

# David Michael Aronoff

## List of Publications by Citations

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205  
papers

5,968  
citations

41  
h-index

68  
g-index

217  
ext. papers

7,141  
ext. citations

5  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
205	Prostaglandin E2 inhibits alveolar macrophage phagocytosis through an E-prostanoid 2 receptor-mediated increase in intracellular cyclic AMP. <i>Journal of Immunology</i> , <b>2004</b> , 173, 559-65	5.3	273
204	Cyclic AMP: master regulator of innate immune cell function. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2008</b> , 39, 127-32	5.7	262
203	Cutting edge: macrophage inhibition by cyclic AMP (cAMP): differential roles of protein kinase A and exchange protein directly activated by cAMP-1. <i>Journal of Immunology</i> , <b>2005</b> , 174, 595-9	5.3	187
202	Microbiome data distinguish patients with Clostridium difficile infection and non-C. difficile-associated diarrhea from healthy controls. <i>MBio</i> , <b>2014</b> , 5, e01021-14	7.8	185
201	Antipyretics: mechanisms of action and clinical use in fever suppression. <i>American Journal of Medicine</i> , <b>2001</b> , 111, 304-15	2.4	184
200	Determinants of the cellular specificity of acetaminophen as an inhibitor of prostaglandin H(2) synthases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 7130-5	11.5	173
199	Clostridium difficile ribotype does not predict severe infection. <i>Clinical Infectious Diseases</i> , <b>2012</b> , 55, 1661-8	11.6	144
198	Epidemiology of Clostridium difficile infection. <i>Journal of Pharmacy Practice</i> , <b>2013</b> , 26, 464-75	1.3	143
197	New insights into the mechanism of action of acetaminophen: Its clinical pharmacologic characteristics reflect its inhibition of the two prostaglandin H2 synthases. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 79, 9-19	6.1	135
196	Prostaglandin E2 suppresses bacterial killing in alveolar macrophages by inhibiting NADPH oxidase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2007</b> , 37, 562-70	5.7	122
195	Prostaglandin E(2) inhibits fibroblast migration by E-prostanoid 2 receptor-mediated increase in PTEN activity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2005</b> , 32, 135-41	5.7	114
194	Cefoperazone-treated mice as an experimental platform to assess differential virulence of Clostridium difficile strains. <i>Gut Microbes</i> , <b>2011</b> , 2, 326-34	8.8	113
193	Cigarette smoke exposure impairs pulmonary bacterial clearance and alveolar macrophage complement-mediated phagocytosis of Streptococcus pneumoniae. <i>Infection and Immunity</i> , <b>2010</b> , 78, 1214-20	3.7	106
192	Macrophage Extracellular Traps: A Scoping Review. <i>Journal of Innate Immunity</i> , <b>2018</b> , 10, 3-13	6.9	94
191	Clostridium difficile ribotype 027: relationship to age, detectability of toxins A or B in stool with rapid testing, severe infection, and mortality. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 233-41	11.6	93
190	Role of granulocyte macrophage colony-stimulating factor during gram-negative lung infection with Pseudomonas aeruginosa. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2006</b> , 34, 766-74	5.7	84
189	1671. Impact of Zika Syndrome on Brazilian Infant Mortality Rate. <i>Open Forum Infectious Diseases</i> , <b>2019</b> , 6, S611-S612	1	78

