

# Helen A Christou

## List of Publications by Year in descending order

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55  
papers

3,158  
citations

201385

27  
h-index

174990

52  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of pulmonary vascular dysfunction in pulmonary hypertension and implications for novel therapies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H702-H724.	1.5	22
2	Changes, Challenges, and Variations in Neonatal-Perinatal Medicine Fellowship: A View from the Program Directors. <i>American Journal of Perinatology</i> , 2022, 0, .	0.6	1
3	Adipokines and Metabolic Regulators in Human and Experimental Pulmonary Arterial Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1435.	1.8	6
4	Acetazolamide Improves Right Ventricular Function and Metabolic Gene Dysregulation in Experimental Pulmonary Arterial Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 662870.	1.1	4
5	Carbonic anhydrase inhibition improves pulmonary artery reactivity and nitric oxide-mediated relaxation in sugen-hypoxia model of pulmonary hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R835-R850.	0.9	4
6	Glycosylated Fibronectin and Inhibin are Lower and Anti-Müllerian Hormone is Higher in Umbilical Cord Blood when Mothers have Preeclampsia. <i>Endocrine Practice</i> , 2020, 26, 318-327.	1.1	0
7	Echocardiographic markers of pulmonary hemodynamics and right ventricular hypertrophy in rat models of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-10.	0.8	11
8	Control of human hemoglobin switching by LIN28B-mediated regulation of BCL11A translation. <i>Nature Genetics</i> , 2020, 52, 138-145.	9.4	73
9	Early caloric deprivation in preterm infants affects Bayley-III scales performance at 18–24 months of corrected age. <i>Research in Developmental Disabilities</i> , 2019, 91, 103429.	1.2	6
10	Placental proteases PAPP-A and PAPP-A2, the binding proteins they cleave (IGFBP-4 and -5), and IGF-I and IGF-II: Levels in umbilical cord blood and associations with birth weight and length. <i>Metabolism: Clinical and Experimental</i> , 2019, 100, 153959.	1.5	17
11	Carbonic Anhydrase Inhibition Ameliorates Inflammation and Experimental Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 512-524.	1.4	43
12	Macrophage FABP4 is required for neutrophil recruitment and bacterial clearance in <i>Pseudomonas aeruginosa</i> pneumonia. <i>FASEB Journal</i> , 2019, 33, 3562-3574.	0.2	24
13	Is There More to Zika? Complex Cardiac Disease in a Case of Congenital Zika Syndrome. <i>Neonatology</i> , 2018, 113, 177-182.	0.9	14
14	Impaired Pulmonary Arterial Vasoconstriction and Nitric Oxide-Mediated Relaxation Underlie Severe Pulmonary Hypertension in the Sugene-Hypoxia Rat Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 364, 258-274.	1.3	24
15	Adjuvant Effect of Bacille Calmette-Guérin on Hepatitis B Vaccine Immunogenicity in the Preterm and Term Newborn. <i>Frontiers in Immunology</i> , 2018, 9, 29.	2.2	36
16	Cord Blood Adipocyte Fatty Acid-Binding Protein Levels Correlate With Gestational Age and Birth Weight in Neonates. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1606-1613.	1.8	15
17	Establishing Effective Mentoring Networks: Rationale and Strategies. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 2017, 13, 10571.	0.5	8
18	Sustaining careers of physician-scientists in neonatology and pediatric critical care medicine: formulating supportive departmental policies. <i>Pediatric Research</i> , 2016, 80, 635-640.	1.1	9

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19	Vitamin D and bronchopulmonary dysplasia in preterm infants. <i>Journal of Perinatology</i> , 2016, 36, 878-882.	0.9	31
20	Hemopexin in severe inflammation and infection: mouse models and human diseases. <i>Critical Care</i> , 2015, 19, 166.	2.5	40
21	Cord blood irisin levels are positively correlated with birth weight in newborn infants. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1507-1514.	1.5	31
22	Elk-3 is a KLF4-regulated gene that modulates the phagocytosis of bacteria by macrophages. <i>Journal of Leukocyte Biology</i> , 2015, 97, 171-180.	1.5	26
23	Vitamin D status among preterm and full-term infants at birth. <i>Pediatric Research</i> , 2014, 75, 75-80.	1.1	93
24	Cord blood levels of osteopontin as a phenotype marker of gestational age and neonatal morbidities. <i>Obesity</i> , 2014, 22, 1317-1324.	1.5	9
25	Endothelial Indoleamine 2,3-Dioxygenase Protects against Development of Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 482-491.	2.5	41
26	An update on pharmacologic approaches to bronchopulmonary dysplasia. <i>Seminars in Perinatology</i> , 2013, 37, 115-123.	1.1	48
27	Current Pharmacologic Approaches for Prevention and Treatment of Bronchopulmonary Dysplasia. <i>International Journal of Pediatrics (United Kingdom)</i> , 2012, 2012, 1-9.	0.2	24
28	Improved pulmonary vascular reactivity and decreased hypertrophic remodeling during nonhypercapnic acidosis in experimental pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L875-L890.	1.3	26
29	Heme Oxygenase-1 Does Not Mediate the Effects of Extracellular Acidosis on Vascular Smooth Muscle Cell Proliferation, Migration, and Susceptibility to Apoptosis. <i>Journal of Vascular Research</i> , 2011, 48, 285-296.	0.6	16
30	Sex Hormones and Vascular Protection in Pulmonary Arterial Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 471-474.	0.8	5
31	Impaired Vasoconstriction and Nitric Oxide-Mediated Relaxation in Pulmonary Arteries of Hypoxia- and Monocrotaline-Induced Pulmonary Hypertensive Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 455-462.	1.3	71
32	Divergent Cardiopulmonary Actions of Heme Oxygenase Enzymatic Products in Chronic Hypoxia. <i>PLoS ONE</i> , 2009, 4, e5978.	1.1	24
33	Intrauterine Closure of the Ductus Arteriosus: Implications for the Neonatologist. <i>American Journal of Perinatology</i> , 2009, 26, 473-478.	0.6	6
34	The p38 mitogen-activated protein kinase pathway is involved in the regulation of heme oxygenase-1 by acidic extracellular pH in aortic smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 1298-1306.	1.2	26
35	Gender Differences in Research Grant Applications and Funding Outcomes for Medical School Faculty. <i>Journal of Women's Health</i> , 2008, 17, 207-214.	1.5	119
36	Cerebral Endothelial Nitric Oxide Synthase Expression is Reduced After Very Low Flow Bypass. <i>Annals of Thoracic Surgery</i> , 2006, 81, 2202-2206.	0.7	8

