Adam J Ratner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8024593/publications.pdf

Version: 2024-02-01

124 papers	9,098 citations	61857 43 h-index	43802 91 g-index

127 all docs	127 docs citations	127 times ranked	14043 citing authors

#	Article	IF	Citations
1	Group BStreptococcusCapsular Serotype Alters Vaginal Colonization Fitness. Journal of Infectious Diseases, 2022, 225, 1896-1904.	1.9	4
2	Updated Guidance on Use and Prioritization of Monoclonal Antibody Therapy for Treatment of COVID-19 in Adolescents. Journal of the Pediatric Infectious Diseases Society, 2022, 11, 177-185.	0.6	23
3	Maternal and Infant Mortality in Physiciansâ€™ Families in 1922. Pediatrics, 2022, 149, .	1.0	0
4	Poor Uptake of MMR Vaccine 1-year Post-Measles Outbreak: New York City and Israel. Journal of the Pediatric Infectious Diseases Society, 2022, 11, 322-328.	0.6	2
5	Genome-Wide CRISPR-Cas9 Screen Does Not Identify Host Factors Modulating Streptococcus agalactiae Î²-Hemolysin/Cytolysin-Induced Cell Death. Microbiology Spectrum, 2022, 10, e0218621.	1.2	4
6	â€œThe Sombre Aspect of the Entire Landscapeâ€•â€” Epidemiology and the Faroe Islands. New England Journal of Medicine, 2022, 386, 1202-1205.	13.9	0
7	Winter is coming: care of the febrile children in the time of COVID-19. World Journal of Pediatrics, 2021, 17, 6-7.	0.8	0
8	Multicenter Interim Guidance on Use of Antivirals for Children With Coronavirus Disease 2019/Severe Acute Respiratory Syndrome Coronavirus 2. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 34-48.	0.6	85
9	Mucocutaneous Manifestations of Multisystem Inflammatory Syndrome in Children During the COVID-19 Pandemic. JAMA Dermatology, 2021, 157, 207.	2.0	61
10	Vaccinating Children against Covid-19 â€” The Lessons of Measles. New England Journal of Medicine, 2021, 384, 589-591.	13.9	53
11	Genome-Wide fitness analysis of group B Streptococcus in human amniotic fluid reveals a transcription factor that controls multiple virulence traits. PLoS Pathogens, 2021, 17, e1009116.	2.1	11
12	Neurologic Involvement in Children and Adolescents Hospitalized in the United States for COVID-19 or Multisystem Inflammatory Syndrome. JAMA Neurology, 2021, 78, 536.	4.5	276
13	SARS-CoV-2 Among Infants <90 Days of Age Admitted for Serious Bacterial Infection Evaluation. Pediatrics, 2021, 148, .	1.0	16
14	Initial Guidance on Use of Monoclonal Antibody Therapy for Treatment of Coronavirus Disease 2019 in Children and Adolescents. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 629-634.	0.6	55
15	Multisystem inflammatory syndrome in children. Current Opinion in Pediatrics, 2021, 33, 152-158.	1.0	24
16	Characteristics of Hospitalized Children With SARS-CoV-2 in the New York City Metropolitan Area. Hospital Pediatrics, 2021, 11, 71-78.	0.6	38
17	â€˜Vaginal seedingâ€™ after a caesarean section provides benefits to newborn children. BJOG: an International Journal of Obstetrics and Gynaecology, 2020, 127, 302-302.	1.1	10
18	Multisystem Inflammatory Syndrome in Children Associated with Status Epilepticus. Journal of Pediatrics, 2020, 227, 300-301.	0.9	15