188	2357. Radiological Findings in Microcephaly Cases During 2015-2016 Zika Outbreak: A Descriptive Study. <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S701-S702	1	78
187	2011. Identification of Streptococcus agalactiae on Human Fetal Membrane Tissues Using Raman Microspectroscopy. <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S586-S586	1	78
186	Human Milk Oligosaccharides Exhibit Antimicrobial and Antibiofilm Properties against Group B Streptococcus. <i>ACS Infectious Diseases</i> , <b>2017</b> , 3, 595-605	5.5	74
185	Critical role of prostaglandin E2 overproduction in impaired pulmonary host response following bone marrow transplantation. <i>Journal of Immunology</i> , <b>2006</b> , 177, 5499-508	5.3	74
184	Synthetic prostacyclin analogs differentially regulate macrophage function via distinct analog-receptor binding specificities. <i>Journal of Immunology</i> , <b>2007</b> , 178, 1628-34	5.3	74
183	Necrotizing fasciitis: pathogenesis and treatment. <i>Expert Review of Anti-Infective Therapy</i> , <b>2005</b> , 3, 279-94	5	70
182	Phosphorylation by protein kinase a inhibits nuclear import of 5-lipoxygenase. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 40609-16	5.4	61
181	The class A scavenger receptor, macrophage receptor with collagenous structure, is the major phagocytic receptor for Clostridium sordellii expressed by human decidual macrophages. <i>Journal of Immunology</i> , <b>2010</b> , 185, 4328-35	5.3	59
180	Prostaglandin E2 suppresses allergic sensitization and lung inflammation by targeting the E prostanoic acid 2 receptor on T cells. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 379-87	11.5	56
179	The relationship between phenotype, ribotype, and clinical disease in human Clostridium difficile isolates. <i>Anaerobe</i> , <b>2013</b> , 24, 109-16	2.8	55
178	Misoprostol impairs female reproductive tract innate immunity against Clostridium sordellii. <i>Journal of Immunology</i> , <b>2008</b> , 180, 8222-30	5.3	55
177	Antimicrobial and Antibiofilm Activity of Human Milk Oligosaccharides against Streptococcus agalactiae, Staphylococcus aureus, and Acinetobacter baumannii. <i>ACS Infectious Diseases</i> , <b>2018</b> , 4, 315-324	5.5	54
176	Short communication: differences between macrophages and dendritic cells in the cyclic AMP-dependent regulation of lipopolysaccharide-induced cytokine and chemokine synthesis. <i>Journal of Interferon and Cytokine Research</i> , <b>2006</b> , 26, 827-33	3.5	52
175	Specific leukotriene receptors couple to distinct G proteins to effect stimulation of alveolar macrophage host defense functions. <i>Journal of Immunology</i> , <b>2007</b> , 179, 5454-61	5.3	52
174	Depression, antidepressant medications, and risk of Clostridium difficile infection. <i>BMC Medicine</i> , <b>2013</b> , 11, 121	11.4	51
173	Distinct protein kinase A anchoring proteins direct prostaglandin E2 modulation of Toll-like receptor signaling in alveolar macrophages. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 8875-83	5.4	51
172	Prostaglandin E2 restrains macrophage maturation via E prostanoic acid 2/protein kinase A signaling. <i>Blood</i> , <b>2012</b> , 119, 2358-67	2.2	49
171	A clinical and epidemiological review of non-toxicogenic Clostridium difficile. <i>Anaerobe</i> , <b>2013</b> , 22, 1-5	2.8	48

170	Masks and Coronavirus Disease 2019 (COVID-19). <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 2103	27.4	45
169	Postoperative burden of hospital-acquired <i>Clostridium difficile</i> infection. <i>Infection Control and Hospital Epidemiology</i> , <b>2015</b> , 36, 40-6	2	44
168	Maternal physiologic parameters in relationship to systemic inflammatory response syndrome criteria: a systematic review and meta-analysis. <i>Obstetrics and Gynecology</i> , <b>2014</b> , 124, 535-541	4.9	43
167	Leukotriene B4 enhances innate immune defense against the puerperal sepsis agent <i>Streptococcus pyogenes</i> . <i>Journal of Immunology</i> , <b>2013</b> , 190, 1614-22	5.3	42
166	Poor functional status as a risk factor for severe <i>Clostridium difficile</i> infection in hospitalized older adults. <i>Journal of the American Geriatrics Society</i> , <b>2013</b> , 61, 1738-42	5.6	41
165	E-prostanoid 3 receptor deletion improves pulmonary host defense and protects mice from death in severe <i>Streptococcus pneumoniae</i> infection. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2642-9	5.3	41
164	TcsL is an essential virulence factor in <i>Clostridium sordellii</i> ATCC 9714. <i>Infection and Immunity</i> , <b>2011</b> , 79, 1025-32	3.7	41
163	Activation of phosphatase and tensin homolog on chromosome 10 mediates the inhibition of FcγR phagocytosis by prostaglandin E2 in alveolar macrophages. <i>Journal of Immunology</i> , <b>2007</b> , 179, 8350-6	5.3	41
162	Blunt trauma as a risk factor for group A streptococcal necrotizing fasciitis. <i>Annals of Epidemiology</i> , <b>2007</b> , 17, 878-81	6.4	40
161	The trigeminal trophic syndrome: an unusual cause of nasal ulceration. <i>Journal of the American Academy of Dermatology</i> , <b>2004</b> , 50, 949-52	4.5	40
160	Higher rates of <i>Clostridium difficile</i> infection among smokers. <i>PLoS ONE</i> , <b>2012</b> , 7, e42091	3.7	40
159	Group B Induces Neutrophil Recruitment to Gestational Tissues and Elaboration of Extracellular Traps and Nutritional Immunity. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 19	5.9	36
158	<i>Clostridium difficile</i> ribotype diversity at six health care institutions in the United States. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 1938-41	9.7	36
157	The systemic inflammatory response to <i>Clostridium difficile</i> infection. <i>PLoS ONE</i> , <b>2014</b> , 9, e92578	3.7	36
156	Leukotriene B4 mediates p47phox phosphorylation and membrane translocation in polyunsaturated fatty acid-stimulated neutrophils. <i>Journal of Leukocyte Biology</i> , <b>2005</b> , 78, 976-84	6.5	35
155	Voriconazole-induced photosensitivity. <i>Clinical Medicine and Research</i> , <b>2008</b> , 6, 83-5	1.4	34
154	COX-2-PGE Signaling Impairs Intestinal Epithelial Regeneration and Associates with TNF Inhibitor Responsiveness in Ulcerative Colitis. <i>EBioMedicine</i> , <b>2018</b> , 36, 497-507	8.8	34
153	Cyclooxygenase inhibition in sepsis: is there life after death?. <i>Mediators of Inflammation</i> , <b>2012</b> , 2012, 696897	4.3	32

