

# Ferric C Fang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3948359/ferric-c-fang-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

207  
papers

18,270  
citations

73  
h-index

131  
g-index

255  
ext. papers

21,105  
ext. citations

9  
avg, IF

7.06  
L-index

#	Paper	IF	Citations
207	Antimicrobial reactive oxygen and nitrogen species: concepts and controversies. <i>Nature Reviews Microbiology</i> , <b>2004</b> , 2, 820-32	22.2	1184
206	Nitrosylation. the prototypic redox-based signaling mechanism. <i>Cell</i> , <b>2001</b> , 106, 675-83	56.2	1153
205	Selective silencing of foreign DNA with low GC content by the H-NS protein in Salmonella. <i>Science</i> , <b>2006</b> , 313, 236-8	33.3	559
204	Misconduct accounts for the majority of retracted scientific publications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 17028-33	11.5	539
203	Extraintestinal dissemination of Salmonella by CD18-expressing phagocytes. <i>Nature</i> , <b>1999</b> , 401, 804-8	50.4	532
202	Genes encoding putative effector proteins of the type III secretion system of Salmonella pathogenicity island 2 are required for bacterial virulence and proliferation in macrophages. <i>Molecular Microbiology</i> , <b>1998</b> , 30, 163-74	4.1	504
201	Salmonella pathogenicity island 2-dependent evasion of the phagocyte NADPH oxidase. <i>Science</i> , <b>2000</b> , 287, 1655-8	33.3	462
200	Antimicrobial actions of the NADPH phagocyte oxidase and inducible nitric oxide synthase in experimental salmonellosis. I. Effects on microbial killing by activated peritoneal macrophages in vitro. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 227-36	16.6	441
199	Phenotype of mice and macrophages deficient in both phagocyte oxidase and inducible nitric oxide synthase. <i>Immunity</i> , <b>1999</b> , 10, 29-38	32.3	427
198	Antimicrobial actions of the NADPH phagocyte oxidase and inducible nitric oxide synthase in experimental salmonellosis. II. Effects on microbial proliferation and host survival in vivo. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 237-48	16.6	329
197	Periplasmic superoxide dismutase protects Salmonella from products of phagocyte NADPH-oxidase and nitric oxide synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 13997-4001	11.5	322
196	Probiotic bacteria reduce salmonella typhimurium intestinal colonization by competing for iron. <i>Cell Host and Microbe</i> , <b>2013</b> , 14, 26-37	23.4	287
195	NO inhibitions: antimicrobial properties of nitric oxide. <i>Clinical Infectious Diseases</i> , <b>1995</b> , 21 Suppl 2, S162-56		230
194	Cu,Zn superoxide dismutase of Mycobacterium tuberculosis contributes to survival in activated macrophages that are generating an oxidative burst. <i>Infection and Immunity</i> , <b>2001</b> , 69, 4980-7	3.7	222
193	Antimicrobial actions of reactive oxygen species. <i>MBio</i> , <b>2011</b> , 2,	7.8	217
192	Silencing of xenogeneic DNA by H-NS-facilitation of lateral gene transfer in bacteria by a defense system that recognizes foreign DNA. <i>Genes and Development</i> , <b>2007</b> , 21, 1456-71	12.6	217
191	Genetic and redox determinants of nitric oxide cytotoxicity in a Salmonella typhimurium model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 6399-403	11.5	215