#	Article	IF	Citations
19	Impact of Maternal Severe Acute Respiratory Syndrome Coronavirus 2 Detection on Breastfeeding Due to Infant Separation at Birth. Journal of Pediatrics, 2020, 226, 64-70.	0.9	43
20	The Impact of Circulating Antibody on Group B Streptococcus Intestinal Colonization and Invasive Disease. Infection and Immunity, 2020, 89, .	1.0	7
21	Detection of severe acute respiratory syndrome coronavirus 2 in placental and fetal membrane samples. American Journal of Obstetrics & Gynecology MFM, 2020, 2, 100133.	1.3	234
22	Importance of Pediatric Inclusion in COVID-19 Therapeutic Trials. Clinical Infectious Diseases, 2020, 71, 3248-3249.	2.9	8
23	Acute Respiratory Decompensation Requiring Intubation in Pregnant Women with SARS-CoV-2 (COVID-19). AJP Reports, 2020, 10, e169-e175.	0.4	16
24	Authors' reply re: â€˜Vaginal seedingâ€™ after a caesarean section provides benefits to newborn children: AGAINST: Vaginal microbiome transfer â€“ a medical procedure with clear risks and uncertain benefits. BJOG: an International Journal of Obstetrics and Gynaecology, 2020, 127, 906-907.	1.1	3
25	Multisystem Inflammatory Syndrome in U.S. Children and Adolescents. New England Journal of Medicine, 2020, 383, 334-346.	13.9	2,006
26	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in Febrile Infants Without Respiratory Distress. Clinical Infectious Diseases, 2020, 71, 2243-2245.	2.9	44
27	Multicenter Initial Guidance on Use of Antivirals for Children With Coronavirus Disease 2019/Severe Acute Respiratory Syndrome Coronavirus 2. Journal of the Pediatric Infectious Diseases Society, 2020, 9, 701-715.	0.6	130
28	Clinical Guideline Highlights for the Hospitalist: Diagnosis and Management of Measles. Journal of Hospital Medicine, 2020, 15, 47-48.	0.7	2
29	Group B streptococcal transmission rates as determined by PCR. Journal of Perinatal Medicine, 2020, 48, 509-513.	0.6	0
30	A Counterselectable Sucrose Sensitivity Marker Permits Efficient and Flexible Mutagenesis in Streptococcus agalactiae. Applied and Environmental Microbiology, 2019, 85, .	1.4	15
31	High prevalence of Group B Streptococcus colonization among pregnant women in Amman, Jordan. BMC Pregnancy and Childbirth, 2019, 19, 177.	0.9	20
32	Enhanced Postnatal Acquisition of Hypervirulent Group B Streptococcus. Clinical Infectious Diseases, 2019, 69, 1749-1751.	2.9	2
33	Gardnerella and Prevotella: Co-conspirators in the Pathogenesis of Bacterial Vaginosis. Journal of Infectious Diseases, 2019, 220, 1085-1088.	1.9	32
34	1609. Using a Novel Rapid Test to Investigate a Multistate Outbreak of Coccidioidomycosis Among US Residents Returning From Mission Trips in Baja California, Mexico, Juneâ€“July, 2018. Open Forum Infectious Diseases, 2019, 6, S587-S588.	0.4	0
35	Vaginal co-colonization with multiple Group B Streptococcus serotypes. Vaccine, 2019, 37, 409-411.	1.7	14
36	Distribution of Late-Onset Neonatal Sepsis Pathogens Differs in Inpatient and Outpatient Settings. American Journal of Perinatology, 2019, 36, 1136-1141.	0.6	8

#	Article	IF	Citations
37	Storage Primes Erythrocytes for Necroptosis and Clearance. Cellular Physiology and Biochemistry, 2019, 53, 496-507.	1.1	9
38	High Rate of Serotype V Streptococcus agalactiae Carriage in Pregnant Women in Botswana. American Journal of Tropical Medicine and Hygiene, 2019, 100, 1115-1117.	0.6	7
39	Higher Levels of a Cytotoxic Protein, Vaginolysin, in Lactobacillus-Deficient Community State Types at the Vaginal Mucosa. Sexually Transmitted Diseases, 2018, 45, e14-e17.	0.8	20
40	Environmental pH modulates inerolysin activity via post-binding blockade. Scientific Reports, 2018, 8, 1542.	1.6	6
41	Scalp Lesions in a Pediatric Patient with Hyper IgM Syndrome: Clinical and Histologic Mimicry of Cryptococcus neoformans Infection. Journal of Pediatrics, 2018, 192, 256-258.	0.9	4
42	The Streptococcus agalactiae Stringent Response Enhances Virulence and Persistence in Human Blood. Infection and Immunity, 2018, 86, .	1.0	31
43	Decidual stromal cellâ€derived <scp>PGE</scp>₂ regulates macrophage responses to microbial threat. American Journal of Reproductive Immunology, 2018, 80, e13032.	1.2	29
44	Improving the Sensitivity of Real-time PCR Detection of Group B Streptococcus Using Consensus Sequence-Derived Oligonucleotides. Open Forum Infectious Diseases, 2018, 5, ofy164.	0.4	8
45	Mucosal vaccination promotes clearance of Streptococcus agalactiae vaginal colonization. Vaccine, 2017, 35, 1273-1280.	1.7	24
46	Group B Streptococcal Infections. Pediatrics in Review, 2017, 38, 254-262.	0.2	28
47	Group B Streptococcus and the Vaginal Microbiota. Journal of Infectious Diseases, 2017, 216, 744-751.	1.9	58
48	Pregnant womenâ€™s attitudes about topical microbicides for the prevention and treatment of bacterial vaginosis during pregnancy. International Journal of STD and AIDS, 2017, 28, 881-886.	0.5	3
49	Whole-Genome Sequences of Bacteremia Isolates of Bordetella holmesii. Genome Announcements, 2017, 5, .	0.8	0
50	Pathophysiology of Chorioamnionitis. , 2017, , 1737-1744.e3.		0
51	Inhibition of NADPH oxidase 2 (NOX2) prevents sepsis-induced cardiomyopathy by improving calcium handling and mitochondrial function. JCI Insight, 2017, 2, .	2.3	83
52	Real-time PCR-based serotyping of Streptococcus agalactiae. Scientific Reports, 2016, 6, 38523.	1.6	20
53	Hyperglycemic Conditions Prime Cells for RIP1-dependent Necroptosis. Journal of Biological Chemistry, 2016, 291, 13753-13761.	1.6	53
54	The essential genome of Streptococcus agalactiae. BMC Genomics, 2016, 17, 406.	1.2	41