152	Inhibition of prostaglandin H2 synthases by salicylate is dependent on the oxidative state of the enzymes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 304, 589-95	4.7	32
151	Procalcitonin levels associate with severity of Clostridium difficile infection. <i>PLoS ONE</i> , <b>2013</b> , 8, e58265	3.7	32
150	Variation in germination of Clostridium difficile clinical isolates correlates to disease severity. <i>Anaerobe</i> , <b>2015</b> , 33, 64-70	2.8	31
149	Current concepts in maternal-fetal immunology: Recognition and response to microbial pathogens by decidual stromal cells. <i>American Journal of Reproductive Immunology</i> , <b>2017</b> , 77, e12623	3.8	30
148	Food Safety and COVID-19. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1982	27.4	30
147	Bacterial DNA is present in the fetal intestine and overlaps with that in the placenta in mice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197439	3.7	30
146	Nonsteroidal Anti-inflammatory Drugs Alter the Microbiota and Exacerbate Colitis while Dysregulating the Inflammatory Response. <i>MBio</i> , <b>2019</b> , 10,	7.8	30
145	11,12-epoxyeicosatrienoic acid attenuates synthesis of prostaglandin E2 in rat monocytes stimulated with lipopolysaccharide. <i>Experimental Biology and Medicine</i> , <b>2003</b> , 228, 786-94	3.7	29
144	Sex modifies placental gene expression in response to metabolic and inflammatory stress. <i>Placenta</i> , <b>2019</b> , 78, 1-9	3.4	29
143	Therapies for necrotising fasciitis. <i>Expert Opinion on Biological Therapy</i> , <b>2006</b> , 6, 155-65	5.4	28
142	Clostridium novyi, sordellii, and tetani: mechanisms of disease. <i>Anaerobe</i> , <b>2013</b> , 24, 98-101	2.8	27
141	Viral infections of the central nervous system: a case-based review. <i>Clinical Medicine and Research</i> , <b>2009</b> , 7, 142-6	1.4	27
140	Streptococcus agalactiae Induces Placental Macrophages To Release Extracellular Traps Loaded with Tissue Remodeling Enzymes via an Oxidative Burst-Dependent Mechanism. <i>MBio</i> , <b>2018</b> , 9,	7.8	27
139	Transparency and Trust During the Coronavirus Disease 2019 (COVID-19) Pandemic. <i>Journal of the American College of Radiology</i> , <b>2020</b> , 17, 909-912	3.5	26
138	Preoperative risk factors for postoperative Clostridium difficile infection in colectomy patients. <i>American Journal of Surgery</i> , <b>2013</b> , 205, 343-7; discussion 347-8	2.7	26
137	Lethal toxin is a critical determinant of rapid mortality in rodent models of Clostridium sordellii endometritis. <i>Anaerobe</i> , <b>2010</b> , 16, 155-60	2.8	26
136	Lipid profiling of polarized human monocyte-derived macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2016</b> , 127, 1-8	3.7	24
135	Identification of toxemia in patients with Clostridium difficile infection. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124235	3.7	24