190	Regulation of Salmonella typhimurium virulence gene expression by cationic antimicrobial peptides. <i>Molecular Microbiology</i> , <b>2003</b> , 50, 219-30	4.1	208
189	Abrupt emergence of a single dominant multidrug-resistant strain of Escherichia coli. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 919-28	7	201
188	A nitric oxide-inducible lactate dehydrogenase enables Staphylococcus aureus to resist innate immunity. <i>Science</i> , <b>2008</b> , 319, 1672-6	33.3	201
187	Virulent Salmonella typhimurium has two periplasmic Cu, Zn-superoxide dismutases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 7502-7	11.5	198
186	Why has the number of scientific retractions increased?. <i>PLoS ONE</i> , <b>2013</b> , 8, e68397	3.7	197
185	The nitrosative stress response of Staphylococcus aureus is required for resistance to innate immunity. <i>Molecular Microbiology</i> , <b>2006</b> , 61, 927-39	4.1	185
184	Co-regulation of Salmonella enterica genes required for virulence and resistance to antimicrobial peptides by SlyA and PhoP/PhoQ. <i>Molecular Microbiology</i> , <b>2005</b> , 56, 492-508	4.1	170
183	New insights into transcriptional regulation by H-NS. <i>Current Opinion in Microbiology</i> , <b>2008</b> , 11, 113-20	7.9	165
182	Impact of strain type on detection of toxigenic Clostridium difficile: comparison of molecular diagnostic and enzyme immunoassay approaches. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 3719-24	9.7	163
181	Maintenance of nitric oxide and redox homeostasis by the salmonella flavohemoglobin hmp. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 28039-47	5.4	156
180	The alternative sigma factor sigmaE controls antioxidant defences required for Salmonella virulence and stationary-phase survival. <i>Molecular Microbiology</i> , <b>2002</b> , 43, 771-82	4.1	148
179	Toll-like receptor 4 dependence of innate and adaptive immunity to Salmonella: importance of the Kupffer cell network. <i>Journal of Immunology</i> , <b>2004</b> , 172, 6202-8	5.3	145
178	Nitric oxide-mediated regulation of ferroportin-1 controls macrophage iron homeostasis and immune function in Salmonella infection. <i>Journal of Experimental Medicine</i> , <b>2013</b> , 210, 855-73	16.6	142
177	High-resolution two-locus clonal typing of extraintestinal pathogenic Escherichia coli. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 1353-60	4.8	141
176	Remodelling of the actin cytoskeleton is essential for replication of intravacuolar Salmonella. <i>Cellular Microbiology</i> , <b>2001</b> , 3, 567-77	3.9	136
175	Biosynthesis and IroC-dependent export of the siderophore salmochelin are essential for virulence of Salmonella enterica serovar Typhimurium. <i>Molecular Microbiology</i> , <b>2008</b> , 67, 971-83	4.1	135
174	Bacterial Stress Responses during Host Infection. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 133-43	23.4	132
173	Characterization of six lipoproteins in the sigmaE regulon. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 4552-61	3.5	128

172	PoxA, yjeK, and elongation factor P coordinately modulate virulence and drug resistance in <i>Salmonella enterica</i> . <i>Molecular Cell</i> , <b>2010</b> , 39, 209-21	17.6	122
171	The ferritin-like Dps protein is required for <i>Salmonella enterica</i> serovar Typhimurium oxidative stress resistance and virulence. <i>Infection and Immunity</i> , <b>2004</b> , 72, 1155-8	3.7	122
170	Absence of functional Hfe protects mice from invasive <i>Salmonella enterica</i> serovar Typhimurium infection via induction of lipocalin-2. <i>Blood</i> , <b>2009</b> , 114, 3642-51	2.2	119
169	The response regulator SsrB activates expression of diverse <i>Salmonella</i> pathogenicity island 2 promoters and counters silencing by the nucleoid-associated protein H-NS. <i>Molecular Microbiology</i> , <b>2007</b> , 65, 477-93	4.1	118
168	Host specificity of bacterial pathogens. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2013</b> , 3, a010041	5.4	111
167	Oxygen-dependent anti- <i>Salmonella</i> activity of macrophages. <i>Trends in Microbiology</i> , <b>2001</b> , 9, 29-33	12.4	111
166	The role of ferritins in the physiology of <i>Salmonella enterica</i> sv. Typhimurium: a unique role for ferritin B in iron-sulphur cluster repair and virulence. <i>Molecular Microbiology</i> , <b>2007</b> , 63, 1495-507	4.1	110
165	Regulation of hemolysin expression and virulence of <i>Staphylococcus aureus</i> by a serine/threonine kinase and phosphatase. <i>PLoS ONE</i> , <b>2010</b> , 5, e11071	3.7	107
164	Humanized nonobese diabetic-scid IL2rgammanull mice are susceptible to lethal <i>Salmonella</i> Typhi infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 15589-94	11.5	103
163	Inhibition of bacterial DNA replication by zinc mobilization during nitrosative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8496-501	11.5	102
162	The <i>Salmonella enterica</i> serovar typhimurium divalent cation transport systems MntH and SitABCD are essential for virulence in an Nramp1G169 murine typhoid model. <i>Infection and Immunity</i> , <b>2004</b> , 72, 5522-5	3.7	100
161	The <i>Staphylococcus aureus</i> SrrAB two-component system promotes resistance to nitrosative stress and hypoxia. <i>MBio</i> , <b>2013</b> , 4, e00696-13	7.8	99
160	Nutrient availability as a mechanism for selection of antibiotic tolerant <i>Pseudomonas aeruginosa</i> within the CF airway. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000712	7.6	94
159	Defective localization of the NADPH phagocyte oxidase to <i>Salmonella</i> -containing phagosomes in tumor necrosis factor p55 receptor-deficient macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 2561-5	11.5	93
158	Cellular routes of invasion by enteropathogens. <i>Current Opinion in Microbiology</i> , <b>2000</b> , 3, 54-9	7.9	92
157	Multiple targets of nitric oxide in the tricarboxylic acid cycle of <i>Salmonella enterica</i> serovar typhimurium. <i>Cell Host and Microbe</i> , <b>2011</b> , 10, 33-43	23.4	91
156	Comparison of the PhoPQ regulon in <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> . <i>Journal of Molecular Evolution</i> , <b>2005</b> , 60, 462-74	3.1	89
155	What is the current role of algorithmic approaches for diagnosis of <i>Clostridium difficile</i> infection?. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 4347-53	9.7	88

