

Eugenie R Lumbers

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

2,554
citations

185998

28
h-index

243296

44
g-index

116
all docs

116
docs citations

116
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	Renin concentration in human fetal and maternal tissues. American Journal of Obstetrics and Gynecology, 1968, 101, 529-533.	0.7	157
2	The activation of renin in human amniotic fluid by proteolytic enzymes. Biochimica Et Biophysica Acta - Biomembranes, 1972, 289, 385-391.	1.4	131
3	Roles of the circulating renin-angiotensin-aldosterone system in human pregnancy. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R91-R101.	0.9	124
4	Factors influencing plasma renin and angiotensin II in the conscious pregnant ewe and its foetus. Journal of Physiology, 1974, 243, 619-636.	1.3	98
5	Renin and angiotensin-like levels in foetal, new-born and adult sheep. Journal of Physiology, 1974, 241, 575-588.	1.3	78
6	A Pig Model of the Preterm Neonate: Anthropometric and Physiological Characteristics. PLoS ONE, 2013, 8, e68763.	1.1	69
7	“LONG COVID” A hypothesis for understanding the biological basis and pharmacological treatment strategy. Pharmacology Research and Perspectives, 2022, 10, e00911.	1.1	69
8	The Selfish Brain And The Barker Hypothesis. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 942-947.	0.9	62
9	Proximal and distal tubular activity in chronically catheterized fetal sheep compared with the adult. Canadian Journal of Physiology and Pharmacology, 1988, 66, 697-702.	0.7	61
10	Nephrin “ a biomarker of early glomerular injury. Biomarker Research, 2014, 2, 21.	2.8	61
11	Causes and Consequences of the Dysregulated Maternal Renin-Angiotensin System in Preeclampsia. Frontiers in Endocrinology, 2019, 10, 563.	1.5	60
12	Early infant male circumcision: Systematic review, risk-benefit analysis, and progress in policy. World Journal of Clinical Pediatrics, 2017, 6, 89.	0.6	52
13	Molecular characterization of renin-angiotensin system components in human intrauterine tissues and fetal membranes from vaginal delivery and cesarean section. Placenta, 2011, 32, 214-221.	0.7	51
14	Effects of Glucocorticoid Exposure on Growth and Structural Maturation of the Heart of the Preterm Piglet. PLoS ONE, 2014, 9, e93407.	1.1	49
15	Expression of classical components of the renin-angiotensin system in the human eye. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 59-66.	1.0	49
16	The renin-angiotensin system in foetal lambs. Pflugers Archiv European Journal of Physiology, 1972, 336, 1-10.	1.3	47
17	Fetal Sex Affects Expression of Renin-Angiotensin System Components in Term Human Decidua. Endocrinology, 2012, 153, 462-468.	1.4	45
18	Extra-uterine renal growth in preterm infants: Oligonephropathy and prematurity. Pediatric Nephrology, 2013, 28, 1791-1796.	0.9	42