134	Accelerating Precision Drug Development and Drug Repurposing by Leveraging Human Genetics. <i>Assay and Drug Development Technologies</i> , <b>2017</b> , 15, 113-119	2.1	23
133	Detection of mixed populations of <i>Clostridium difficile</i> from symptomatic patients using capillary-based polymerase chain reaction ribotyping. <i>Infection Control and Hospital Epidemiology</i> , <b>2013</b> , 34, 961-966	2	23
132	Two pathways for cyclooxygenase-2 protein degradation in vivo. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 30742-53	5.4	23
131	A Clinical Review of Diabetic Foot Infections. <i>Clinics in Podiatric Medicine and Surgery</i> , <b>2019</b> , 36, 381-395	0.9	22
130	The STAT4/MLL1 Epigenetic Axis Regulates the Antimicrobial Functions of Murine Macrophages. <i>Journal of Immunology</i> , <b>2017</b> , 199, 1865-1874	5.3	22
129	Ablation of leptin receptor-mediated ERK activation impairs host defense against Gram-negative pneumonia. <i>Journal of Immunology</i> , <b>2012</b> , 189, 867-75	5.3	22
128	Rap1 activation is required for Fc gamma receptor-dependent phagocytosis. <i>Journal of Immunology</i> , <b>2008</b> , 181, 5501-9	5.3	22
127	Mono-ethylhexyl phthalate stimulates prostaglandin secretion in human placental macrophages and THP-1 cells. <i>Reproductive Biology and Endocrinology</i> , <b>2015</b> , 13, 56	5	21
126	Using What We Already Have: Uncovering New Drug Repurposing Strategies in Existing Omics Data. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2020</b> , 60, 333-352	17.9	21
125	Organs-on-Chips as Bridges for Predictive Toxicology. <i>Applied in Vitro Toxicology</i> , <b>2016</b> , 2, 97-102	1.3	20
124	Decidual stromal cell-derived PGE regulates macrophage responses to microbial threat. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 80, e13032	3.8	20
123	Differential regulation by leukotrienes and calcium of Fc gamma receptor-induced phagocytosis and Syk activation in dendritic cells versus macrophages. <i>Journal of Leukocyte Biology</i> , <b>2006</b> , 79, 1234-41	6.5	20
122	COVID-19 vaccine prioritisation for type 1 and type 2 diabetes. <i>Lancet Diabetes and Endocrinology</i> , <b>2021</b> , 9, 140-141	18.1	20
121	E-prostanoid 2 receptor signaling suppresses lung innate immunity against <i>Streptococcus pneumoniae</i> . <i>Prostaglandins and Other Lipid Mediators</i> , <b>2012</b> , 98, 23-30	3.7	19
120	Severe hemorrhage complicating the Klippel-Träunay-Weber syndrome. <i>Southern Medical Journal</i> , <b>1998</b> , 91, 1073-5	0.6	19
119	Prostaglandins D and E have opposite effects on alveolar macrophages infected with. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 195-206	6.3	19
118	Differing mechanisms of surviving phagosomal stress among group B <i>Streptococcus</i> strains of varying genotypes. <i>Virulence</i> , <b>2017</b> , 8, 924-937	4.7	18
117	Intrauterine group A streptococcal infections are exacerbated by prostaglandin E2. <i>Journal of Immunology</i> , <b>2013</b> , 191, 2457-65	5.3	18

116	Phosphatase and tensin homologue on chromosome 10 (PTEN) directs prostaglandin E2-mediated fibroblast responses via regulation of E prostanoid 2 receptor expression. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 32264-71	5.4	18
115	Dexamethasone effects in the <i>Strongyloides venezuelensis</i> infection in a murine model. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2011</b> , 84, 957-66	3.2	18
114	<i>Clostridium sordellii</i> toxic shock syndrome. <i>Lancet Infectious Diseases, The</i> , <b>2009</b> , 9, 725-6	25.5	18
113	Stimulatory Effects of Peroxisome Proliferator-Activated Receptor-gamma on Fcgamma Receptor-Mediated Phagocytosis by Alveolar Macrophages. <i>PPAR Research</i> , <b>2007</b> , 2007, 52546	4.3	18
112	"I will leave the baby with my mother": Long-distance travel and follow-up care among HIV-positive pregnant and postpartum women in South Africa. <i>Journal of the International AIDS Society</i> , <b>2018</b> , 21 Suppl 4, e25121	5.4	18
111	Postpartum invasive group A streptococcal disease in the modern era. <i>Infectious Diseases in Obstetrics and Gynecology</i> , <b>2008</b> , 2008, 796892	2.4	17
110	Instrumenting a Fetal Membrane on a Chip as Emerging Technology for Preterm Birth Research. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 6115-6124	3.3	17
109	Role of cytokine signaling in group B Streptococcus-stimulated expression of human beta defensin-2 in human extraplacental membranes. <i>American Journal of Reproductive Immunology</i> , <b>2015</b> , 73, 263-72	3.8	16
108	Association and virulence gene expression vary among serotype III group B streptococcus isolates following exposure to decidual and lung epithelial cells. <i>Infection and Immunity</i> , <b>2014</b> , 82, 4587-95	3.7	16
107	Prostaglandin E2 activates Rap1 via EP2/EP4 receptors and cAMP-signaling in rheumatoid synovial fibroblasts: involvement of Epac1 and PKA. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2009</b> , 89, 26-33	3.7	16
106	Counterregulation of Th2 immunity by interleukin 12 reduces host defenses against <i>Strongyloides venezuelensis</i> infection. <i>Micropbes and Infection</i> , <b>2009</b> , 11, 571-8	9.3	16
105	Prostaglandin E2 induction during mouse adenovirus type 1 respiratory infection regulates inflammatory mediator generation but does not affect viral pathogenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e77628	3.7	16
104	Investigation of the Role That NADH Peroxidase Plays in Oxidative Stress Survival in Group B. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2786	5.7	16
103	A role for cellular senescence in birth timing. <i>Cell Cycle</i> , <b>2017</b> , 16, 2023-2031	4.7	15
102	Regulation of alveolar macrophage p40phox: hierarchy of activating kinases and their inhibition by PGE2. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 92, 219-31	6.5	15
101	Effects of prostaglandin E2 on the subcellular localization of Epac-1 and Rap1 proteins during Fcgamma-receptor-mediated phagocytosis in alveolar macrophages. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 255-63	4.2	15
100	Indomethacin increases severity of <i>Clostridium difficile</i> infection in mouse model. <i>Future Microbiology</i> , <b>2018</b> , 13, 1271-1281	2.9	15
99	EP4 and EP2 receptor activation of protein kinase A by prostaglandin E2 impairs macrophage phagocytosis of <i>Clostridium sordellii</i> . <i>American Journal of Reproductive Immunology</i> , <b>2014</b> , 71, 34-43	3.8	14