154	Evaluation of tcdB real-time PCR in a three-step diagnostic algorithm for detection of toxigenic <i>Clostridium difficile</i> . <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 124-30	9.7	86
153	Point-Counterpoint: What Is the Optimal Approach for Detection of <i>Clostridium difficile</i> Infection?. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 670-680	9.7	85
152	Liver abscess caused by magA+ <i>Klebsiella pneumoniae</i> in North America. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 991-2	9.7	83
151	Isocitrate lyase (AceA) is required for <i>Salmonella</i> persistence but not for acute lethal infection in mice. <i>Infection and Immunity</i> , <b>2005</b> , 73, 2547-9	3.7	82
150	Slc11a1 limits intracellular growth of <i>Salmonella enterica</i> sv. Typhimurium by promoting macrophage immune effector functions and impairing bacterial iron acquisition. <i>Cellular Microbiology</i> , <b>2009</b> , 11, 1365-81	3.9	81
149	The Prevalence of Inappropriate Image Duplication in Biomedical Research Publications. <i>MBio</i> , <b>2016</b> , 7,	7.8	80
148	Financial costs and personal consequences of research misconduct resulting in retracted publications. <i>ELife</i> , <b>2014</b> , 3, e02956	8.9	80
147	Evaluation of three rapid diagnostic methods for direct identification of microorganisms in positive blood cultures. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 2521-9	9.7	79
146	The ins and outs of bacterial iron metabolism. <i>Molecular Microbiology</i> , <b>2014</b> , 93, 609-16	4.1	79
145	Reply to Likelihood of False-Positive Results in High-Impact Journals Publishing Groundbreaking Research. <i>Infection and Immunity</i> , <b>2012</b> , 80, 1301-1301	3.7	78
144	Alternative sigma factor interactions in <i>Salmonella</i> : sigma and sigma promote antioxidant defences by enhancing sigma levels. <i>Molecular Microbiology</i> , <b>2005</b> , 56, 811-23	4.1	76
143	Real-time quantitative reverse transcription PCR for monitoring of blood-stage <i>Plasmodium falciparum</i> infections in malaria human challenge trials. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2012</b> , 86, 383-94	3.2	75
142	Glucose 6-phosphate dehydrogenase is required for <i>Salmonella typhimurium</i> virulence and resistance to reactive oxygen and nitrogen intermediates. <i>Infection and Immunity</i> , <b>1999</b> , 67, 436-8	3.7	74
141	The phage shock protein PspA facilitates divalent metal transport and is required for virulence of <i>Salmonella enterica</i> sv. Typhimurium. <i>Molecular Microbiology</i> , <b>2010</b> , 78, 669-85	4.1	73
140	Causes for the persistence of impact factor mania. <i>MBio</i> , <b>2014</b> , 5, e00064-14	7.8	71
139	Iron and citrate export by a major facilitator superfamily pump regulates metabolism and stress resistance in <i>Salmonella Typhimurium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 12054-9	11.5	70
138	<i>Salmonella</i> evasion of the NADPH phagocyte oxidase. <i>Microbes and Infection</i> , <b>2001</b> , 3, 1313-20	9.3	69
137	The global regulator ArcA controls resistance to reactive nitrogen and oxygen intermediates in <i>Salmonella enterica</i> serovar Enteritidis. <i>Infection and Immunity</i> , <b>2002</b> , 70, 451-61	3.7	68

