

CITATION REPORT

List of articles citing

Dimethylarginine dimethylaminohydrolase 2 regulates nitric oxide synthesis and hemodynamics and determines outcome in polymicrobial sepsis

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**Arteriosclerosis, Thrombosis, and Vascular Biology,
2015, 35, 1382-92.**

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
45	Intensive Care Foundation Sepsis Poster Presentations. <i>Journal of the Intensive Care Society</i> , 2015 , 16, 129-136	1.6	78
44	Inhibitors of the Hydrolytic Enzyme Dimethylarginine Dimethylaminohydrolase (DDAH): Discovery, Synthesis and Development. <i>Molecules</i> , 2016 , 21,	4.8	21
43	High Levels of Methylarginines Were Associated With Increased Mortality in Patients With Severe Sepsis. <i>Shock</i> , 2016 , 46, 365-72	3.4	15
42	Hypoxia causes increased monocyte nitric oxide synthesis which is mediated by changes in dimethylarginine dimethylaminohydrolase 2 expression in animal and human models of normobaric hypoxia. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 58, 59-66	5	11
41	Dimethylarginine dimethylaminohydrolase-2 deficiency promotes vascular regeneration and attenuates pathological angiogenesis. <i>Experimental Eye Research</i> , 2016 , 147, 148-155	3.7	12
40	Pharmacological assessment of ibuprofen arginate on platelet aggregation and colon cancer cell killing. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 484, 762-766	3.4	8
39	Diclofenac but not celecoxib improves endothelial function in rheumatoid arthritis: A study in adjuvant-induced arthritis. <i>Atherosclerosis</i> , 2017 , 266, 136-144	3.1	20
38	Redox Control of Vascular Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, e178-e184	18.4	15
37	Therapeutic Efficacy of Esomeprazole in Cotton Smoke-Induced Lung Injury Model. <i>Frontiers in Pharmacology</i> , 2017 , 8, 16	5.6	12
36	VLDL Induced Modulation of Nitric Oxide Signalling and Cell Redox Homeostasis in HUVEC. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 2697364	6.7	4
35	Pyrrolidine dithiocarbamate ameliorates endothelial dysfunction in thoracic aorta of diabetic rats by preserving vascular DDAH activity. <i>PLoS ONE</i> , 2017 , 12, e0179908	3.7	6
34	Markers of nitric oxide are associated with sepsis severity: an observational study. <i>Critical Care</i> , 2017 , 21, 189	10.8	35
33	Evidence for a protective role for the rs805305 single nucleotide polymorphism of dimethylarginine dimethylaminohydrolase 2 (DDAH2) in septic shock through the regulation of DDAH activity. <i>Critical Care</i> , 2018 , 22, 336	10.8	4
32	Symmetrical (SDMA) and asymmetrical dimethylarginine (ADMA) in sepsis: high plasma levels as combined risk markers for sepsis survival. <i>Critical Care</i> , 2018 , 22, 216	10.8	16
31	Development of a novel UHPLC-MS/MS-based platform to quantify amines, amino acids and methylarginines for applications in human disease phenotyping. <i>Scientific Reports</i> , 2018 , 8, 13987	4.9	7
30	Neuropilin-1 maintains dimethylarginine dimethylaminohydrolase 1 expression in endothelial cells, and contributes to protection from angiotensin II-induced hypertension. <i>FASEB Journal</i> , 2019 , 33, 494-500	8.9	7
29	Xin-Ji-Er-Kang Alleviates Myocardial Infarction-Induced Cardiovascular Remodeling in Rats by Inhibiting Endothelial Dysfunction. <i>BioMed Research International</i> , 2019 , 2019, 4794082	3	4

28	The detrimental effect of asymmetric dimethylarginine on cholesterol efflux of macrophage foam cells: Role of the NOX/ROS signaling. <i>Free Radical Biology and Medicine</i> , 2019 , 143, 354-365	7.8	12
27	Immunometabolism and Sepsis: A Role for HIF?. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 85	5.6	24
26	The Second Life of Methylarginines as Cardiovascular Targets. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	23
25	Part II: Minimum Quality Threshold in Preclinical Sepsis Studies (MQTIPSS) for Types of Infections and Organ Dysfunction Endpoints. <i>Shock</i> , 2019 , 51, 23-32	3.4	31
24	ADMA: A Key Player in the Relationship between Vascular Dysfunction and Inflammation in Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	17
23	Inhibition of Dimethylarginine Dimethylaminohydrolase (DDAH) Enzymes as an Emerging Therapeutic Strategy to Target Angiogenesis and Vasculogenic Mimicry in Cancer. <i>Frontiers in Oncology</i> , 2019 , 9, 1455	5.3	13
22	Development of a Bioinformatics Framework for Identification and Validation of Genomic Biomarkers and Key Immunopathology Processes and Controllers in Infectious and Non-infectious Severe Inflammatory Response Syndrome. <i>Frontiers in Immunology</i> , 2020 , 11, 380	8.4	8
21	DDAH2 suppresses RLR-MAVS-mediated innate antiviral immunity by stimulating nitric oxide-activated, Drp1-induced mitochondrial fission. <i>Science Signaling</i> , 2021 , 14,	8.8	3
20	Divergent Dimethylarginine Dimethylaminohydrolase Isoenzyme Expression in the Central Nervous System. <i>Cellular and Molecular Neurobiology</i> , 2021 , 1	4.6	1
19	Bench to bedside review: therapeutic modulation of nitric oxide in sepsis-an update. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 64	3.7	23
18	Asymmetric and Symmetric Dimethylarginine as Risk Markers for Total Mortality and Cardiovascular Outcomes: A Systematic Review and Meta-Analysis of Prospective Studies. <i>PLoS ONE</i> , 2016 , 11, e0165811	3.7	96
17	Endothelial dysfunction biomarkers in sickle cell disease: is there a role for ADMA and PAI-1?. <i>Annals of Hematology</i> , 2021 , 1	3	0
16	Association of Variability in the DDAH1, DDAH2, AGXT2 and PRMT1 Genes with Circulating ADMA Concentration in Human Whole Blood.. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	0
15	Association of Genes of the NO Pathway with Altitude Disease and Hypoxic Pulmonary Hypertension.. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
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10 Table_5.DOCX. 2020,

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5 Asymmetric dimethylarginine positively modulates Calcium-Sensing Receptor signalling to promote lipid accumulation and adiposity.

4 A new perspective on NO pathway in sepsis and ADMA lowering as a potential therapeutic approach. 2022, 26,

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3 Asymmetric dimethylarginine accumulation under hyperglycemia facilitates Ecell apoptosis via inhibiting nitric oxide production. 2022, 637, 108-116

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2 Innate sensing and cellular metabolism: role in fine tuning antiviral immune responses.

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1 Asymmetric dimethylarginine positively modulates calcium-sensing receptor signalling to promote lipid accumulation. 2023, 107, 110676

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