

Matthew S Payne

List of Publications by Year in descending order

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Version: 2024-02-01

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	Random amplified polymorphic DNA analysis reveals no clear link between <i>Staphylococcus epidermidis</i> and acute mastitis. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2022, , .	0.4	2
2	Human Milk Oligosaccharides and Bacterial Profile Modulate Infant Body Composition during Exclusive Breastfeeding. International Journal of Molecular Sciences, 2022, 23, 2865.	1.8	16
3	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
4	Are <i>Mycoplasma hominis</i> , <i>Ureaplasma urealyticum</i> and <i>Ureaplasma parvum</i> Associated With Specific Genital Symptoms and Clinical Signs in Nonpregnant Women?. Clinical Infectious Diseases, 2021, 73, 659-668.	2.9	22
5	Can we modulate the breastfed infant gut microbiota through maternal diet?. FEMS Microbiology Reviews, 2021, 45, .	3.9	18
6	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
7	Tetracycline Resistance Mediated by <i>tet</i> (M) Has Variable Integrative Conjugative Element Composition in <i>Mycoplasma hominis</i> Strains Isolated in the United Kingdom from 2005 to 2015. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	13
8	<i>Ureaplasma urealyticum</i> meningitis complicated by hydrocephalus in a preterm neonate. Journal of Paediatrics and Child Health, 2021, , .	0.4	0
9	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
10	Chorioamnionitis induces changes in ovine pulmonary endogenous epithelial stem/progenitor cells in utero. Pediatric Research, 2021, 90, 549-558.	1.1	2
11	The human milk microbiome: who, what, when, where, why, and how?. Nutrition Reviews, 2021, 79, 529-543.	2.6	45
12	Human Milk Lactose, Insulin, and Glucose Relative to Infant Body Composition during Exclusive Breastfeeding. Nutrients, 2021, 13, 3724.	1.7	12
13	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
14	Prophylactic Intra-Uterine β -Cyclodextrin Administration during Intra-Uterine <i>Ureaplasma parvum</i> Infection Partly Prevents Liver Inflammation without Interfering with the Enterohepatic Circulation of the Fetal Sheep. Nutrients, 2020, 12, 1312.	1.7	4
15	Host range, morphological and genomic characterisation of bacteriophages with activity against clinical <i>Streptococcus agalactiae</i> isolates. PLoS ONE, 2020, 15, e0235002.	1.1	16
16	Chronic Intra-Uterine <i>Ureaplasma parvum</i> Infection Induces Injury of the Enteric Nervous System in Ovine Fetuses. Frontiers in Immunology, 2020, 11, 189.	2.2	13
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	The Role of <i>Ureaplasma</i> spp. in the Development of Nongonococcal Urethritis and Infertility among Men. Clinical Microbiology Reviews, 2019, 32, .	5.7	38

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19	Infection-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
20	Placental and intra-amniotic inflammation are associated with altered fetal immune responses at birth. Placenta, 2019, 85, 15-23.	0.7	6
21	Genomic characterisation of perinatal Western Australian Streptococcus agalactiae isolates. PLoS ONE, 2019, 14, e0223256.	1.1	8
22	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
23	Protection of the Ovine Fetal Gut against Ureaplasma-Induced Chorioamnionitis: A Potential Role for Plant Sterols. Nutrients, 2019, 11, 968.	1.7	9
24	Re: "Amniotic fluid from healthy term pregnancies does not harbor a detectable microbial community" (2018) 6:87, https://doi.org/10.1186/s40168-018-0475-7 . Microbiome, 2019, 7, 20.	4.9	5
25	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
26	Antenatal Corticosteroid Exposure Disrupts Myelination in the Auditory Nerve of Preterm Sheep. Neonatology, 2018, 114, 62-68.	0.9	3
27	Bacteriophage Therapy: Clinical Trials and Regulatory Hurdles. Frontiers in Cellular and Infection Microbiology, 2018, 8, 376.	1.8	222
28	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
29	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
30	Comparison of Meconium DNA Extraction Methods for Use in Microbiome Studies. Frontiers in Microbiology, 2018, 9, 270.	1.5	53
31	Perinatal Streptococcus agalactiae Epidemiology and Surveillance Targets. Clinical Microbiology Reviews, 2018, 31, .	5.7	73
32	One-step simultaneous detection of Ureaplasma parvum and genotypes SV1, SV3 and SV6 from clinical samples using PlexPCR technology. Letters in Applied Microbiology, 2017, 65, 153-158.	1.0	4
33	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
34	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
35	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
36	Applications for Bacteriophage Therapy during Pregnancy and the Perinatal Period. Frontiers in Microbiology, 2017, 8, 2660.	1.5	39