98	Non-toxigenic <i>Clostridium sordellii</i> : clinical and microbiological features of a case of cholangitis-associated bacteremia. <i>Anaerobe</i> , <b>2011</b> , 17, 252-6	2.8	14
97	Placental pericytes and cytomegalovirus infectivity: Implications for HCMV placental pathology and congenital disease. <i>American Journal of Reproductive Immunology</i> , <b>2017</b> , 78, e12728	3.8	14
96	High prevalence of Group B Streptococcus colonization among pregnant women in Amman, Jordan. <i>BMC Pregnancy and Childbirth</i> , <b>2019</b> , 19, 177	3.2	13
95	Emergence of Carbapenemase-producing <i>Klebsiella Pneumoniae</i> of Sequence type 258 in Michigan, USA. <i>Gastroenterology Insights</i> , <b>2013</b> , 5, e5	2.1	13
94	The effects of a single cervical inoculation of <i>Chlamydia trachomatis</i> on the female reproductive tract of the baboon ( <i>Papio anubis</i> ). <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 1305-12	7	13
93	Eicosanoids in non-febrile thermoregulation. <i>Progress in Brain Research</i> , <b>2007</b> , 162, 15-25	2.9	13
92	A Solution to Antifolate Resistance in Group B : Untargeted Metabolomics Identifies Human Milk Oligosaccharide-Induced Perturbations That Result in Potentiation of Trimethoprim. <i>MBio</i> , <b>2020</b> , 11,	7.8	13
91	Calcium channel blockers as drug repurposing candidates for gestational diabetes: Mining large scale genomic and electronic health records data to repurpose medications. <i>Pharmacological Research</i> , <b>2018</b> , 130, 44-51	10.2	12
90	A Nonhemolytic Group B Streptococcus Strain Exhibits Hypervirulence. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 983-987	7	12
89	Gestational diabetes mellitus is associated with increased CD163 expression and iron storage in the placenta. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 80, e13020	3.8	12
88	Antibacterial and Anti-biofilm Activity of the Human Breast Milk Glycoprotein Lactoferrin against Group B Streptococcus. <i>ChemBioChem</i> , <b>2021</b> , 22, 2124-2133	3.8	12
87	<i>Staphylococcus aureus</i> Infection of Human Gestational Membranes Induces Bacterial Biofilm Formation and Host Production of Cytokines. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 653-657	7	12
86	The immune response to toxocariasis does not modify susceptibility to <i>Mycobacterium tuberculosis</i> infection in BALB/c mice. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2007</b> , 77, 691-8	3.2	12
85	Fetal Membrane Organ-On-Chip: An Innovative Approach to Study Cellular Interactions. <i>Reproductive Sciences</i> , <b>2019</b> , 1933719119828084	3	11
84	Lactoferrin: A Critical Mediator of Both Host Immune Response and Antimicrobial Activity in Response to Streptococcal Infections. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 1615-1623	5.5	11
83	Historical and contemporary features of infections due to <i>Clostridium novyi</i> . <i>Anaerobe</i> , <b>2018</b> , 50, 80-84	2.8	11
82	Misoprostol protects mice against severe <i>Clostridium difficile</i> infection and promotes recovery of the gut microbiota after antibiotic perturbation. <i>Anaerobe</i> , <b>2019</b> , 58, 89-94	2.8	10
81	Prevalence of relative bradycardia in <i>Orientia tsutsugamushi</i> infection. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 477-9	3.2	10