136	Invasive disease due to extended spectrum beta-lactamase-producing <i>Klebsiella pneumoniae</i> in a neonatal unit: the possible role of cockroaches. <i>Journal of Hospital Infection</i> , <b>2000</b> , 44, 13-7	6.9	68
135	Taming the elephant: <i>Salmonella</i> biology, pathogenesis, and prevention. <i>Infection and Immunity</i> , <b>2010</b> , 78, 2356-69	3.7	67
134	Clinical isolates of <i>Staphylococcus intermedius</i> masquerading as methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , <b>2004</b> , 42, 5881-4	9.7	67
133	Coordinate regulation of <i>Salmonella</i> pathogenicity island 1 (SPI1) and SPI4 in <i>Salmonella enterica</i> serovar Typhimurium. <i>Infection and Immunity</i> , <b>2008</b> , 76, 1024-35	3.7	66
132	Iron Regulatory Proteins Mediate Host Resistance to <i>Salmonella</i> Infection. <i>Cell Host and Microbe</i> , <b>2015</b> , 18, 254-61	23.4	63
131	Analysis of virulence of clinical isolates of <i>Salmonella enteritidis</i> in vivo and in vitro. <i>Infection and Immunity</i> , <b>1999</b> , 67, 5651-7	3.7	63
130	In vitro susceptibility testing of fluoroquinolone activity against <i>Salmonella</i> : recent changes to CLSI standards. <i>Clinical Infectious Diseases</i> , <b>2012</b> , 55, 1107-13	11.6	62
129	Microbial virulence as an emergent property: consequences and opportunities. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002136	7.6	60
128	Growth-phase regulation of plasmid virulence genes in <i>Salmonella</i> . <i>Trends in Microbiology</i> , <b>1995</b> , 3, 275-9	12.4	60
127	The alternative sigma factor sigma is required for resistance of <i>Salmonella enterica</i> serovar Typhimurium to anti-microbial peptides. <i>Molecular Microbiology</i> , <b>2005</b> , 56, 789-99	4.1	58
126	Compensatory role of PspA, a member of the phage shock protein operon, in rpoE mutant <i>Salmonella enterica</i> serovar Typhimurium. <i>Molecular Microbiology</i> , <b>2005</b> , 56, 1004-16	4.1	58
125	The NsrR regulon in nitrosative stress resistance of <i>Salmonella enterica</i> serovar Typhimurium. <i>Molecular Microbiology</i> , <b>2012</b> , 85, 1179-93	4.1	57
124	Human infection with <i>Salmonella dublin</i> . <i>Medicine (United States)</i> , <b>1991</b> , 70, 198-207	1.8	57
123	Diagnostic Stewardship: Opportunity for a Laboratory-Infectious Diseases Partnership. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 67, 799-801	11.6	56
122	The Base Excision Repair system of <i>Salmonella enterica</i> serovar typhimurium counteracts DNA damage by host nitric oxide. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000451	7.6	55
121	Evolution of <i>Salmonella enterica</i> virulence via point mutations in the fimbrial adhesin. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002733	7.6	53
120	Slc11a1 (Nramp1) impairs growth of <i>Salmonella enterica</i> serovar typhimurium in macrophages via stimulation of lipocalin-2 expression. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 92, 353-9	6.5	52
119	Plasmid-mediated virulence genes in non-typhoid <i>Salmonella</i> serovars. <i>FEMS Microbiology Letters</i> , <b>1994</b> , 124, 1-9	2.9	52