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19	Does Male Circumcision Reduce Women's Risk of Sexually Transmitted Infections, Cervical Cancer, and Associated Conditions?. <i>Frontiers in Public Health</i> , 2019, 7, 4.	1.3	42
20	EFFECTS OF LOSARTAN ON THE CARDIOVASCULAR SYSTEM, RENAL HAEMODYNAMICS AND FUNCTION AND LUNG LIQUID FLOW IN FETAL SHEEP. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996, 23, 125-133.	0.9	38
21	Effect of antenatal glucocorticoids on sympathetic nerve activity at birth in preterm sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R160-R167.	0.9	38
22	Dysregulation of the placental renin-angiotensin system in human fetal growth restriction. <i>Reproduction</i> , 2019, 158, 237-245.	1.1	38
23	Effects of Placental Insufficiency on the Ovine Fetal Renin-Angiotensin System. <i>Experimental Physiology</i> , 2000, 85, 79-84.	0.9	37
24	Angiotensin Converting Enzyme 2 (ACE2) in Pregnancy: Preeclampsia and Small for Gestational Age. <i>Frontiers in Physiology</i> , 2020, 11, 590787.	1.3	37
25	Measurement of Baroreceptor-Mediated Effects on Heart Rate Variability in Fetal Sheep. <i>Pediatric Research</i> , 2000, 47, 233-233.	1.1	36
26	EFFECTS OF HYPOXAEMIA ON FOETAL HEART RATE, VARIABILITY AND CARDIAC RHYTHM. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998, 25, 577-584.	0.9	35
27	PERIPHERAL VASCULAR REACTIVITY TO ANGIOTENSIN AND NORADRENALINE IN PREGNANT AND NON-PREGNANT WOMEN. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1970, 48, 493-500.	0.7	34
28	The Lung, the Heart, the Novel Coronavirus, and the Renin-Angiotensin System; The Need for Clinical Trials. <i>Frontiers in Medicine</i> , 2020, 7, 248.	1.2	32
29	EFFECTS OF OESTROGENS ON THE HUMAN CIRCULATION. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1970, 77, 349-355.	1.1	27
30	A method for determining baroreflex-mediated sympathetic and parasympathetic control of the heart in pregnant and non-pregnant sheep. <i>Journal of Physiology</i> , 1999, 515, 555-566.	1.3	26
31	THE ACTIONS OF VASOACTIVE COMPOUNDS IN THE FOETUS AND THE EFFECT OF PERFUSION THROUGH THE PLACENTA ON THEIR BIOLOGICAL ACTIVITY. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1978, 56, 11-24.	0.7	25
32	The interacting physiology of COVID-19 and the renin-angiotensin-aldosterone system: Key agents for treatment. <i>Pharmacology Research and Perspectives</i> , 2022, 10, e00917.	1.1	25
33	Observations on the Origin of Renin in Human Urine. <i>Circulation Research</i> , 1969, 24, 689-697.	2.0	23
34	Decidualisation of human endometrial stromal cells is associated with increased expression and secretion of prorenin. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 129.	1.4	23
35	Programming of Renal Development and Chronic Disease in Adult Life. <i>Frontiers in Physiology</i> , 2020, 11, 757.	1.3	22
36	Molecular evidence of a (pro)renin/ (pro)renin receptor system in human intrauterine tissues in pregnancy and its association with PGHS-2. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 304-310.	1.0	21

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37	Renin-angiotensin system gene polymorphisms and endometrial cancer. <i>Endocrine Connections</i> , 2016, 5, 128-135.	0.8	21
38	Sex and Male Circumcision: Women's Preferences Across Different Cultures and Countries: A Systematic Review. <i>Sexual Medicine</i> , 2019, 7, 145-161.	0.9	21
39	Expression of Adrenoceptor Subtypes in Preterm Piglet Heart Is Different to Term Heart. <i>PLoS ONE</i> , 2014, 9, e92167.	1.1	21
40	Systems analysis shows that thermodynamic physiological and pharmacological fundamentals drive COVID-19 and response to treatment. <i>Pharmacology Research and Perspectives</i> , 2022, 10, e00922.	1.1	20
41	THE OCCURRENCE AND ASSAY OF RENIN IN HUMAN URINE. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1969, 47, 251-262.	0.7	19
42	Selective down-regulation of AT2 receptors in uterine arteries from pregnant ewes given 24-h intravenous infusions of angiotensin II. <i>Regulatory Peptides</i> , 2001, 99, 119-129.	1.9	19
43	Regulation of the human placental (pro)renin receptor-prorenin-angiotensin system by microRNAs. <i>Molecular Human Reproduction</i> , 2018, 24, 453-464.	1.3	19
44	ACE2: a key modulator of the renin-angiotensin system and pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R833-R843.	0.9	18
45	The balance between human maternal plasma angiotensin II and angiotensin 1-7 levels in early gestation pregnancy is influenced by fetal sex. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014, 15, 523-531.	1.0	17
46	Inotropes do not increase cardiac output or cerebral blood flow in preterm piglets. <i>Pediatric Research</i> , 2016, 80, 870-879.	1.1	16
47	Effect of oxygen on the expression of renin-angiotensin system components in a human trophoblast cell line. <i>Placenta</i> , 2016, 37, 1-6.	0.7	16
48	MicroRNA mimics that target the placental renin-angiotensin system inhibit trophoblast proliferation. <i>Molecular Human Reproduction</i> , 2019, 25, 218-227.	1.3	16
49	Comparison of the transplacental transfer of enalapril, captopril and losartan in sheep. <i>British Journal of Pharmacology</i> , 1995, 114, 1495-1501.	2.7	15
50	Insulin-like growth factor I alters renal function and stimulates renin secretion in late gestation fetal sheep. <i>Journal of Physiology</i> , 2001, 530, 253-262.	1.3	15
51	The renin-angiotensin system from conception to old age: the good, the bad and the ugly. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 743-752.	0.9	15
52	The Cardiovascular and Renal Effects of Acute and Chronic Inhibition of Nitric Oxide Production in Fetal Sheep. <i>Experimental Physiology</i> , 2002, 87, 343-351.	0.9	14
53	Circulating and intrarenal renin-angiotensin systems in healthy men and nonpregnant women. <i>Physiological Reports</i> , 2015, 3, e12586.	0.7	14
54	Effects of Maternal Inflammation and Exposure to Cigarette Smoke on Birth Weight and Delivery of Preterm Babies in a Cohort of Indigenous Australian Women. <i>Frontiers in Immunology</i> , 2015, 6, 89.	2.2	14

