.4	23
24	Cell- and Isoform-Specific Increases in Arginase Expression in Acute Silica-Induced Pulmonary Inflammation*. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2007, 70, 118-127.	1.1	11
25	Amplified Expression Profiling of Platelet Transcriptome Reveals Changes in Arginine Metabolic Pathways in Patients With Sickle Cell Disease. Circulation, 2007, 115, 1551-1562.	1.6	126
26	Arginine Metabolism: Boundaries of Our Knowledge. Journal of Nutrition, 2007, 137, 1602S-1609S.	1.3	464
27	Biology and Biochemistry: Discussion of Session 2. Journal of Nutrition, 2007, 137, 1548S.	1.3	1
28	Application of Branched-Chain Amino Acids in Experimental Animals: Discussion of Session 2 ,. Journal of Nutrition, 2006, 136, 254S-255S.	1.3	1
29	Arginine: beyond protein. American Journal of Clinical Nutrition, 2006, 83, 508S-512S.	2.2	322
30	Inhibition of phosphodiesterase 4 amplifies cytokine-dependent induction of arginase in macrophages. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L534-L539.	1.3	42
31	MACROPHAGE ARGINASE REGULATION BY CCAAT/ENHANCER-BINDING PROTEIN ??. Shock, 2005, 23, 168-172.	1.0	41
32	Arginine metabolism in vascular biology and disease. Vascular Medicine, 2005, 10, S83-S87.	0.8	12
33	Dysregulated Arginine Metabolism, Hemolysis-Associated Pulmonary Hypertension, and Mortality in Sickle Cell Disease. JAMA - Journal of the American Medical Association, 2005, 294, 81.	3.8	619
34	Arginine metabolism in vascular biology and disease. Vascular Medicine, 2005, 10, S83-S87.	0.8	70
35	Induction of arginase I transcription by IL-4 requires a composite DNA response element for STAT6 and C/EBPÎ². Gene, 2005, 353, 98-106.	1.0	171
36	Introduction to the Symposium Proceedings. Journal of Nutrition, 2004, 134, 2742S.	1.3	0

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37	Session II: Physiology of Arginine Metabolismâ€"Discussion Summary. Journal of Nutrition, 2004, 134, 2796S-2797S.	1.3	2
38	Decreased Arginine Bioavailability and Increased Serum Arginase Activity in Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 148-153.	2.5	252
39	Enzymes of Arginine Metabolism. Journal of Nutrition, 2004, 134, 2743S-2747S.	1.3	268
40	Recent advances in arginine metabolism. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 45-51.	1.3	100
41	The Arginine-to-Ornithine Ratio: Biomarker of Arginase Activity and Predictor of Mortality in Sickle Cell Disease.. Blood, 2004, 104, 237-237.	0.6	6
42	Vertebrate Agmatinases: What Role Do They Play in Agmatine Catabolism?. Annals of the New York Academy of Sciences, 2003, 1009, 30-33.	1.8	17
43	Translational control of inducible nitric oxide synthase expression by arginine can explain the arginine paradox. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4843-4848.	3.3	307
44	Arginine Therapy. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 63-69.	2.5	302
45	Hydroxyurea and Arginine Therapy: Impact on Nitric Oxide Production in Sickle Cell Disease. Journal of Pediatric Hematology/Oncology, 2003, 25, 629-634.	0.3	79
46	Cloning of human agmatinase. An alternate path for polyamine synthesis induced in liver by hepatitis B virus. American Journal of Physiology - Renal Physiology, 2002, 282, G375-G381.	1.6	58
47	REGULATION OFENZYMES OF THEUREACYCLE ANDARGININEMETABOLISM. Annual Review of Nutrition, 2002, 22, 87-105.	4.3	566
48	Hormonal induction of hepatic mitochondrial ornithine/citrulline transporter mRNA. Biochemical and Biophysical Research Communications, 2002, 294, 749-752.	1.0	18
49	Activities of arginase I and II are limiting for endothelial cell proliferation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R64-R69.	0.9	94
50	Induction of arginases I and II in cornea during herpes simplex virus infection. Virus Research, 2001, 73, 177-182.	1.1	30
51	Probing Erectile Function:ÂS-(2-Boronoethyl)-l-Cysteine Binds to Arginase as a Transition State Analogue and Enhances Smooth Muscle Relaxation in Human Penile Corpus Cavernosumâ€,â€¡. Biochemistry, 2001, 40, 2678-2688.	1.2	163
52	Regulatory role of arginase I and II in nitric oxide, polyamine, and proline syntheses in endothelial cells. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E75-E82.	1.8	302
53	Arginase I Expression and Activity in Human Mononuclear Cells After Injury. Annals of Surgery, 2001, 233, 393-399.	2.1	142
54	Generation of a Mouse Model for Arginase II Deficiency by Targeted Disruption of the Arginase II Gene. Molecular and Cellular Biology, 2001, 21, 811-813.	1.1	128

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55	Arginase I: a limiting factor for nitric oxide and polyamine synthesis by activated macrophages?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R2237-R2242.	0.9	67
56	IL-4 and IL-13 upregulate arginase I expression by cAMP and JAK/STAT6 pathways in vascular smooth muscle cells. American Journal of Physiology - Cell Physiology, 2000, 279, C248-C256.	2.1	148
57	Regulation of Arginine Availability and Its Impact on NO Synthesis. , 2000, , 187-197.		38
58	Glucocorticoids Mediate the Enhanced Expression of Intestinal Type II Arginase and Argininosuccinate Lyase in Postweaning Pigs. Journal of Nutrition, 1999, 129, 799-803.	1.3	28
59	Isolation and characterization of a human hepatic epithelial-like cell line (AKN-1) from a normal liver. In Vitro Cellular and Developmental Biology - Animal, 1999, 35, 190-197.	0.7	23
60	Salicylate-enhanced activation of transcription factors induced by interferon-Î³. Biochemical Journal, 1999, 342, 503-507.	1.7	15
61	Roles of conserved residues in the arginase family. BBA - Proteins and Proteomics, 1998, 1382, 23-37.	2.1	82
62	Arginine metabolism: nitric oxide and beyond. Biochemical Journal, 1998, 336, 1-17.	1.7	2,379
63	Differential regulation of arginases and inducible nitric oxide synthase in murine macrophage cells. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E740-E747.	1.8	146
64	Human type II arginase: sequence analysis and tissue-specific expression. Gene, 1997, 193, 157-161.	1.0	203
65	A cohort of supporting metabolic enzymes is coinduced with nitric oxide synthase in human tumor cell lines. Cancer Letters, 1996, 103, 79-84.	3.2	34
66	Differential induction of transcription for glucocorticoid-responsive genes in cultured rat hepatocytes. Biochemical and Biophysical Research Communications, 1990, 166, 133-138.	1.0	11
67	Regulation of Messenger Ribonucleic Acid Levels for Five Urea Cycle Enzymes in Cultured Rat Hepatocytes. Requirements for Cyclic Adenosine Monophosphate, Glucocorticoids, and Ongoing Protein Synthesis. Molecular Endocrinology, 1988, 2, 444-451.	3.7	102
68	Regulation of mRNA levels for five urea cycle enzymes in rat liver by diet, cyclic AMP, and glucocorticoids. Archives of Biochemistry and Biophysics, 1987, 256, 343-353.	1.4	129