#	Article	IF	Citations
55	Structural Basis for Receptor Recognition by the Human CD59-Responsive Cholesterol-Dependent Cytolysins. Structure, 2016, 24, 1488-1498.	1.6	34
56	New Systems for Studying Intercellular Interactions in Bacterial Vaginosis. Journal of Infectious Diseases, 2016, 214, S6-S13.	1.9	41
57	Cigarette Smoke Extractâ€“Exposed Methicillin-ResistantStaphylococcus aureusRegulates Leukocyte Function for Pulmonary Persistence. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 586-601.	1.4	19
58	Group B Streptococcus vaccine development: present status and future considerations, with emphasis on perspectives for low and middle income countries. F1000Research, 2016, 5, 2355.	0.8	64
59	Congenital Parvovirus B19 Infection: Persistent Viremia and Red Blood Cell Aplasia. Open Forum Infectious Diseases, 2015, 2, ofv049.	0.4	9
60	Proton Pump Inhibitors Alter Specific Taxa in the Human Gastrointestinal Microbiome: A Crossover Trial. Gastroenterology, 2015, 149, 883-885.e9.	0.6	268
61	Neonatal Herpes Infection Associated With Direct Orogenital Suction During Ritual Jewish Circumcision. Journal of the Pediatric Infectious Diseases Society, 2015, 4, 283-284.	0.6	0
62	S.Âaureus Toxins Join the DARC Side. Cell Host and Microbe, 2015, 18, 272-274.	5.1	1
63	Rational Manipulation of mRNA Folding Free Energy Allows Rheostat Control of Pneumolysin Production by Streptococcus pneumoniae. PLoS ONE, 2015, 10, e0119823.	1.1	9
64	Complete Genome Sequence of Streptococcus agalactiae CNCTC 10/84, a Hypervirulent Sequence Type 26 Strain. Genome Announcements, 2014, 2, .	0.8	22
65	Group B Streptococcus Â-hemolysin/Cytolysin Breaches Maternal-Fetal Barriers to Cause Preterm Birth and Intrauterine Fetal Demise in Vivo. Journal of Infectious Diseases, 2014, 210, 265-273.	1.9	104
66	Human-Specific Bacterial Pore-Forming Toxins Induce Programmed Necrosis in Erythrocytes. MBio, 2014, 5, e01251-14.	1.8	46
67	Attitudes towards microbicide use for bacterial vaginosis in pregnancy. Sexual Health, 2014, 11, 305.	0.4	2
68	Î±â€“Intercalated cells defend the urinary system from bacterial infection. Journal of Clinical Investigation, 2014, 124, 2963-2976.	3.9	127
69	Î±â€“Intercalated cells defend the urinary system from bacterial infection. Journal of Clinical Investigation, 2014, 124, 5521-5521.	3.9	4
70	Lactobacillus crispatus Dominant Vaginal Microbiome Is Associated with Inhibitory Activity of Female Genital Tract Secretions against Escherichia coli. PLoS ONE, 2014, 9, e96659.	1.1	84
71	Case Report: Group B Streptococcus meningitis in an adolescentÂ. F1000Research, 2014, 3, 167.	0.8	3
72	Role of Pore-Forming Toxins in Bacterial Infectious Diseases. Microbiology and Molecular Biology Reviews, 2013, 77, 173-207.	2.9	339

