

Thomas A Russo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

3,158
citations

25
h-index

49
g-index

49
ext. papers

4,198
ext. citations

5.5
avg, IF

5.77
L-index

#	Paper	IF	Citations
46	Clinical Isolates of spp. Are Highly Serum Resistant Despite Efficient Recognition by the Complement System.. <i>Frontiers in Immunology</i> , 2022 , 13, 814193	8.4	0
45	Fluorescent Sensors of Siderophores produced by Bacterial Pathogens.. <i>Journal of Biological Chemistry</i> , 2022 , 101651	5.4	1
44	Anatomy of an extensively drug-resistant outbreak in Tuscany, Italy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
43	An Assessment of Siderophore Production, Mucoviscosity, and Mouse Infection Models for Defining the Virulence Spectrum of Hypervirulent <i>Klebsiella pneumoniae</i> . <i>MSphere</i> , 2021 , 6,	5	7
42	Capsule carbohydrate structure determines virulence in <i>Acinetobacter baumannii</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009291	7.6	16
41	The <i>Galleria mellonella</i> Infection Model Does Not Accurately Differentiate between Hypervirulent and Classical <i>Klebsiella pneumoniae</i> . <i>MSphere</i> , 2020 , 5,	5	23
40	Fact versus Fiction: a Review of the Evidence behind Alcohol and Antibiotic Interactions. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	9
39	An Evaluation of BfmR-Regulated Antimicrobial Resistance in the Extensively Drug Resistant (XDR) Strain HUMC1. <i>Frontiers in Microbiology</i> , 2020 , 11, 595798	5.7	2
38	Hypervirulent is emerging as an increasingly prevalent pathotype responsible for nosocomial and healthcare-associated infections in Beijing, China. <i>Virulence</i> , 2020 , 11, 1215-1224	4.7	15
37	Antibody Dependent Enhancement of Infection in a Mouse Pneumonia Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 368, 475-489	4.7	7
36	Hypervirulent <i>Klebsiella pneumoniae</i> . <i>Clinical Microbiology Reviews</i> , 2019 , 32,	34	226
35	Aerobactin Synthesis Proteins as Antivirulence Targets in Hypervirulent. <i>ACS Infectious Diseases</i> , 2019 , 5, 1052-1054	5.5	9
34	Molecular Epidemiology of Extraintestinal Pathogenic. <i>EcoSal Plus</i> , 2018 , 8,	7.7	27
33	Identification of Biomarkers for Differentiation of Hypervirulent <i>Klebsiella pneumoniae</i> from Classical <i>K. pneumoniae</i> . <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	170
32	Getting hypervirulent <i>Klebsiella pneumoniae</i> on the radar screen. <i>Current Opinion in Infectious Diseases</i> , 2018 , 31, 341-346	5.4	21
31	The Capsular Polysaccharide of <i>Acinetobacter baumannii</i> Is an Obstacle for Therapeutic Passive Immunization Strategies. <i>Infection and Immunity</i> , 2017 , 85,	3.7	26
30	Metabolite Transporter PEG344 Is Required for Full Virulence of Hypervirulent <i>Klebsiella pneumoniae</i> Strain hvKP1 after Pulmonary but Not Subcutaneous Challenge. <i>Infection and Immunity</i> , 2017 , 85,	3.7	26