118	Nitric oxide production by human macrophages: there's NO doubt about it. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2002</b> , 282, L941-3	5.8	51
117	Regulatory and structural differences in the Cu,Zn-superoxide dismutases of <i>Salmonella enterica</i> and their significance for virulence. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 13688-99	5.4	50
116	Predictive diagnostics for <i>Escherichia coli</i> infections based on the clonal association of antimicrobial resistance and clinical outcome. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 2991-9	9.7	49
115	Clinical Impact of a Multiplex Gastrointestinal Polymerase Chain Reaction Panel in Patients With Acute Gastroenteritis. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 67, 1688-1696	11.6	48
114	Rapid and Extensive Expansion in the United States of a New Multidrug-resistant <i>Escherichia coli</i> Clonal Group, Sequence Type 1193. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 334-337	11.6	48
113	Sources of error in the retracted scientific literature. <i>FASEB Journal</i> , <b>2014</b> , 28, 3847-55	0.9	47
112	Lung surfactant and reactive oxygen-nitrogen species: antimicrobial activity and host-pathogen interactions. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 281, L517-23	5.8	47
111	Males are overrepresented among life science researchers committing scientific misconduct. <i>MBio</i> , <b>2013</b> , 4, e00640-12	7.8	46
110	Loss of Multicellular Behavior in Epidemic African Nontyphoidal <i>Salmonella enterica</i> Serovar Typhimurium ST313 Strain D23580. <i>MBio</i> , <b>2016</b> , 7, e02265	7.8	46
109	Heme oxygenase 1 controls early innate immune response of macrophages to <i>Salmonella</i> Typhimurium infection. <i>Cellular Microbiology</i> , <b>2016</b> , 18, 1374-89	3.9	44
108	NIH peer review percentile scores are poorly predictive of grant productivity. <i>ELife</i> , <b>2016</b> , 5,	8.9	43
107	Virulence and stress-related periplasmic protein (VisP) in bacterial/host associations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 1470-5	11.5	42
106	Isolation of metronidazole-resistant <i>Bacteroides fragilis</i> carrying the nimA nitroreductase gene from a patient in Washington State. <i>Journal of Clinical Microbiology</i> , <b>2004</b> , 42, 4127-9	9.7	42
105	Integrated circuits: how transcriptional silencing and counter-silencing facilitate bacterial evolution. <i>Current Opinion in Microbiology</i> , <b>2015</b> , 23, 8-13	7.9	40
104	Lipocalin-2 ensures host defense against <i>Salmonella</i> Typhimurium by controlling macrophage iron homeostasis and immune response. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 3073-86	6.1	40
103	Acid stress activation of the sigma(E) stress response in <i>Salmonella enterica</i> serovar Typhimurium. <i>Molecular Microbiology</i> , <b>2009</b> , 71, 1228-38	4.1	40
102	Antibiotic and ROS linkage questioned. <i>Nature Biotechnology</i> , <b>2013</b> , 31, 415-6	44.5	38
101	Integrated stress responses in <i>Salmonella</i> . <i>International Journal of Food Microbiology</i> , <b>2012</b> , 152, 75-81	5.8	37

100	Evolutionary expansion of a regulatory network by counter-silencing. <i>Nature Communications</i> , <b>2014</b> , 5, 5270	17.4	36
99	Salmonella enterica causes more severe inflammatory disease in C57/BL6 Nramp1G169 mice than Sv129S6 mice. <i>Veterinary Pathology</i> , <b>2013</b> , 50, 867-76	2.8	35
98	Streptococcus pyogenes pbp2x Mutation Confers Reduced Susceptibility to $\beta$ -Lactam Antibiotics. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 201-204	11.6	35
97	The CorA Mg <sup>2+</sup> channel is required for the virulence of Salmonella enterica serovar typhimurium. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 6517-23	3.5	34
96	In vitro and in vivo assessment of Salmonella enterica serovar Typhimurium DT104 virulence. <i>Infection and Immunity</i> , <b>2001</b> , 69, 4673-7	3.7	34
95	COVID-19-Lessons Learned and Questions Remaining. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, 2225-2240	11.6	34
94	Quantitative Detection and Genotyping of Helicobacter pylori from Stool using Droplet Digital PCR Reveals Variation in Bacterial Loads that Correlates with cagA Virulence Gene Carriage. <i>Helicobacter</i> , <b>2016</b> , 21, 325-33	4.9	32
93	An essential role for bacterial nitric oxide synthase in Staphylococcus aureus electron transfer and colonization. <i>Nature Microbiology</i> , <b>2016</b> , 2, 16224	26.6	31
92	HIV gp120-Specific Cell-Mediated Immune Responses in Mice After Oral Immunization With Recombinant Salmonella. <i>Journal of Acquired Immune Deficiency Syndromes</i> , <b>1995</b> , 10, 489-495		31
91	The Rcs-Regulated Colanic Acid Capsule Maintains Membrane Potential in serovar Typhimurium. <i>MBio</i> , <b>2017</b> , 8,	7.8	30
90	Distinct roles of the Salmonella enterica serovar Typhimurium CyaY and YggX proteins in the biosynthesis and repair of iron-sulfur clusters. <i>Infection and Immunity</i> , <b>2014</b> , 82, 1390-401	3.7	29
89	Host Nitric Oxide Disrupts Microbial Cell-to-Cell Communication to Inhibit Staphylococcal Virulence. <i>Cell Host and Microbe</i> , <b>2018</b> , 23, 594-606.e7	23.4	28
88	Population variability of the FimH type 1 fimbrial adhesin in Klebsiella pneumoniae. <i>Journal of Bacteriology</i> , <b>2009</b> , 191, 1941-50	3.5	28
87	Diverse presentation of aberrant origin of the right subclavian artery: two case reports. <i>Chest</i> , <b>1997</b> , 112, 1693-7	5.3	28
86	The Laboratory Diagnosis of Coronavirus Disease 2019- Frequently Asked Questions. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 2996-3001	11.6	27
85	Redox-Active Sensing by Bacterial DksA Transcription Factors Is Determined by Cysteine and Zinc Content. <i>MBio</i> , <b>2016</b> , 7, e02161-15	7.8	26
84	Analysis of nitric oxide-dependent antimicrobial actions in macrophages and mice. <i>Methods in Enzymology</i> , <b>2008</b> , 437, 521-38	1.7	26
83	Man is not a mouse: reply. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 580	6.5	26