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37	Pharmacological Strategies in the Prevention and Management of Bronchopulmonary Dysplasia. <i>Seminars in Perinatology</i> , 2006, 30, 209-218.	1.1	52
38	Mechanisms of Heme Oxygenase-1-Mediated Cardiac and Pulmonary Vascular Protection in Chronic Hypoxia. <i>Chest</i> , 2005, 128, 578S-579S.	0.4	11
39	Extracellular acidosis induces heme oxygenase-1 expression in vascular smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2647-H2652.	1.5	40
40	Lung Injury and Bronchopulmonary Dysplasia in Newborn Infants. <i>Journal of Intensive Care Medicine</i> , 2005, 20, 76-87.	1.3	29
41	Current Concepts in Intrauterine Growth Restriction. <i>Journal of Intensive Care Medicine</i> , 2004, 19, 307-319.	1.3	208
42	Primary Ciliary Dyskinesia as a Cause of Neonatal Respiratory Distress: Implications for the Neonatologist. <i>Journal of Perinatology</i> , 2003, 23, 684-687.	0.9	33
43	Leptin in Relation to Growth and Developmental Processes in the Fetus. <i>Seminars in Reproductive Medicine</i> , 2002, 20, 123-130.	0.5	38
44	Targeted Expression of Heme Oxygenase-1 and Pulmonary Responses to Hypoxia. , 2002, , 193-204.		0
45	Cord Blood Leptin and Insulin-Like Growth Factor Levels are Independent Predictors of Fetal Growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 935-938.	1.8	168
46	Targeted expression of heme oxygenase-1 prevents the pulmonary inflammatory and vascular responses to hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 8798-8803.	3.3	364
47	Inhaled nitric oxide reduces the need for extracorporeal membrane oxygenation in infants with persistent pulmonary hypertension of the newborn. <i>Critical Care Medicine</i> , 2000, 28, 3722-3727.	0.4	87
48	Prevention of Hypoxia-Induced Pulmonary Hypertension by Enhancement of Endogenous Heme Oxygenase-1 in the Rat. <i>Circulation Research</i> , 2000, 86, 1224-1229.	2.0	198
49	Hypoxia induces severe right ventricular dilatation and infarction in heme oxygenase-1 null mice. <i>Journal of Clinical Investigation</i> , 1999, 103, R23-R29.	3.9	377
50	Increased Vascular Endothelial Growth Factor Production in the Lungs of Rats with Hypoxia-induced Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 18, 768-776.	1.4	165
51	Carbon Monoxide and Nitric Oxide Suppress the Hypoxic Induction of Vascular Endothelial Growth Factor Gene via the 5' Enhancer. <i>Journal of Biological Chemistry</i> , 1998, 273, 15257-15262.	1.6	210
52	Inhaled Nitric Oxide Does Not Affect Adenosine 5'-Diphosphate-dependent Platelet Activation in Infants With Persistent Pulmonary Hypertension of the Newborn. <i>Pediatrics</i> , 1998, 102, 1390-1393.	1.0	13
53	Hypoxic Responses of Vascular Cells. <i>Chest</i> , 1998, 114, 25S-28S.	0.4	32
54	Effect of inhaled nitric oxide on endothelin-1 and cyclic guanosine 5'-monophosphate plasma concentrations in newborn infants with persistent pulmonary hypertension. <i>Journal of Pediatrics</i> , 1997, 130, 603-611.	0.9	79

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55	Mechanisms by which oxygen regulates gene expression and cell-cell interaction in the vasculature. <i>Kidney International</i> , 1997, 51, 438-443.	2.6	93