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55	The effects of angiotensin on respiratory patterns of anaesthetized dogs. <i>Respiration Physiology</i> , 1981, 46, 261-270.	2.8	13
56	CHANGES IN RENAL RENIN GENE EXPRESSION IN FETAL SHEEP. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996, 23, 682-684.	0.9	13
57	Renal Acid-Base And Sodium Handling In Hypoxia And Subsequent Mild Metabolic Acidosis In Foetal Sheep. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 67-73.	0.9	13
58	Extra uterine development of preterm kidneys. <i>Pediatric Nephrology</i> , 2018, 33, 1007-1012.	0.9	13
59	Glomerular Hypertrophy in Offspring of Subtotally Nephrectomized Ewes. <i>Anatomical Record</i> , 2008, 291, 318-324.	0.8	12
60	The association of maternal ACE A11860G with small for gestational age babies is modulated by the environment and by fetal sex: a multicentre prospective case-control study. <i>Molecular Human Reproduction</i> , 2013, 19, 618-627.	1.3	12
61	The Angiotensin II type 1 receptor mediates the effects of low oxygen on early placental angiogenesis. <i>Placenta</i> , 2019, 75, 54-61.	0.7	12
62	Regulation of the Renin-Angiotensin System Pathways in the Human Decidua. <i>Reproductive Sciences</i> , 2015, 22, 865-872.	1.1	11
63	Renal, cardiovascular and endocrine responses of fetal sheep at 0.8 of gestation to an infusion of amino acids. <i>Journal of Physiology</i> , 2002, 540, 717-728.	1.3	10
64	The (pro)renin receptor (ATP6AP2) does not play a role in syncytialisation of term human primary trophoblast cells. <i>Placenta</i> , 2020, 97, 89-94.	0.7	10
65	EFFECTS OF BILATERAL NEPHRECTOMY AND ANGIOTENSIN II REPLACEMENT ON BODY FLUIDS IN FOETAL SHEEP. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1999, 26, 765-773.	0.9	9
66	Effects of Fetal Sex on Expression of the (Pro)renin Receptor and Genes Influenced by its Interaction With Prorenin in Human Amnion. <i>Reproductive Sciences</i> , 2015, 22, 750-757.	1.1	9
67	Assessment of Fetal Kidney Growth and Birth Weight in an Indigenous Australian Cohort. <i>Frontiers in Physiology</i> , 2018, 8, 1129.	1.3	9
68	Urinary angiotensinogen excretion in Australian Indigenous and non-Indigenous pregnant women. <i>Pregnancy Hypertension</i> , 2018, 12, 110-117.	0.6	9
69	An evaluation of preterm kidney size and function over the first two years of life. <i>Pediatric Nephrology</i> , 2020, 35, 1477-1482.	0.9	9
70	Potentialiation of Cardiac Vagal action by Cold. <i>Clinical Science</i> , 1985, 68, 165-169.	1.8	8
71	EFFECTS OF DRUGS ON UTEROPLACENTAL BLOOD FLOW AND THE HEALTH OF THE FOETUS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997, 24, 864-868.	0.9	8
72	Effect Of Cold On Fetal Heart Rate And Its Variability. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 607-611.	0.9	8