80	Impact of the Levonorgestrel-Releasing Intrauterine System on the Progression of Chlamydia trachomatis Infection to Pelvic Inflammatory Disease in a Baboon Model. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 656-666	7	9
79	The acute phase of Trypanosoma cruzi infection is attenuated in 5-lipoxygenase-deficient mice. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 893634	4.3	9
78	Pseudo-outbreak of Clostridium sordellii infection following probable cross-contamination in a hospital clinical microbiology laboratory. <i>Infection Control and Hospital Epidemiology</i> , <b>2010</b> , 31, 640-2	2	9
77	COVID-19-related disease severity in pregnancy. <i>American Journal of Reproductive Immunology</i> , <b>2020</b> , 84, e13339	3.8	9
76	Increased lethality and defective pulmonary clearance of Streptococcus pneumoniae in microsomal prostaglandin E synthase-1-knockout mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 310, L1111-20	5.8	9
75	Protein kinase D mediates inflammatory responses of human placental macrophages to Group B Streptococcus. <i>American Journal of Reproductive Immunology</i> , <b>2019</b> , 81, e13075	3.8	9
74	Low prevalence of Clostridium septicum fecal carriage in an adult population. <i>Anaerobe</i> , <b>2015</b> , 32, 34-36	2.8	8
73	West Nile virus meningitis in patient with common variable immunodeficiency. <i>Emerging Infectious Diseases</i> , <b>2003</b> , 9, 1353-4	10.2	8
72	Storage duration of red blood cell transfusion and Clostridium difficile infection: a within person comparison. <i>PLoS ONE</i> , <b>2014</b> , 9, e89332	3.7	8
71	Draft Genome Sequence of an Invasive Streptococcus agalactiae Isolate Lacking Pigmentation. <i>Genome Announcements</i> , <b>2016</b> , 4,		8
70	The Impact of State Mask-Wearing Requirements on the Growth of Coronavirus Disease 2019 Cases, Hospitalizations, and Deaths in the United States. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 1703-1706	11.6	8
69	Using Live Pathogens to Treat Infectious Diseases: A Historical Perspective on the Relationship between Gb Virus C and HIV. <i>Antiviral Therapy</i> , <b>2002</b> , 7, 73-80	1.6	8
68	Modulation of Death and Inflammatory Signaling in Decidual Stromal Cells following Exposure to Group B. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	7
67	Fetal Membrane Organ-On-Chip: An Innovative Approach to Study Cellular Interactions. <i>Reproductive Sciences</i> , <b>2020</b> , 27, 1562-1569	3	7
66	Clostridium difficile-induced colitis in mice is independent of leukotrienes. <i>Anaerobe</i> , <b>2014</b> , 30, 90-8	2.8	7
65	Fecal microbiota therapy: ready for prime time?. <i>Infection Control and Hospital Epidemiology</i> , <b>2014</b> , 35, 28-30	2	7
64	And then there were none: the consequences of academia losing clinically excellent physicians. <i>Clinical Medicine and Research</i> , <b>2009</b> , 7, 125-6	1.4	7
63	Comparative analysis of the extracellular proteomes of two Clostridium sordellii strains exhibiting contrasting virulence. <i>Anaerobe</i> , <b>2010</b> , 16, 454-60	2.8	7

