Stanley Falkow

List of Publications by Year in Descending Order

80 papers	15,997 citations	50 h-index	81 g-index
81 ext. papers	17,095 ext. citations	16.8 avg, IF	6.34 L-index

#	Paper	IF	Citations
80	A Molecular Perspective of Microbial Pathogenicity **2015**, 1-10.e2		2
79	A Molecular Perspective of Microbial Pathogenicity **2010**, 1-13		3
78	I never met a microbe I didn't like. *Nature Medicine*, **2008**, 14, 1053-7	50.5	13
77	The fortunate professor. *Annual Review of Microbiology*, **2008**, 62, 1-18	17.5	5
76	Is persistent bacterial infection good for your health?. *Cell*, **2006**, 124, 699-702	56.2	45
75	Mig-14 is an inner membrane-associated protein that promotes Salmonella typhimurium resistance to CRAMP, survival within activated macrophages and persistent infection. *Molecular Microbiology*, **2005**, 55, 954-72	4.1	57
74	Microarray-based detection of Salmonella enterica serovar Typhimurium transposon mutants that cannot survive in macrophages and mice. *Infection and Immunity*, **2005**, 73, 5438-49	3.7	79
73	Helicobacter pylori and gastric cancer: what can be learned by studying the response of gastric epithelial cells to the infection?. *Cancer Epidemiology Biomarkers and Prevention*, **2005**, 14, 1859-64	4	13
72	The Uses of Green Fluorescent Protein in Prokaryotes. *Methods of Biochemical Analysis*, **2005**, 163-178		2
71	Salmonella typhimurium persists within macrophages in the mesenteric lymph nodes of chronically infected Nramp1+/+ mice and can be reactivated by IFNgamma neutralization. *Journal of Experimental Medicine*, **2004**, 199, 231-41	16.6	305
70	Delineation of upstream signaling events in the salmonella pathogenicity island 2 transcriptional activation pathway. *Journal of Bacteriology*, **2004**, 186, 4694-704	3.5	43
69	Phosphorylation-independent effects of CagA during interaction between Helicobacter pylori and T84 polarized monolayers. *Journal of Infectious Diseases*, **2004**, 190, 1516-23	7	66
68	The Campylobacter jejuni dccRS two-component system is required for optimal in vivo colonization but is dispensable for in vitro growth. *Molecular Microbiology*, **2004**, 54, 1269-86	4.1	59
67	Molecular Koch's postulates applied to bacterial pathogenicity--a personal recollection 15 years later. *Nature Reviews Microbiology*, **2004**, 2, 67-72	22.2	186
66	Persistent bacterial infections: the interface of the pathogen and the host immune system. *Nature Reviews Microbiology*, **2004**, 2, 747-65	22.2	392
65	Breaking into the epithelial apical-junctional complex--news from pathogen hackers. *Current Opinion in Cell Biology*, **2004**, 16, 86-93	9	58
64	Disruption of the epithelial apical-junctional complex by Helicobacter pylori CagA. *Science*, **2003**, 300, 1430-4	33.3	598

