

# Matthew W Kemp

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

992  
citations

471509

17  
h-index

454955

30  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Betamethasone phosphate reduces the efficacy of antenatal steroid therapy and is associated with lower birthweights when administered to pregnant sheep in combination with betamethasone acetate. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 564.e1-564.e14.	1.3	12
2	Oxygen and steroids affect the regulatory role of natriuretic peptide receptor-C on surfactant secretion by type II cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L13-L22.	2.9	0
3	Chorioamnionitis Causes Kidney Inflammation, Podocyte Damage, and Pro-fibrotic Changes in Fetal Lambs. <i>Frontiers in Pediatrics</i> , 2022, 10, 796702.	1.9	1
4	Assessment of synthetic red cell therapy for extremely preterm ovine fetuses maintained on an artificial placenta life support platform. <i>Artificial Organs</i> , 2022, 46, 653-665.	1.9	2
5	One percent of the clinical dose used for antenatal steroid therapy is sufficient to induce lung maturation when administered directly to the preterm ovine fetus. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L853-L865.	2.9	3
6	Perinatal care for the extremely preterm infant. <i>Seminars in Fetal and Neonatal Medicine</i> , 2022, 27, 101334.	2.3	3
7	Intestinal Goblet Cell Loss during Chorioamnionitis in Fetal Lambs: Mechanistic Insights and Postnatal Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1946.	4.1	6
8	Sequential Exposure to Antenatal Microbial Triggers Attenuates Alveolar Growth and Pulmonary Vascular Development and Impacts Pulmonary Epithelial Stem/Progenitor Cells. <i>Frontiers in Medicine</i> , 2021, 8, 614239.	2.6	2
9	Chorioamnionitis induces hepatic inflammation and time-dependent changes of the enterohepatic circulation in the ovine fetus. <i>Scientific Reports</i> , 2021, 11, 10331.	3.3	1
10	Surfactant-Assisted Distal Pulmonary Distribution of Budesonide Revealed by Mass Spectrometry Imaging. <i>Pharmaceutics</i> , 2021, 13, 868.	4.5	0
11	Detection of Volatile Organic Compounds as Potential Novel Biomarkers for Chorioamnionitis – Proof of Experimental Models. <i>Frontiers in Pediatrics</i> , 2021, 9, 698489.	1.9	4
12	Direct administration of the non-competitive interleukin-1 receptor antagonist rytvela transiently reduced intrauterine inflammation in an extremely preterm sheep model of chorioamnionitis. <i>PLoS ONE</i> , 2021, 16, e0257847.	2.5	6
13	Chorioamnionitis induces changes in ovine pulmonary endogenous epithelial stem/progenitor cells in utero. <i>Pediatric Research</i> , 2021, 90, 549-558.	2.3	2
14	The duration of fetal antenatal steroid exposure determines the durability of preterm ovine lung maturation. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 183.e1-183.e9.	1.3	19
15	Variability in the efficacy of a standardized antenatal steroid treatment was independent of maternal or fetal plasma drug levels: evidence from a sheep model of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 921.e1-921.e10.	1.3	12
16	Prophylactic Intra-Uterine Î²-Cyclodextrin Administration during Intra-Uterine <i>Ureaplasma parvum</i> Infection Partly Prevents Liver Inflammation without Interfering with the Enterohepatic Circulation of the Fetal Sheep. <i>Nutrients</i> , 2020, 12, 1312.	4.1	4
17	Chronic Intra-Uterine <i>Ureaplasma parvum</i> Infection Induces Injury of the Enteric Nervous System in Ovine Fetuses. <i>Frontiers in Immunology</i> , 2020, 11, 189.	4.8	13
18	Successful use of an artificial placenta-based life support system to treat extremely preterm ovine fetuses compromised by intrauterine inflammation. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 755.e1-755.e20.	1.3	22