29	Monoclonal Antibody Protects Against <i>Acinetobacter baumannii</i> Infection by Enhancing Bacterial Clearance and Evading Sepsis. <i>Journal of Infectious Diseases</i> , 2017 , 216, 489-501	7	38
28	Polymyxin B in Combination with Rifampin and Meropenem against Polymyxin B-Resistant KPC-Producing <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	21
27	The Response Regulator BfmR Is a Potential Drug Target for <i>Acinetobacter baumannii</i> . <i>MSphere</i> , 2016 , 1,	5	45
26	Important Complexities of the Antivirulence Target Paradigm: A Novel Ostensibly Resistance-Avoiding Approach for Treating Infections. <i>Journal of Infectious Diseases</i> , 2016 , 213, 901-3	7	6
25	Crystal structure of 5-enolpyruvylshikimate-3-phosphate (EPSP) synthase from the ESKAPE pathogen <i>Acinetobacter baumannii</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016 , 72, 179-87	1.1	8
24	Aerobactin, but not yersiniabactin, salmochelin, or enterobactin, enables the growth/survival of hypervirulent (hypermucoviscous) <i>Klebsiella pneumoniae</i> ex vivo and in vivo. <i>Infection and Immunity</i> , 2015 , 83, 3325-33	3.7	124
23	Structure of shikimate kinase, an in vivo essential metabolic enzyme in the nosocomial pathogen <i>Acinetobacter baumannii</i> , in complex with shikimate. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015 , 71, 1736-44		4
22	Aerobactin mediates virulence and accounts for increased siderophore production under iron-limiting conditions by hypervirulent (hypermucoviscous) <i>Klebsiella pneumoniae</i> . <i>Infection and Immunity</i> , 2014 , 82, 2356-67	3.7	129
21	Hypervirulent <i>Klebsiella pneumoniae</i> . <i>Open Forum Infectious Diseases</i> , 2014 , 1, ofu028	1	36
20	The K1 capsular polysaccharide from <i>Acinetobacter baumannii</i> is a potential therapeutic target via passive immunization. <i>Infection and Immunity</i> , 2013 , 81, 915-22	3.7	97
19	Draft Genome Sequence of the Hypervirulent <i>Klebsiella pneumoniae</i> Strain hvKP1, Isolated in Buffalo, New York. <i>Genome Announcements</i> , 2013 , 1, e0006513		17
18	Hypervirulent (hypermucoviscous) <i>Klebsiella pneumoniae</i> : a new and dangerous breed. <i>Virulence</i> , 2013 , 4, 107-18	4.7	554
17	Active and passive immunization protects against lethal, extreme drug resistant- <i>Acinetobacter baumannii</i> infection. <i>PLoS ONE</i> , 2012 , 7, e29446	3.7	106
16	Hypervirulent <i>K. pneumoniae</i> secretes more and more active iron-acquisition molecules than "classical" <i>K. pneumoniae</i> thereby enhancing its virulence. <i>PLoS ONE</i> , 2011 , 6, e26734	3.7	72
15	The K1 capsular polysaccharide of <i>Acinetobacter baumannii</i> strain 307-0294 is a major virulence factor. <i>Infection and Immunity</i> , 2010 , 78, 3993-4000	3.7	205
14	Penicillin-binding protein 7/8 contributes to the survival of <i>Acinetobacter baumannii</i> in vitro and in vivo. <i>Journal of Infectious Diseases</i> , 2009 , 199, 513-21	7	68
13	Capsular polysaccharide and the O-specific antigen impede antibody binding: a potential obstacle for the successful development of an extraintestinal pathogenic <i>Escherichia coli</i> vaccine. <i>Vaccine</i> , 2009 , 27, 388-95	4.1	11
12	Rat pneumonia and soft-tissue infection models for the study of <i>Acinetobacter baumannii</i> biology. <i>Infection and Immunity</i> , 2008 , 76, 3577-86	3.7	52

11	Extraintestinal pathogenic isolates of <i>Escherichia coli</i> do not possess active IgA1, IgA2, sIgA or IgG proteases. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 53, 65-71		3
10	Capsule and O-antigen from an extraintestinal isolate of <i>Escherichia coli</i> modulate cytokine levels in rat macrophages in vitro and in a rat model of pneumonia. <i>Experimental Lung Research</i> , 2007 , 33, 337-56 ^{2,3}		2
9	Extraintestinal pathogenic <i>Escherichia coli</i> survives within neutrophils. <i>Infection and Immunity</i> , 2007 , 75, 2776-85	3.7	22
8	A killed, genetically engineered derivative of a wild-type extraintestinal pathogenic <i>E. coli</i> strain is a vaccine candidate. <i>Vaccine</i> , 2007 , 25, 3859-70	4.1	22
7	Extraintestinal isolates of <i>Escherichia coli</i> : identification and prospects for vaccine development. <i>Expert Review of Vaccines</i> , 2006 , 5, 45-54	5.2	25
6	<i>E. coli</i> virulence factor hemolysin induces neutrophil apoptosis and necrosis/lysis in vitro and necrosis/lysis and lung injury in a rat pneumonia model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005 , 289, L207-16	5.8	56
5	Medical and economic impact of extraintestinal infections due to <i>Escherichia coli</i> : focus on an increasingly important endemic problem. <i>Microbes and Infection</i> , 2003 , 5, 449-56	9.3	526
4	Human neutrophil chemotaxis is modulated by capsule and O antigen from an extraintestinal pathogenic <i>Escherichia coli</i> strain. <i>Infection and Immunity</i> , 2003 , 71, 6435-45	3.7	11
3	IroN functions as a siderophore receptor and is a urovirulence factor in an extraintestinal pathogenic isolate of <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2002 , 70, 7156-60	3.7	105
2	Total extracellular surfactant is increased but abnormal in a rat model of gram-negative bacterial pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 283, L655-63	5.8	31
1	Identification of two previously unrecognized genes (<i>guaA</i> and <i>argC</i>) important for uropathogenesis. <i>Molecular Microbiology</i> , 1996 , 22, 217-29	4.1	72