82	A Framework for Improving the Quality of Research in the Biological Sciences. <i>MBio</i> , <b>2016</b> , 7,	7.8	25
81	Causes for the Persistence of Impact Factor Mania. <i>MBio</i> , <b>2014</b> , 5,	7.8	25
80	Nifedipine affects the course of <i>Salmonella enterica</i> serovar Typhimurium infection by modulating macrophage iron homeostasis. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 685-94	7	25
79	Reflexive culture in adolescents and adults with group A streptococcal pharyngitis. <i>Clinical Infectious Diseases</i> , <b>2014</b> , 59, 643-50	11.6	24
78	Changes in molecular epidemiology and antimicrobial resistance profiles of <i>Clostridioides</i> ( <i>Clostridium</i> ) <i>difficile</i> strains in the United States between 2011 and 2017. <i>Anaerobe</i> , <b>2019</b> , 60, 102050	2.8	23
77	Identification of a repressor of a truncated denitrification pathway in <i>Moraxella catarrhalis</i> . <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 7762-72	3.5	23
76	Genetic and Dietary Iron Overload Differentially Affect the Course of Typhimurium Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 110	5.9	22
75	Clinical Impact and Cost-effectiveness of Xpert MTB/RIF Testing in Hospitalized Patients With Presumptive Pulmonary Tuberculosis in the United States. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, 482-489	11.6	22
74	Genome-wide Analysis of <i>Salmonella enterica</i> serovar Typhi in Humanized Mice Reveals Key Virulence Features. <i>Cell Host and Microbe</i> , <b>2019</b> , 26, 426-434.e6	23.4	20
73	A Novel 7-Single Nucleotide Polymorphism-Based Clonotyping Test Allows Rapid Prediction of Antimicrobial Susceptibility of Extraintestinal <i>Escherichia coli</i> Directly From Urine Specimens. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3, ofw002	1	20
72	Nitric Oxide Disrupts Zinc Homeostasis in <i>Salmonella enterica</i> Serovar Typhimurium. <i>MBio</i> , <b>2018</b> , 9,	7.8	20
71	The <i>Moraxella catarrhalis</i> nitric oxide reductase is essential for nitric oxide detoxification. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 2804-13	3.5	20
70	Sigma cascades in prokaryotic regulatory networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 4933-4	11.5	20
69	Winner takes all. <i>Scientific American</i> , <b>2012</b> , 307, 13	0.5	19
68	<i>Legionella saintelensis</i> serogroup 2 isolated from patients with pneumonia. <i>Research in Microbiology</i> , <b>1990</b> , 141, 453-63	4	19
67	Dopamine Is a Siderophore-Like Iron Chelator That Promotes Serovar Typhimurium Virulence in Mice. <i>MBio</i> , <b>2019</b> , 10,	7.8	18
66	Biliary obstruction caused by epithelioid angiomatosis in a patient with AIDS. <i>American Journal of Medicine</i> , <b>1990</b> , 89, 820-2	2.4	18
65	Vaccination with attenuated <i>Salmonella enterica</i> Dublin expressing <i>E coli</i> O157:H7 outer membrane protein Intimin induces transient reduction of fecal shedding of <i>E coli</i> O157:H7 in cattle. <i>BMC Veterinary Research</i> , <b>2010</b> , 6, 35	2.7	17