63	virK, somA and rcsC are important for systemic Salmonella enterica serovar Typhimurium infection and cationic peptide resistance. *Molecular Microbiology*, **2003**, 48, 385-400	4.1	127
62	Modulation of virulence by two acidified nitrite-responsive loci of Salmonella enterica serovar Typhimurium. *Infection and Immunity*, **2003**, 71, 3196-205	3.7	48
61	The Salmonella-containing vacuole is a major site of intracellular cholesterol accumulation and recruits the GPI-anchored protein CD55. *Cellular Microbiology*, **2002**, 4, 315-28	3.9	81
60	Cag pathogenicity island-specific responses of gastric epithelial cells to Helicobacter pylori infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 15136-41	11.5	182
59	mig-14 is a Salmonella gene that plays a role in bacterial resistance to antimicrobial peptides. *Journal of Bacteriology*, **2002**, 184, 3203-13	3.5	64
58	Salmonella pathogenicity island 2-dependent macrophage death is mediated in part by the host cysteine protease caspase-1. *Cellular Microbiology*, **2001**, 3, 825-37	3.9	99
57	Bile-induced SpiliSin Campylobacter jejuni are bacteria-independent artifacts of the culture medium. *Molecular Microbiology*, **2001**, 39, 1546-9	4.1	16
56	Salmonella-induced macrophage death: the role of caspase-1 in death and inflammation. *Microbes and Infection*, **2001**, 3, 1201-12	9.3	97
55	New approaches for validation of lethal phenotypes and genetic reversion in Helicobacter pylori. *Helicobacter*, **2001**, 6, 15-23	4.9	27
54	Identification of attenuated Yersinia pseudotuberculosis strains and characterization of an orogastric infection in BALB/c mice on day 5 postinfection by signature-tagged mutagenesis. *Infection and Immunity*, **2001**, 69, 2779-87	3.7	106
53	Living in stools is not as dumb as you think. *Journal of Bacteriology*, **2000**, 182, 3319-22	3.5	3
52	Salmonella exploits caspase-1 to colonize Peyer's patches in a murine typhoid model. *Journal of Experimental Medicine*, **2000**, 192, 249-58	16.6	189
51	OmpR regulates the two-component system SsrA-ssrB in Salmonella pathogenicity island 2. *Journal of Bacteriology*, **2000**, 182, 771-81	3.5	252
50	mig-14 is a horizontally acquired, host-induced gene required for salmonella enterica lethal infection in the murine model of typhoid fever. *Infection and Immunity*, **2000**, 68, 7126-31	3.7	29
49	Apoptosis as a common bacterial virulence strategy. *International Journal of Medical Microbiology*, **2000**, 290, 7-13	3.7	33
48	Granuloma-specific expression of Mycobacterium virulence proteins from the glycine-rich PE-PGRS family. *Science*, **2000**, 288, 1436-9	33.3	355
47	Suppression of T and B lymphocyte activation by a Yersinia pseudotuberculosis virulence factor, yopH. *Journal of Experimental Medicine*, **1999**, 190, 1343-50	16.6	121
46	Genomic clues for defining bacterial pathogenicity. *Microbes and Infection*, **1999**, 1, 615-9	9.3	12

45	Cellular Microbiology is launched. *Cellular Microbiology*, **1999**, 1, 3-6	3.9	4
44	Extraintestinal dissemination of Salmonella by CD18-expressing phagocytes. *Nature*, **1999**, 401, 804-8	50.4	532
43	Pathogen strategies. *Advances in Cellular and Molecular Biology of Membranes and Organelles*, **1999**, 6, 1-25		2
42	Efficient homologous and illegitimate recombination in the opportunistic yeast pathogen Candida glabrata. *Genetics*, **1999**, 151, 979-87	4	132
41	The Yersinia Yops inhibit invasion of Listeria, Shigella and Edwardsiella but not Salmonella into epithelial cells. *Molecular Microbiology*, **1998**, 28, 1269-81	4.1	63
40	Macrophage-dependent induction of the Salmonella pathogenicity island 2 type III secretion system and its role in intracellular survival. *Molecular Microbiology*, **1998**, 30, 175-88	4.1	500
39	Flow cytometry and bacterial pathogenesis. *Current Opinion in Microbiology*, **1998**, 1, 359-63	7.9	40
38	1.1 Detection of Virulence Genes Expressed within Infected Cells. *Methods in Microbiology*, **1998**, 3-12	2.8	
37	Constitutive and inducible green fluorescent protein expression in Bartonella henselae. *Infection and Immunity*, **1998**, 66, 3964-7	3.7	33
36	Yeast-enhanced green fluorescent protein (yEGFP): a reporter of gene expression in Candida albicans. *Microbiology (United Kingdom)*, **1997**, 143 (Pt 2), 303-311	2.9	501
35	Microbial pathogenesis: genomics and beyond. *Science*, **1997**, 276, 707-12	33.3	150
34	Fluorescence-based isolation of bacterial genes expressed within host cells. *Science*, **1997**, 277, 2007-11	33.3	524
33	Functional analysis of ssaJ and the ssaK/U operon, 13 genes encoding components of the type III secretion apparatus of Salmonella Pathogenicity Island 2. *Molecular Microbiology*, **1997**, 24, 155-67	4.1	149
32	From microbial genomics to meta-genomics. *Drug Development Research*, **1997**, 41, 180-192	5.1	4
31	FACS-optimized mutants of the green fluorescent protein (GFP). *Gene*, **1996**, 173, 33-8	3.8	2514
30	Applications for green fluorescent protein (GFP) in the study of host-pathogen interactions. *Gene*, **1996**, 173, 47-52	3.8	238
29	Bacterial genetics by flow cytometry: rapid isolation of Salmonella typhimurium acid-inducible promoters by differential fluorescence induction. *Molecular Microbiology*, **1996**, 22, 367-78	4.1	373
28	Salmonellosis: host immune responses and bacterial virulence determinants. *Annual Review of Immunology*, **1996**, 14, 533-61	34.7	330