#	Article	IF	Citations
73	Vaginolysin Drives Epithelial Ultrastructural Responses to Gardnerella vaginalis. Infection and Immunity, 2013, 81, 4544-4550.	1.0	30
74	Bordetella holmesii: initial genomic analysis of an emerging opportunist. Pathogens and Disease, 2013, 67, 132-135.	0.8	11
75	Emergence of the Epidemic Methicillin-Resistant Staphylococcus aureus Strain USA300 Coincides with Horizontal Transfer of the Arginine Catabolic Mobile Element and speG -mediated Adaptations for Survival on Skin. MBio, 2013, 4, e00889-13.	1.8	108
76	DNase Inhibits Gardnerella vaginalis Biofilms In Vitro and In Vivo. Journal of Infectious Diseases, 2013, 207, 1491-1497.	1.9	79
77	Klebsiella pneumoniae K1 Liver Abscess and Septic Endophthalmitis in a U.S. Resident. Journal of Clinical Microbiology, 2013, 51, 1049-1051.	1.8	27
78	Genome Sequence of the Human Abscess Isolate Streptococcus intermedius BA1. Genome Announcements, 2013, 1, .	0.8	5
79	Î²-Hemolysin/Cytolysin of Group B Streptococcus Enhances Host Inflammation but Is Dispensable for Establishment of Urinary Tract Infection. PLoS ONE, 2013, 8, e59091.	1.1	26
80	Retrocyclin inhibits Gardnerella vaginalis biofilm formation and toxin activity. Journal of Antimicrobial Chemotherapy, 2012, 67, 2870-2872.	1.3	32
81	Predictors of Staphylococcus aureus Rectovaginal Colonization in Pregnant Women and Risk for Maternal and Neonatal Infections. Journal of the Pediatric Infectious Diseases Society, 2012, 1, 7-15.	0.6	23
82	Cigarette Smoke Increases Staphylococcus aureus Biofilm Formation via Oxidative Stress. Infection and Immunity, 2012, 80, 3804-3811.	1.0	92
83	Microbiota of the upper and lower genital tract. Seminars in Fetal and Neonatal Medicine, 2012, 17, 51-57.	1.1	67
84	The Ngal reporter mouse detects the response of the kidney to injury in real time. Nature Medicine, 2011, 17, 216-222.	15.2	359
85	Pregnancy-specific association of vitamin D deficiency and bacterial vaginosis. American Journal of Obstetrics and Gynecology, 2011, 204, 41.e1-41.e9.	0.7	100
86	Arcanolysin is a cholesterol-dependent cytolysin of the human pathogen Arcanobacterium haemolyticum. BMC Microbiology, 2011, 11, 239.	1.3	21
87	Streptococcus pneumoniae DNA Initiates Type I Interferon Signaling in the Respiratory Tract. MBio, 2011, 2, e00016-11.	1.8	128
88	Inerolysin, a Cholesterol-Dependent Cytolysin Produced by Lactobacillus iners. Journal of Bacteriology, 2011, 193, 1034-1041.	1.0	115
89	Decline in Varicella-Related Ambulatory Visits and Hospitalizations in the United States Since Routine Immunization Against Varicella. Pediatric Infectious Disease Journal, 2010, 29, 199-204.	1.1	54
90	Iron traffics in circulation bound to a siderocalin (Ngal)â€“catechol complex. Nature Chemical Biology, 2010, 6, 602-609.	3.9	270