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73	Endogenous angiotensins and catecholamines do not reduce skin blood flow or prevent hypotension in preterm piglets. <i>Physiological Reports</i> , 2014, 2, e12245.	0.7	8
74	Cleavage of the soluble (pro)renin receptor (sATP6AP2) in the placenta. <i>Placenta</i> , 2020, 101, 49-56.	0.7	8
75	FURIN and placental syncytialisation: a cautionary tale. <i>Cell Death and Disease</i> , 2021, 12, 635.	2.7	8
76	Effects of Placental Insufficiency on the Ovine Fetal Renin-Angiotensin System. , 2000, 85, 79.		8
77	Role of the prorenin receptor in endometrial cancer cell growth. <i>Oncotarget</i> , 2022, 13, 587-599.	0.8	8
78	Cardiac vagal action during hypoxia in adult and fetal sheep. <i>Journal of the Autonomic Nervous System</i> , 1986, 16, 23-34.	1.9	7
79	Changes in Renal Function and Blood Volume in the Newborn Lamb Delivered by Cesarean Section. <i>Pediatric Research</i> , 1994, 36, 506-513.	1.1	7
80	The intrauterine renin-angiotensin system: Sex-specific effects on the prevalence of spontaneous preterm birth. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 605-610.	0.9	7
81	The Physiological Roles of the Renin-Angiotensin Aldosterone System and Vasopressin in Human Pregnancy. , 2020, , 129-145.		7
82	Gestational changes in fetal renal and hepatic angiotensinogen mRNA and protein. <i>Reproduction, Fertility and Development</i> , 1998, 10, 399.	0.1	7
83	The Effect of Maternal Hyperglycemia on Acid Base Balance and Lung Liquid Production in the Fetal Sheep. <i>Pediatric Research</i> , 1987, 22, 355-359.	1.1	6
84	Low molecular weight dermatan sulphate (Desmin 370) does not cross the ovine placenta. <i>British Journal of Haematology</i> , 1993, 84, 90-94.	1.2	6
85	Effects of fetal behavioral states on renal sympathetic nerve activity and arterial pressure of unanesthetized fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 285, R908-R916.	0.9	6
86	The synthesis, secretion and uptake of prorenin in human amnion. <i>Physiological Reports</i> , 2015, 3, e12313.	0.7	6
87	Post-traumatic stress disorder symptoms in pregnant Australian Indigenous women residing in rural and remote New South Wales: A cross-sectional descriptive study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2017, 57, 520-525.	0.4	6
88	Reduced blood volume decreases cerebral blood flow in preterm piglets. <i>Journal of Physiology</i> , 2018, 596, 6033-6041.	1.3	6
89	The relationship between maternal adiposity during pregnancy and fetal kidney development and kidney function in infants: the Comeroi gaaynggal study. <i>Physiological Reports</i> , 2019, 7, e14227.	0.7	6
90	Renin-angiotensin system (RAS) enzymes and placental trophoblast syncytialisation. <i>Molecular and Cellular Endocrinology</i> , 2022, 547, 111609.	1.6	6