62	"I just wish that everything is in one place": facilitators and barriers to continuity of care among HIV-positive, postpartum women with a non-communicable disease in South Africa. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , <b>2018</b> , 30, 5-10	2.2	7
61	Genetically distinct Group B Streptococcus strains induce varying macrophage cytokine responses. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222910	3.7	6
60	No Impairment in host defense against Streptococcus pneumoniae in obese CPEfat/fat mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e106420	3.7	6
59	Vitamin D and Streptococci: The Interface of Nutrition, Host Immune Response, and Antimicrobial Activity in Response to Infection. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 3131-3140	5.5	6
58	Sex-Dependent Influence of Developmental Toxicant Exposure on Group B Streptococcus-Mediated Preterm Birth in a Murine Model. <i>Reproductive Sciences</i> , <b>2018</b> , 25, 662-673	3	6
57	Prostaglandin E2 Regulation of Macrophage Innate Immunity. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 19-25	4	5
56	PregOMICS-Leveraging systems biology and bioinformatics for drug repurposing in maternal-child health. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 80, e12971	3.8	5
55	Feasibility of LNG-IUS in a baboon model. <i>Contraception</i> , <b>2013</b> , 87, 380-4	2.5	5
54	Palmitate induces apoptotic cell death and inflammasome activation in human placental macrophages. <i>Placenta</i> , <b>2020</b> , 90, 45-51	3.4	5
53	The impact of Lactobacillus on group B streptococcal interactions with cells of the extraplacental membranes. <i>Microbial Pathogenesis</i> , <b>2020</b> , 148, 104463	3.8	5
52	Disruption of medical care among individuals in the southeastern United States during the COVID-19 pandemic. <i>Journal of Public Health Research</i> , <b>2021</b> ,	2.2	5
51	Understanding increased mortality in Clostridium difficile-infected older adults. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 57, 625-6	11.6	4
50	Aspirin and Reye's syndrome: discovery of aspirin and paracetamol. <i>Drug Safety</i> , <b>2002</b> , 25, 751	5.1	4
49	Variation in Macrophage Phagocytosis of Does Not Reflect Bacterial Capsular Serotype, Multilocus Sequence Type, or Association with Invasive Infection. <i>Pathogens and Immunity</i> , <b>2018</b> , 3, 63-71	4.9	4
48	Machine learning on drug-specific data to predict small molecule teratogenicity. <i>Reproductive Toxicology</i> , <b>2020</b> , 95, 148-158	3.4	4
47	Raman microspectroscopy differentiates perinatal pathogens on ex vivo infected human fetal membrane tissues. <i>Journal of Biophotonics</i> , <b>2019</b> , 12, e201800449	3.1	3
46	Perinatal Case Fatality Rate Related to Congenital Zika Syndrome in Brazil: A Cross-Sectional Study. <i>Pediatric Neurology</i> , <b>2018</b> , 81, 47-48	2.9	3
45	Mesangial cells, specialized renal pericytes and cytomegalovirus infectivity: Implications for HCMV pathology in the glomerular vascular unit and post-transplant renal disease. <i>Journal of Translational Science</i> , <b>2019</b> , 5,	2.2	3

44	Gender Differences in Non-Toxigenic Colonization and Risk of Subsequent	<b>2015</b> , 2,		3
43	The PathLink Acquired Gestational Tissue Bank: Feasibility of Project PLACENTA	<b>2018</b> , 7, 14-27		3
42	Prostaglandin I2 signaling licenses Treg suppressive function and prevents pathogenic reprogramming.	<i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	3
41	Systematically Prioritizing Candidates in Genome-Based Drug Repurposing.	<i>Assay and Drug Development Technologies</i> , <b>2019</b> , 17, 352-363	2.1	3
40	Mildred Rebstock: Profile of the Medicinal Chemist Who Synthesized Chloramphenicol.	<i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	2
39	Reply to Planche et al.	<i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 1211-2	11.6	2
38	EHRs could clarify drug safety in pregnant people.	<i>Nature Medicine</i> , <b>2020</b> , 26, 820-821	50.5	2
37	When Enough Is Enough: Decision Criteria for Moving a Known Drug into Clinical Testing for a New Indication in the Absence of Preclinical Efficacy Data.	<i>Assay and Drug Development Technologies</i> , <b>2017</b> , 15, 354-361	2.1	2
36	A review of the website TeamScience.net.	<i>Clinical Medicine and Research</i> , <b>2012</b> , 10, 38-9	1.4	2
35	DECONSTRUCTING EXTRAPLACENTAL MEMBRANES TO UNDERSTAND BACTERIAL CHORIOAMNIONITIS.	<i>Transactions of the American Clinical and Climatological Association</i> , <b>2020</b> , 131, 72-79	0.9	2
34	Streptococcus agalactiae induces placental macrophages to release extracellular traps loaded with tissue remodeling enzymes via an oxidative-burst-dependent mechanism			2
33	Machine learning on drug-specific data to predict small molecule teratogenicity			2
32	Disturbing the neonatal microbiome is a small price to pay for preventing early-onset neonatal group B streptococcus disease: AGAINST: Against relying on antibiotics to prevent early-onset neonatal group B streptococcus disease.	<i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2020</b> , 127, 229	3.7	2
31	Epidemiological Trends of Racial Differences in Early- and Late-onset Group B Streptococcus Disease in Tennessee.	<i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e3634-e3640	11.6	2
30	Leveraging bioengineering to assess cellular functions and communication within human fetal membranes.	<i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 1-13	2	2
29	Group B Is Required for Serotype V Capsule Production and Aids in Biofilm Formation and Ascending Infection of the Reproductive Tract during Pregnancy.	<i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 2686-2696	5.5	2
28	The Influence of Obesity and Associated Fatty Acids on Placental Inflammation.	<i>Clinical Therapeutics</i> , <b>2021</b> , 43, 265-278	3.5	2
27	Comprehensive Characterization of COVID-19 Patients with Repeatedly Positive SARS-CoV-2 Tests Using a Large U.S. Electronic Health Record Database.	<i>Microbiology Spectrum</i> , <b>2021</b> , 9, e0032721	8.9	2