#	Article	IF	Citations
91	Trends in Methicillin-Resistant Staphylococcus aureus Anovaginal Colonization in Pregnant Women in 2005 versus 2009. Journal of Clinical Microbiology, 2010, 48, 3675-3680.	1.8	26
92	Cigarette Smoke Inhibits Airway Epithelial Cell Innate Immune Responses to Bacteria. Infection and Immunity, 2010, 78, 2146-2152.	1.0	63
93	Antibody-Based Detection and Inhibition of Vaginolysin, the Gardnerella vaginalis Cytolysin. PLoS ONE, 2009, 4, e5207.	1.1	27
94	Phosphatase-Dependent Regulation of Epithelial Mitogen-Activated Protein Kinase Responses to Toxin-Induced Membrane Pores. PLoS ONE, 2009, 4, e8076.	1.1	39
95	Human Î±-Defensins Inhibit Hemolysis Mediated by Cholesterol-Dependent Cytolysins. Infection and Immunity, 2009, 77, 4028-4040.	1.0	54
96	The NanA Neuraminidase of Streptococcus pneumoniae Is Involved in Biofilm Formation. Infection and Immunity, 2009, 77, 3722-3730.	1.0	132
97	Crystal structures of respiratory pathogen neuraminidases. Biochemical and Biophysical Research Communications, 2009, 380, 467-471.	1.0	27
98	Epidemiology of Methicillin-Resistant Staphylococcus aureus Bacteremia in Gaborone, Botswana. Infection Control and Hospital Epidemiology, 2009, 30, 782-785.	1.0	19
99	Functional and Phylogenetic Characterization of Vaginolysin, the Human-Specific Cytolysin fromGardnerella vaginalis. Journal of Bacteriology, 2008, 190, 3896-3903.	1.0	207
100	Interleukin-8 Secretion in Response to Aferric Enterobactin Is Potentiated by Siderocalin. Infection and Immunity, 2007, 75, 3160-3168.	1.0	30
101	Capsule Enhances Pneumococcal Colonization by Limiting Mucus-Mediated Clearance. Infection and Immunity, 2007, 75, 83-90.	1.0	264
102	Nod1 Signaling Overcomes Resistance of S. pneumoniae to Opsonophagocytic Killing. PLoS Pathogens, 2007, 3, e118.	2.1	72
103	Murine nasal septa for respiratory epithelial air-liquid interface cultures. BioTechniques, 2007, 43, 195-204.	0.8	97
104	Nod1 mediates cytoplasmic sensing of combinations of extracellular bacteria. Cellular Microbiology, 2007, 9, 1343-1351.	1.1	80
105	Pneumonia before antibiotics Therapeutic evolution and evaluation in twentieth-century America. Journal of Clinical Investigation, 2006, 116, 2311-2311.	3.9	1
106	Emergence of Vaccine-Related Pneumococcal Serotypes as a Cause of Bacteremia. Clinical Infectious Diseases, 2006, 42, 907-914.	2.9	92
107	Trends in Invasive Pneumococcal Diseaseâ€"Associated Hospitalizations. Clinical Infectious Diseases, 2006, 42, e1-5.	2.9	34
108	Epithelial Cells Are Sensitive Detectors of Bacterial Pore-forming Toxins. Journal of Biological Chemistry, 2006, 281, 12994-12998.	1.6	158

#	Article	IF	Citations
109	The Role of Innate Immune Responses in the Outcome of Interspecies Competition for Colonization of Mucosal Surfaces. PLoS Pathogens, 2005, 1, e1.	2.1	177
110	Synergistic proinflammatory responses induced by polymicrobial colonization of epithelial surfaces. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3429-3434.	3.3	130
111	VARICELLA-RELATED HOSPITALIZATIONS: AN UPDATE. Pediatric Infectious Disease Journal, 2004, 23, 377.	1.1	4
112	Cat Scratch Disease Presenting as Orbital Abscess and Osteomyelitis. Journal of Clinical Microbiology, 2003, 41, 3991-3993.	1.8	29
113	Antibody-enhanced pneumococcal adherence requires IgA1 protease. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4215-4220.	3.3	167
114	Varicella-related hospitalizations in the vaccine era. Pediatric Infectious Disease Journal, 2002, 21, 927-930.	1.1	58
115	Hospital-acquired viral pathogens in the neonatal intensive care unit. Seminars in Perinatology, 2002, 26, 346-356.	1.1	35
116	Hostâ€“bacterial interactions in the initiation of inflammation. Paediatric Respiratory Reviews, 2001, 2, 245-252.	1.2	30
117	Nosocomial Rotavirus in a Pediatric Hospital. Infection Control and Hospital Epidemiology, 2001, 22, 299-301.	1.0	21
118	Cystic Fibrosis Pathogens Activate Ca2+-dependent Mitogen-activated Protein Kinase Signaling Pathways in Airway Epithelial Cells. Journal of Biological Chemistry, 2001, 276, 19267-19275.	1.6	155
119	PLESIOMONAS SHIGELLOIDES SEPSIS AND SPLENIC ABSCESS IN AN ADOLESCENT WITH SICKLE-CELL DISEASE. Pediatric Infectious Disease Journal, 2001, 20, 1178-1179.	1.1	16
120	Pseudomonas aeruginosa Induction of Apoptosis in Respiratory Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2000, 23, 304-312.	1.4	136
121	Lactoperoxidase. American Journal of Respiratory Cell and Molecular Biology, 2000, 22, 642-644.	1.4	29
122	Activation of NF-kappaB by adherent Pseudomonas aeruginosa in normal and cystic fibrosis respiratory epithelial cells.. Journal of Clinical Investigation, 1998, 101, 2598-2605.	3.9	280
123	Pseudomonas aeruginosa Interactions with Epithelial Cells: Adherence, Invasion and Apoptosis â™¦ 896. Pediatric Research, 1998, 43, 155-155.	1.1	0
124	Competitive and Cooperative Interactions in the Respiratory Microflora. , 0, , 87-95.		1