64	Discrimination and Integration of Stress Signals by Pathogenic Bacteria. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 144-153	23.4	17
63	Testing Hypotheses on Risk Factors for Scientific Misconduct via Matched-Control Analysis of Papers Containing Problematic Image Duplications. <i>Science and Engineering Ethics</i> , <b>2019</b> , 25, 771-789	3.1	17
62	Is the Nobel Prize good for science?. <i>FASEB Journal</i> , <b>2013</b> , 27, 4682-90	0.9	16
61	Descriptive science. <i>Infection and Immunity</i> , <b>2008</b> , 76, 3835-6	3.7	16
60	Cloning and sequencing of the gene encoding the RpoS (KatF) sigma factor from Salmonella typhimurium 14028s. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1994</b> , 1219, 198-200		15
59	Use of tetracycline for treatment of Vibrio vulnificus infections. <i>Clinical Infectious Diseases</i> , <b>1992</b> , 15, 1071-2	11.6	15
58	Reactive nitrogen species in host-bacterial interactions. <i>Current Opinion in Immunology</i> , <b>2019</b> , 60, 96-102	7.8	14
57	Species-Specific Risk Factors, Treatment Decisions, and Clinical Outcomes for Laboratory Isolates of Less Common Nontuberculous Mycobacteria in Washington State. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, 1129-1138	4.7	13
56	Human Diphyllbothrium nihonkaiense infection in Washington State. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 1355-7	9.7	13
55	The Evolution of SlyA/RovA Transcription Factors from Repressors to Countersilencers in. <i>MBio</i> , <b>2019</b> , 10,	7.8	12
54	2017 Infectious Diseases Society of America Infectious Diarrhea Guidelines: A View From the Clinical Laboratory. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 1974-1976	11.6	11
53	Analysis and Correction of Inappropriate Image Duplication: the Experience. <i>Molecular and Cellular Biology</i> , <b>2018</b> , 38,	4.8	11
52	Iron ERRs with Salmonella. <i>Cell Host and Microbe</i> , <b>2014</b> , 15, 515-6	23.4	11
51	Mutational analysis of SpvR binding to DNA in the regulation of the Salmonella plasmid virulence operon. <i>Plasmid</i> , <b>1995</b> , 34, 37-47	3.3	11
50	Mutations in the gene encoding the replication-initiation protein of plasmid RK2 produce elevated copy numbers of RK2 derivatives in Escherichia coli and distantly related bacteria. <i>Gene</i> , <b>1993</b> , 133, 1-8	3.8	11
49	Modulation of H-NS transcriptional silencing by magnesium. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 5717-5725	20.1	11
48	The curli regulator CsgD mediates stationary phase counter-silencing of csgBA in Salmonella Typhimurium. <i>Molecular Microbiology</i> , <b>2018</b> , 108, 101-114	4.1	10
47	Contemporary Pharyngeal and Invasive emm1 and Invasive emm12 Group A Streptococcus Isolates Exhibit Similar In Vivo Selection for CovRS Mutants in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162742	3.7	10

46	Ureaplasma urealyticum continuous ambulatory peritoneal dialysis-associated peritonitis diagnosed by 16S rRNA gene PCR. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 4310-2	9.7	9
45	The evolution of MarR family transcription factors as counter-silencers in regulatory networks. <i>Current Opinion in Microbiology</i> , <b>2020</b> , 55, 1-8	7.9	9
44	Gastroenteritis in Men Who Have Sex With Men in Seattle, Washington, 2017-2018. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 109-115	11.6	9
43	Antimicrobial Properties of Nitric Oxide <b>2002</b> , 231-261		8
42	International Spread of Multidrug-Resistant <i>Campylobacter coli</i> in Men Who Have Sex With Men in Washington State and QuBec, 2015-2018. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 1896-1904	11.6	8
41	Grant funding: Playing the odds. <i>Science</i> , <b>2016</b> , 352, 158	33.3	8
40	Fluoroquinolone Resistance in Salmonella and the Utility of Pefloxacin Disk Diffusion [corrected]. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 3401-4	9.7	6
39	Clinical Impact of Multiplex Syndromic Panels in the Diagnosis of Bloodstream, Gastrointestinal, Respiratory, and Central Nervous System Infections. <i>Clinical Microbiology Newsletter</i> , <b>2017</b> , 39, 133-142	1.1	6
38	Salmonella selectively stops traffic. <i>Trends in Microbiology</i> , <b>2002</b> , 10, 391-2	12.4	6
37	The intracellular pathogen concept. <i>Molecular Microbiology</i> , <b>2020</b> , 113, 541-545	4.1	6
36	Suppressor alphabeta T lymphocytes control innate resistance to endotoxic shock. <i>Journal of Infectious Diseases</i> , <b>2005</b> , 192, 1039-46	7	5
35	Making the scientific literature fail-safe. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 4243-4244	15.9	5
34	A tollgate for typhoid. <i>Cell</i> , <b>2012</b> , 151, 473-5	56.2	4
33	Why We Cheat. <i>Scientific American Mind</i> , <b>2013</b> , 24, 30-37		4
32	Why do scientists fabricate and falsify data? A matched-control analysis of papers containing problematic image duplications		4
31	Crowdsourced Data Indicate Widespread Multidrug Resistance in Skin Flora of Healthy Young Adults. <i>Journal of Microbiology and Biology Education</i> , <b>2016</b> , 17, 172-82	1.3	4
30	Long-Term Carriage of <i>Medicopsis romeroi</i> , an Agent of Black-Grain Mycetoma, Presenting as Phaeohyphomycosis in a Renal Transplant Patient. <i>Mycopathologia</i> , <b>2019</b> , 184, 671-676	2.9	3
29	Pain and bloody ear discharge in a returning traveler. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 92, 599-600	3.2	3

