Matthew S Payne

List of Publications by Year
in descending order

57 papers	1,882 citations	331259 21 h-index	276539 41 g-index
58 all docs	58 docs citations	58 times ranked	2580 citing authors

#	Article	IF	Citations
1	The Not-so-Sterile Womb: Evidence That the Human Fetus Is Exposed to Bacteria Prior to Birth. Frontiers in Microbiology, 2019, 10, 1124.	1.5	266
2	Bacteriophage Therapy: Clinical Trials and Regulatory Hurdles. Frontiers in Cellular and Infection Microbiology, 2018, 8, 376.	1.8	222
3	Planting the seed: Origins, composition, and postnatal health significance of the fetal gastrointestinal microbiota. Critical Reviews in Microbiology, 2017, 43, 352-369.	2.7	124
4	Exploring Preterm Birth as a Polymicrobial Disease: An Overview of the Uterine Microbiome. Frontiers in Immunology, 2014, 5, 595.	2.2	118
5	A Critical Review of the Bacterial Baptism Hypothesis and the Impact of Cesarean Delivery on the Infant Microbiome. Frontiers in Medicine, 2018, 5, 135.	1.2	112
6	Perinatal Streptococcus agalactiae Epidemiology and Surveillance Targets. Clinical Microbiology Reviews, 2018, 31, .	5.7	73
7	Comparison of Meconium DNA Extraction Methods for Use in Microbiome Studies. Frontiers in Microbiology, 2018, 9, 270.	1.5	53
8	Determinants of mastitis in women in the CASTLE study: a cohort study. BMC Family Practice, 2015, 16, 181.	2.9	50
9	DoesCandidaand/orStaphylococcusplay a role in nipple and breast pain in lactation? A cohort study in Melbourne, Australia. BMJ Open, 2013, 3, e002351.	0.8	47
10	The human milk microbiome: who, what, when, where, why, and how?. Nutrition Reviews, 2021, 79, 529-543.	2.6	45
11	A specific bacterial DNA signature in the vagina of Australian women in midpregnancy predicts high risk of spontaneous preterm birth (the Predict1000 study). American Journal of Obstetrics and Gynecology, 2021, 224, 206.e1-206.e23.	0.7	43
12	Maternal Intravenous Treatment with either Azithromycin or Solithromycin Clears Ureaplasma parvum from the Amniotic Fluid in an Ovine Model of Intrauterine Infection. Antimicrobial Agents and Chemotherapy, 2014, 58, 5413-5420.	1.4	41
13	Ureaplasma parvum genotype, combined vaginal colonisation with Candida albicans, and spontaneous preterm birth in an Australian cohort of pregnant women. BMC Pregnancy and Childbirth, 2016, 16, 312.	0.9	41
14	The efficacy of antenatal steroid therapy is dependent on the duration of low-concentration fetal exposure: evidence from a sheep model of pregnancy. American Journal of Obstetrics and Gynecology, 2018, 219, 301.e1-301.e16.	0.7	40
15	Applications for Bacteriophage Therapy during Pregnancy and the Perinatal Period. Frontiers in Microbiology, 2017, 8, 2660.	1.5	39
16	The Role of Ureaplasma spp. in the Development of Nongonococcal Urethritis and Infertility among Men. Clinical Microbiology Reviews, 2019, 32, .	5.7	38
17	Comparison of Bacterial DNA Profiles in Mid-Trimester Amniotic Fluid Samples From Preterm and Term Deliveries. Frontiers in Microbiology, 2020, 11, 415.	1.5	31
18	Repeated maternal intramuscular or intraamniotic erythromycin incompletely resolves intrauterine Ureaplasma parvum infection in a sheep model of pregnancy. American Journal of Obstetrics and Gynecology, 2014, 211, 134.e1-134.e9.	0.7	27

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19	The role of micro-organisms (Staphylococcus aureus and Candida albicans) in the pathogenesis of breast pain and infection in lactating women: study protocol. BMC Pregnancy and Childbirth, 2011, 11, 54.	0.9	25
20	Maternal Administration of Solithromycin, a New, Potent, Broad-Spectrum Fluoroketolide Antibiotic, Achieves Fetal and Intra-Amniotic Antimicrobial Protection in a Pregnant Sheep Model. Antimicrobial Agents and Chemotherapy, 2014, 58, 447-454.	1.4	24
21	Fluconazole treatment of intrauterine Candida albicans infection in fetal sheep. Pediatric Research, 2015, 77, 740-748.	1.1	24
22	Infectionâ€mediated preterm birth: Bacterial origins and avenues for intervention. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2019, 59, 781-790.	0.4	24
23	A New, Potent, and Placenta-Permeable Macrolide Antibiotic, Solithromycin, for the Prevention and Treatment of Bacterial Infections in Pregnancy. Frontiers in Immunology, 2016, 7, 111.	2.2	22
24	The Paradoxical Effects of Chronic Intra-Amniotic <i>Ureaplasma parvum</i> Exposure on Ovine Fetal Brain Development. Developmental Neuroscience, 2017, 39, 472-486.	1.0	22
25	Are Mycoplasma hominis, Ureaplasma urealyticum and Ureaplasma parvum Associated With Specific Genital Symptoms and Clinical Signs in Nonpregnant Women?. Clinical Infectious Diseases, 2021, 73, 659-668.	2.9	22
26	Intra-amniotic Candida albicans infection induces mucosal injury and inflammation in the ovine fetal intestine. Scientific Reports, 2016, 6, 29806.	1.6	21
27	Neuroinflammation and structural injury of the fetal ovine brain following intra-amniotic Candida albicans exposure. Journal of Neuroinflammation, 2016, 13, 29.	3.1	20
28	The duration of fetal antenatal steroid exposure determines the durability of preterm ovine lung maturation. American Journal of Obstetrics and Gynecology, 2020, 222, 183.e1-183.e9.	0.7	19
29	High-Resolution Melt PCR Analysis for Genotyping of Ureaplasma parvum Isolates Directly from Clinical Samples. Journal of Clinical Microbiology, 2014, 52, 599-606.	1.8	18
30	Can we modulate the breastfed infant gut microbiota through maternal diet?. FEMS Microbiology Reviews, 2021, 45, .	3.9	18
31	Intrauterine Candida albicans infection elicits severe inflammation in fetal sheep. Pediatric Research, 2014, 75, 716-722.	1.1	17
32	Host range, morphological and genomic characterisation of bacteriophages with activity against clinical Streptococcus agalactiae isolates. PLoS ONE, 2020, 15, e0235002.	1.1	16
33	Human Milk Oligosaccharides and Bacterial Profile Modulate Infant Body Composition during Exclusive Breastfeeding. International Journal of Molecular Sciences, 2022, 23, 2865.	1.8	16
34	Vaginal microbiota during pregnancy: Pathways of risk of preterm delivery in the absence of intrauterine infection?. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6414.	3.3	13
35	Chronic Intra-Uterine Ureaplasma parvum Infection Induces Injury of the Enteric Nervous System in Ovine Fetuses. Frontiers in Immunology, 2020, 11, 189.	2.2	13
36	Tetracycline Resistance Mediated by tet (M) Has Variable Integrative Conjugative Element Composition in Mycoplasma hominis Strains Isolated in the United Kingdom from 2005 to 2015. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	13