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91	Maternal Diet Influences Fetal Growth but Not Fetal Kidney Volume in an Australian Indigenous Pregnancy Cohort. <i>Nutrients</i> , 2021, 13, 569.	1.7	5
92	MEASUREMENT OF NET SODIUM INTAKE BY THE OVINE FETUS WITH OESOPHAGEAL LIGATION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1989, 16, 859-866.	0.9	4
93	EFFECTS OF AUTONOMIC BLOCKADE ON THE HYPERTENSIVE RESPONSE OF THE FETUS TO HYPEROSMOLALITY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1989, 16, 873-883.	0.9	4
94	125I[Sar1Ile8] Angiotensin II has a different affinity for AT1 and AT2 receptor subtypes in ovine tissues. <i>Regulatory Peptides</i> , 2002, 105, 83-92.	1.9	4
95	IMPACT OF CORTISOL ON alpha-ACTIN CONTENT IN VASCULAR SMOOTH MUSCLE CELLS OF FETAL SHEEP. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 197-203.	0.9	4
96	The kidney is resistant to chronic hypoglycaemia in late-gestation fetal sheep. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 597-605.	0.7	4
97	Methylation of Promoter Regions of Genes of the Human Intrauterine Renin Angiotensin System and Their Expression. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-12.	0.6	4
98	The role of oxygen in regulating microRNAs in control of the placental renin-angiotensin system. <i>Molecular Human Reproduction</i> , 2019, 25, 206-217.	1.3	4
99	The (pro)renin receptor ((P)RR) and soluble (pro)renin receptor (s(P)RR) in pregnancy. <i>Placenta</i> , 2021, 116, 43-50.	0.7	4
100	Effects of ACTH-Induced Hypertension in the Pregnant Ewe. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 34, 818-823.	0.8	4
101	Interactions between maternal subtotal nephrectomy and salt: effects on renal function and the composition of plasma in the late gestation sheep fetus. <i>Experimental Physiology</i> , 2008, 93, 262-270.	0.9	3
102	Programming of the renin response to haemorrhage by mild maternal renal impairment in sheep. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 102-108.	0.9	3
103	Expression of genes of the cardiac and renal renin-angiotensin systems in preterm piglets: is this system a suitable target for therapeutic intervention?. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2015, 9, 285-296.	1.0	3
104	Maternal insulin-like growth factor 1 and 2 differentially affect the renin-angiotensin system during pregnancy in the guinea pig. <i>Growth Hormone and IGF Research</i> , 2015, 25, 141-147.	0.5	3
105	The prevalence of unique <sc>SNP</sc>s in the renin-angiotensin system highlights the need for pharmacogenetics in Indigenous Australians. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 157-160.	0.9	3
106	The (pro)renin receptor and soluble (pro)renin receptor in choriocarcinoma. <i>Reproduction</i> , 2021, 162, 375-384.	1.1	3
107	Evidence-based circumcision policy for Australia. <i>Journal of Men's Health</i> , 2022, 18, 1.	0.1	3
108	THE CARDIOVASCULAR EFFECTS OF INTRA VERTEBRAL ANGIOTENSIN II BEFORE AND AFTER TREATMENT WITH CLONIDINE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1981, 8, 531-535.	0.9	2

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109	Regulation of the prorenin - angiotensin system by oxygen and miRNAs; parallels between placentation and tumour development?. <i>Placenta</i> , 2017, 56, 27-33.	0.7	2
110	O15. Non-invasive assessment of hemodynamics in early pregnancy. <i>Pregnancy Hypertension</i> , 2011, 1, 264.	0.6	1
111	The Australian Early Origins of Hypertension Workshop: A celebration of the scientific contributions made by Emeritus Scientia Professor Eugenie R Lumbers AM and Professor Caroline McMillen. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 325-327.	0.7	1
112	EFFECTS ON SHEEP BLOOD PRESSURE OF TREATMENT WITH ANGIOTENSIN, STEROIDS AND SALT. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1990, 17, 315-319.	0.9	0
113	Sandford Lloyd Skinner (1933â€“2005). <i>Hypertension</i> , 2005, 46, 452-453.	1.3	0
114	Introduction: Celebrating Emeritus Scientia Professor Eugenie R Lumbers AM and Professor Caroline McMillen. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 740-742.	0.9	0
115	Female preterm indigenous Australian infants have lower renal volumes than males: A predisposing factor for endâ€“stage renal disease?. <i>Nephrology</i> , 2019, 24, 933-937.	0.7	0