26	Neither vaginal nor buccal administration of 800 $\mu$ g misoprostol alters mucosal and systemic immune activation or the cervicovaginal microbiome: a pilot study. <i>European Journal of Contraception and Reproductive Health Care</i> , <b>2016</b> , 21, 436-442	1.8	1
25	Perinatal Case Fatality Rate Related to Congenital Zika Syndrome in Brazil: a Cross-Sectional Study. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S22-S22	1	1
24	Reply to Walker et al. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 56, 1846-7	11.6	1
23	Reply to McDonald. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 56, 907-8	11.6	1
22	A review of the medical weblog, Clinical Correlations. <i>Clinical Medicine and Research</i> , <b>2010</b> , 8, 104-5	1.4	1
21	Losing by a nose: diagnostic and therapeutic challenges of the trigeminal trophic syndrome. <i>Southern Medical Journal</i> , <b>2007</b> , 100, 3	0.6	1
20	The antimicrobial activity of zinc against group B Streptococcus is strain-dependent across diverse sequence types, capsular serotypes, and invasive versus colonizing isolates.. <i>BMC Microbiology</i> , <b>2022</b> , 22, 23	4.5	1
19	Production and Composition of Group B Streptococcal Membrane Vesicles Vary Across Diverse Lineages. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 770499	5.7	1
18	Evaluating the Risks of Systemic Maternal Ivermectin Exposure During Pregnancy in Human and Vertebrate Animals: A Scoping Review. <i>Current Drug Safety</i> , <b>2021</b> , 16, 299-308	1.4	1
17	Palmitate induces apoptotic cell death and inflammasome activation in human placental macrophages		1
16	A Unique Case of Prosthetic Mitral Valve Endocarditis and Literature Review. <i>Infectious Diseases in Clinical Practice</i> , <b>2019</b> , 27, 123-125	0.2	1
15	445. Cross-Reactivity Between Zika and Dengue Virus: A Cross-Sectional Analysis in Rio Grande do Norte, Brazil. <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S167-S167	1	1
14	Human and Machine Intelligence Together Drive Drug Repurposing in Rare Diseases. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 707836	4.5	1
13	Group B streptococcal infection of the genitourinary tract in pregnant and non-pregnant patients with diabetes mellitus: An immunocompromised host or something more?. <i>American Journal of Reproductive Immunology</i> , <b>2021</b> , 86, e13501	3.8	1
12	Welcome to Infectious Disease Reports: a message from the Editor. <i>Gastroenterology Insights</i> , <b>2009</b> , 1, e1	2.1	0
11	A Complicated Pseudomonas aeruginosa Bone and Soft Tissue Infection Following Etanercept Therapy. <i>Infectious Diseases in Clinical Practice</i> , <b>2007</b> , 15, 63-65	0.2	0
10	Association of Individual and Community Factors With Hepatitis C Infections Among Pregnant People and Newborns. <i>JAMA Health Forum</i> , <b>2021</b> , 2, e213470	2	0
9	Cytotrophoblasts suppress macrophage-mediated inflammation through a contact-dependent mechanism. <i>American Journal of Reproductive Immunology</i> , <b>2021</b> , 85, e13352	3.8	0

8	Reply to Noori et al., "A Complex Scenario of Nonsteroidal Anti-inflammatory Drugs Induced Prostaglandin E2 Production and Gut Microbiota Alteration in Clostridium difficile-Infected Mice". <i>MBio</i> , <b>2020</b> , 11,	7.8
7	Comments to the editor concerning the paper entitled "Orexin-A regulates body temperature in coordination with arousal status" by Yoshimichi et al. <i>Experimental Biology and Medicine</i> , <b>2002</b> , 227, 1-2; discussion 3	3.7
6	Persistent bacteremia and psoas abscess caused by a lethal toxin-deficient Paeniclostridium sordellii. <i>Anaerobe</i> , <b>2022</b> , 102520	2.8
5	Vascular alterations impede fragile tolerance to pregnancy in type 1 diabetes. <i>F&amp;S Science</i> , <b>2022</b> , 3, 148-158	1.4
4	The first year of Infectious Disease Reports. <i>Gastroenterology Insights</i> , <b>2010</b> , 2, e16	2.1
3	Intrauterine devices as an exposure risk for urinary tract infections: A scoping review. <i>American Journal of Reproductive Immunology</i> , <b>2021</b> , 86, e13476	3.8
2	Using live pathogens to treat infectious diseases: a historical perspective on the relationship between GB virus C and HIV. <i>Antiviral Therapy</i> , <b>2002</b> , 7, 73-80	1.6
1	Avoidance of Emergency Care in the Southeastern United States During the COVID-19 Pandemic. <i>Open Forum Infectious Diseases</i> , <b>2022</b> , 9, ofac161	1