28	ASM Journals Eliminate Impact Factor Information from Journal Websites. <i>MSphere</i> , <b>2016</b> , 1,	5	3
27	Treatment of COVID-19 - Evidence-Based or Personalized Medicine?. <i>Clinical Infectious Diseases</i> , <b>2020</b> ,	11.6	3
26	Direct and Indirect Inhibition of Peptide Deformylase by Nitric Oxide. <i>MBio</i> , <b>2020</b> , 11,	7.8	3
25	Risk Factors for BI/NAP1/027 Infections and Clinical Outcomes Compared With Non-NAP1 Strains. <i>Open Forum Infectious Diseases</i> , <b>2019</b> , 6, ofz433	1	2
24	Toxin Immunoassays and Clostridium difficile Infection. <i>JAMA Internal Medicine</i> , <b>2016</b> , 176, 412-3	11.5	2
23	Nitric Oxide in Salmonella and Escherichia coli Infections. <i>EcoSal Plus</i> , <b>2005</b> , 1,	7.7	2
22	Molecular Detection of Antibacterial Drug Resistance1379-1389		2
21	Diseased Science. <i>Microbe Magazine</i> , <b>2014</b> , 9, 390-392		2
20	HIV gp120-Specific Cell-Mediated Immune Responses in Mice After Oral Immunization With Recombinant Salmonella. <i>Journal of Acquired Immune Deficiency Syndromes</i> , <b>1995</b> , 10, 489-495		2
19	Manganese import protects Salmonella enterica serovar Typhimurium against nitrosative stress. <i>Metallomics</i> , <b>2020</b> , 12, 1791-1801	4.5	2
18	Reply to "On the Impact Factor and the ASM Editorial Policy". <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	1
17	Guidelines Support the Value of Stand-Alone Nucleic Acid Amplification Tests for () Infection. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	1
16	Reply to Matthys. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 60, 165-6	11.6	1
15	Border patrols and secret passageways across the intestinal epithelium: response. <i>Trends in Microbiology</i> , <b>2000</b> , 8, 293	12.4	1
14	Cyclopropane Fatty Acids are Important for serovar Typhimurium Virulence. <i>Infection and Immunity</i> , <b>2021</b> , IAI0047921	3.7	1
13	The Prevalence of Inappropriate Image Duplication in Biomedical Research Publications		1
12	The Evolution of SlyA/RovA Transcription Factors From Repressors to Counter-Silencers inEnterobacteriaceae		1
11	Getting to the Heart of the Matter: A 20-Year-Old Man With Fever, Rash, and Chest Pain. <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, ofx272	1	1

10	Do individual and institutional predictors of misconduct vary by country? Results of a matched-control analysis of problematic image duplications.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0255334	3.7	1
9	Reply to Argüelles and Argüelles-Prieto, "Are the Editors Responsible for Our Obsession with the Impact Factor?". <i>MBio</i> , <b>2017</b> , 8,	7.8	0
8	Reply to Meyerowitz and Richterman. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 1319-1320	11.6	0
7	Reply to Agger and Kowalski. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 60, 491-2	11.6	
6	Risk factors for Clostridium difficile infection in C. difficile colonized ICU patients. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S403-S403	1	
5	Reply to "Improving Microbiology Research: the Problems Are Less Statistical and More Biological". <i>MBio</i> , <b>2016</b> , 7,	7.8	
4	The Devil is in the Details: Impact of Penicillin Susceptibility Reporting on the Treatment of Streptococcal Infective Endocarditis. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 264-5	11.6	
3	Reply to Fernández and Vazquez. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1087-1088	11.6	
2	Elevated White Blood Cell Count Does Not Predict Clostridium difficile Nucleic Acid Testing Results. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 699-705	11.6	
1	Analysis of Salmonella Typhi Pathogenesis in a Humanized Mouse Model. <i>Methods in Molecular Biology</i> , <b>2022</b> , 215-234	1.4	