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37	In vitro activity of solithromycin and its metabolites, CEM-214 and N-acetyl-CEM-101, against 100 clinical Ureaplasma spp. isolates compared with azithromycin. International Journal of Antimicrobial Agents, 2015, 46, 319-324.	1.1	12
38	A novel one-step real-time multiplex PCR assay to detect Streptococcus agalactiae presence and serotypes Ia, Ib, and III. Diagnostic Microbiology and Infectious Disease, 2017, 89, 7-12.	0.8	12
39	Human Milk Lactose, Insulin, and Glucose Relative to Infant Body Composition during Exclusive Breastfeeding. Nutrients, 2021, 13, 3724.	1.7	12
40	Detection ofCandidaspp. in the vagina of a cohort of nulliparous pregnant women by culture and molecular methods: Is there an association between maternal vaginal and infant oral colonisation?. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2016, 56, 179-184.	0.4	11
41	A specific bacterial DNA signature in the vagina of Australian women in midpregnancy predicts high risk of spontaneous preterm birth (the Predict1000 study). American Journal of Obstetrics and Gynecology, 2021, 224, 635-636.	0.7	10
42	Group B streptococcus prevalence, serotype distribution and colonization dynamics in Western Australian pregnant women. Journal of Medical Microbiology, 2019, 68, 728-740.	0.7	10
43	Protection of the Ovine Fetal Gut against Ureaplasma-Induced Chorioamnionitis: A Potential Role for Plant Sterols. Nutrients, 2019, 11, 968.	1.7	9
44	Genomic characterisation of perinatal Western Australian Streptococcus agalactiae isolates. PLoS ONE, 2019, 14, e0223256.	1.1	8
45	Placental and intra-amniotic inflammation are associated with altered fetal immune responses at birth. Placenta, 2019, 85, 15-23.	0.7	6
46	T cell cytokine responses to stimulation with Ureaplasma parvum in pregnancy. Journal of Reproductive Immunology, 2016, 116, 93-97.	0.8	5
47	Re: â€œAmniotic fluid from healthy term pregnancies does not harbor a detectable microbial communityâ€• (2018) 6:87, https://doi.org/10.1186/s40168-018-0475-7. Microbiome, 2019, 7, 20.	4.9	5
48	Whole blood flow cytometric analysis of Ureaplasma-stimulated monocytes from pregnant women. Journal of Reproductive Immunology, 2015, 109, 84-88.	0.8	4
49	One-step simultaneous detection ofUreaplasma parvumand genotypes SV1, SV3 and SV6 from clinical samples using PlexPCR technology. Letters in Applied Microbiology, 2017, 65, 153-158.	1.0	4
50	Prophylactic Intra-Uterine Î²-Cyclodextrin Administration during Intra-Uterine Ureaplasma parvum Infection Partly Prevents Liver Inflammation without Interfering with the Enterohepatic Circulation of the Fetal Sheep. Nutrients, 2020, 12, 1312.	1.7	4
51	Antenatal Corticosteroid Exposure Disrupts Myelination in the Auditory Nerve of Preterm Sheep. Neonatology, 2018, 114, 62-68.	0.9	3
52	Sequential Exposure to Antenatal Microbial Triggers Attenuates Alveolar Growth and Pulmonary Vascular Development and Impacts Pulmonary Epithelial Stem/Progenitor Cells. Frontiers in Medicine, 2021, 8, 614239.	1.2	2
53	Chorioamnionitis induces changes in ovine pulmonary endogenous epithelial stem/progenitor cells in utero. Pediatric Research, 2021, 90, 549-558.	1.1	2
54	Random amplified polymorphic DNA analysis reveals no clear link between Staphylococcus epidermidis and acute mastitis. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2022, , .	0.4	2

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55	Epidemiology, Antimicrobial Resistance, and Virulence Determinants of Group B Streptococcus in an Australian Setting. Frontiers in Microbiology, 0, 13, .	1.5	2
56	Ureaplasma urealyticum meningitis complicated by hydrocephalus in a preterm neonate. Journal of Paediatrics and Child Health, 2021, , .	0.4	0
57	Maternal Group B Streptococcus colonisation. Microbiology Australia, 2017, 38, 134.	0.1	0