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37	Maternal Group B Streptococcus colonisation. <i>Microbiology Australia</i> , 2017, 38, 134.	0.1	0
38	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.	2.2	22
39	Detection of <i>Candida</i> spp. 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?. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2016, 56, 179-184.	0.4	11
40	Intra-amniotic <i>Candida albicans</i> infection induces mucosal injury and inflammation in the ovine fetal intestine. <i>Scientific Reports</i> , 2016, 6, 29806.	1.6	21
41	<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.	0.9	41
42	T cell cytokine responses to stimulation with <i>Ureaplasma parvum</i> in pregnancy. <i>Journal of Reproductive Immunology</i> , 2016, 116, 93-97.	0.8	5
43	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.	3.1	20
44	Determinants of mastitis in women in the CASTLE study: a cohort study. <i>BMC Family Practice</i> , 2015, 16, 181.	2.9	50
45	Whole blood flow cytometric analysis of <i>Ureaplasma</i> -stimulated monocytes from pregnant women. <i>Journal of Reproductive Immunology</i> , 2015, 109, 84-88.	0.8	4
46	In vitro activity of solithromycin and its metabolites, CEM-214 and N-acetyl-CEM-101, against 100 clinical <i>Ureaplasma</i> spp. isolates compared with azithromycin. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 319-324.	1.1	12
47	Vaginal microbiota during pregnancy: Pathways of risk of preterm delivery in the absence of intrauterine infection?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6414.	3.3	13
48	Fluconazole treatment of intrauterine <i>Candida albicans</i> infection in fetal sheep. <i>Pediatric Research</i> , 2015, 77, 740-748.	1.1	24
49	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.	1.4	41
50	Exploring Preterm Birth as a Polymicrobial Disease: An Overview of the Uterine Microbiome. <i>Frontiers in Immunology</i> , 2014, 5, 595.	2.2	118
51	Maternal Administration of Solithromycin, a New, Potent, Broad-Spectrum Fluoroketolide Antibiotic, Achieves Fetal and Intra-Amniotic Antimicrobial Protection in a Pregnant Sheep Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 447-454.	1.4	24
52	Repeated maternal intramuscular or intraamniotic erythromycin incompletely resolves intrauterine <i>Ureaplasma parvum</i> infection in a sheep model of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 134.e1-134.e9.	0.7	27
53	High-Resolution Melt PCR Analysis for Genotyping of <i>Ureaplasma parvum</i> Isolates Directly from Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2014, 52, 599-606.	1.8	18
54	Intrauterine <i>Candida albicans</i> infection elicits severe inflammation in fetal sheep. <i>Pediatric Research</i> , 2014, 75, 716-722.	1.1	17

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55	Does <i>Candida</i> and/or <i>Staphylococcus</i> play a role in nipple and breast pain in lactation? A cohort study in Melbourne, Australia. <i>BMJ Open</i> , 2013, 3, e002351.	0.8	47
56	The role of micro-organisms (<i>Staphylococcus aureus</i> and <i>Candida albicans</i>) in the pathogenesis of breast pain and infection in lactating women: study protocol. <i>BMC Pregnancy and Childbirth</i> , 2011, 11, 54.	0.9	25
57	Epidemiology, Antimicrobial Resistance, and Virulence Determinants of Group B <i>Streptococcus</i> in an Australian Setting. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2