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19	Mass spectrometry imaging as a tool for evaluating the pulmonary distribution of exogenous surfactant in premature lambs. <i>Respiratory Research</i> , 2019, 20, 175.	3.6	8
20	Oral antenatal corticosteroids evaluated in fetal sheep. <i>Pediatric Research</i> , 2019, 86, 589-594.	2.3	15
21	Contemporary Challenges and Developments: Antenatal Corticosteroid Therapy. <i>Current Obstetrics and Gynecology Reports</i> , 2019, 8, 115-122.	0.8	2
22	Reply. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 369-370.	1.3	3
23	Successful use of an artificial placenta to support extremely preterm ovine fetuses at the border of viability. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 69.e1-69.e17.	1.3	51
24	Optimizing antenatal corticosteroid therapy. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019, 24, 176-181.	2.3	31
25	Protection of the Ovine Fetal Gut against Ureaplasma-Induced Chorioamnionitis: A Potential Role for Plant Sterols. <i>Nutrients</i> , 2019, 11, 968.	4.1	9
26	Anaemia and Hypoproteinaemia in Pregnant Sheep during Anaesthesia. <i>Animals</i> , 2019, 9, 156.	2.3	2
27	Antenatal corticosteroids for low and middle income countries. <i>Seminars in Perinatology</i> , 2019, 43, 241-246.	2.5	13
28	Antenatal Corticosteroids for Fetal Lung Maturity - Too Much of a Good Thing?. <i>Current Pharmaceutical Design</i> , 2019, 25, 593-600.	1.9	13
29	Extremely preterm fetal sheep lung responses to antenatal steroids and inflammation. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 349.e1-349.e10.	1.3	15
30	Improving pregnancy outcomes in humans through studies in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1123-R1153.	1.8	111
31	The efficacy of antenatal steroid therapy is dependent on the duration of low-concentration fetal exposure: evidence from a sheep model of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 301.e1-301.e16.	1.3	40
32	Successful maintenance of key physiological parameters in preterm lambs treated with ex vivo uterine environment therapy for a period of 1 week. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 457.e1-457.e13.	1.3	48
33	Preclinical evaluation of drugs to block inflammation-driven preterm birth. <i>Innate Immunity</i> , 2017, 23, 20-33.	2.4	14
34	Pregnant Sheep in a Farm Environment Did Not Develop Anaemia. <i>Animals</i> , 2017, 7, 34.	2.3	5
35	Fetal skin as a pro-inflammatory organ: Evidence from a primate model of chorioamnionitis. <i>PLoS ONE</i> , 2017, 12, e0184938.	2.5	10
36	A New, Potent, and Placenta-Permeable Macrolide Antibiotic, Solithromycin, for the Prevention and Treatment of Bacterial Infections in Pregnancy. <i>Frontiers in Immunology</i> , 2016, 7, 111.	4.8	22

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37	Maternofetal pharmacokinetics and fetal lung responses in chronically catheterized sheep receiving constant, low-dose infusions of betamethasone phosphate. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 775.e1-775.e12.	1.3	31
38	<i>Ureaplasma parvum</i> genotype, combined vaginal colonisation with <i>Candida albicans</i> , and spontaneous preterm birth in an Australian cohort of pregnant women. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 312.	2.4	41
39	Neuroinflammation and structural injury of the fetal ovine brain following intra-amniotic <i>Candida albicans</i> exposure. <i>Journal of Neuroinflammation</i> , 2016, 13, 29.	7.2	20
40	Outside-in? Acute fetal systemic inflammation in very preterm chronically catheterized sheep fetuses is not driven by cells in the fetal blood. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 281.e1-281.e10.	1.3	20
41	Biomedical Ph.D. Students Enrolled in Two Elite Universities in the United Kingdom and the United States Report Adopting Multiple Learning Relationships. <i>PLoS ONE</i> , 2014, 9, e103075.	2.5	5
42	Maternal Intravenous Treatment with either Azithromycin or Solithromycin Clears <i>Ureaplasma parvum</i> from the Amniotic Fluid in an Ovine Model of Intrauterine Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5413-5420.	3.2	41
43	Maternal Intravenous Administration of Azithromycin Results in Significant Fetal Uptake in a Sheep Model of Second Trimester Pregnancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6581-6591.	3.2	21
44	Preterm Birth, Intrauterine Infection, and Fetal Inflammation. <i>Frontiers in Immunology</i> , 2014, 5, 574.	4.8	144
45	An analysis of reported motivational orientation in students undertaking doctoral studies in the biomedical sciences. <i>BMC Medical Education</i> , 2014, 14, 38.	2.4	6
46	Peer relationships and the biomedical doctorate: a key component of the contemporary learning environment. <i>Journal of Higher Education Policy and Management</i> , 2013, 35, 370-385.	2.3	9
47	Selective Exposure of the Fetal Lung and Skin/Amnion (but Not Gastro-Intestinal Tract) to LPS Elicits Acute Systemic Inflammation in Fetal Sheep. <i>PLoS ONE</i> , 2013, 8, e63355.	2.5	41
48	Intra-Amniotic Administration of <i>E. coli</i> Lipopolysaccharides Causes Sustained Inflammation of the Fetal Skin in Sheep. <i>Reproductive Sciences</i> , 2012, 19, 1181-1189.	2.5	20
49	Inflammation of the Fetal Ovine Skin Following in utero Exposure to <i>Ureaplasma parvum</i> . <i>Reproductive Sciences</i> , 2011, 18, 1128-1137.	2.5	30
50	Exposure to In Utero Lipopolysaccharide Induces Inflammation in the Fetal Ovine Skin. <i>Reproductive Sciences</i> , 2011, 18, 88-98.	2.5	37