27	A Haemophilus influenzae IgA protease-like protein promotes intimate interaction with human epithelial cells. *Molecular Microbiology*, **1994**, 14, 217-33	4.1	145
26	Ruffles induced by Salmonella and other stimuli direct macropinocytosis of bacteria. *Nature*, **1993**, 364, 639-42	50.4	383
25	The role of host tyrosine phosphorylation in bacterial pathogenesis. *Trends in Genetics*, **1993**, 9, 85-9	8.5	25
24	Capsule loss by Haemophilus influenzae type b results in enhanced adherence to and entry into human cells. *Journal of Infectious Diseases*, **1992**, 165 Suppl 1, S117-8	7	12
23	Identification of the uncultured bacillus of Whipple's disease. *New England Journal of Medicine*, **1992**, 327, 293-301	59.2	989
22	The agent of bacillary angiomatosis. An approach to the identification of uncultured pathogens. *New England Journal of Medicine*, **1990**, 323, 1573-80	59.2	799
21	Passage of Salmonella through polarized epithelial cells: role of the host and bacterium. *Journal of Cell Science*, **1989**, 11, 99-107	5.3	32
20	Using knowledge of virulence factors to select or design organisms with low risk of pathogenicity. *Basic Life Sciences*, **1988**, 45, 121-6		
19	Identification of invasin: a protein that allows enteric bacteria to penetrate cultured mammalian cells. *Cell*, **1987**, 50, 769-78	56.2	535
18	Detection of Chlamydia trachomatis in tissue culture and cervical scrapings by in situ DNA hybridization. *Journal of Infectious Diseases*, **1986**, 153, 1155-9	7	52
17	A single genetic locus encoded by Yersinia pseudotuberculosis permits invasion of cultured animal cells by Escherichia coli K-12. *Nature*, **1985**, 317, 262-4	50.4	472
16	AFA-I, a cloned afimbrial X-type adhesin from a human pyelonephritic Escherichia coli strain. Purification and chemical, functional and serologic characterization. *FEBS Journal*, **1985**, 152, 315-21		22
15	Haemolysin contributes to virulence of extra-intestinal E. coli infections. *Nature*, **1981**, 294, 665-7	50.4	298
14	Amino acid sequence homology between cholera toxin and Escherichia coli heat-labile toxin. *Nature* , **1980**, 288, 499-501	50.4	308
13	The molecular nature of heat-labile enterotoxin (LT) of escherichia coli. *Nature*, **1979**, 277, 406-7	50.4	72
12	Identification of the protein encoded by the transposable element Tn3 which is required for its transposition. *Nature*, **1979**, 282, 797-801	50.4	141
11	Relationship between beta converting and gamma non-converting corynebacteriophage DNA. *Nature*, **1978**, 271, 683-5	50.4	17
10	Plasmid-mediated beta-lactamase production in Neisseria gonorrhoeae. *Antimicrobial Agents and Chemotherapy*, **1977**, 11, 528-33	5.9	122

9	Covalently closed circular DNA molecules deficient in superhelical density as intermediates in plasmid life cycle. *Nature*, **1976**, 261, 516-9	50.4	17
8	Two replication initiation sites on R-plasmid DNA. *Molecular Genetics and Genomics*, **1975**, 140, 39-50		62
7	Characterization of plasmid deoxyribonucleic acid from Neisseria gonorrhoeae. *Infection and Immunity*, **1974**, 10, 712-7	3.7	62
6	Molecular nature of two nonconjugative plasmids carrying drug resistance genes. *Journal of Bacteriology*, **1974**, 117, 619-30	3.5	207
5	General method for the isolation of plasmid deoxyribonucleic acid. *Journal of Bacteriology*, **1973**, 116, 1064-6	3.5	657
4	The problems of drug-resistant pathogenic bacteria. The replication of R-factor DNA in Escherichia coli K-12 following conjugation. *Annals of the New York Academy of Sciences*, **1971**, 182, 153-71	6.5	48
3	Specific labeling and physical characterization of R-factor deoxyribonucleic acid in Escherichia coli. *Journal of Bacteriology*, **1970**, 104, 331-9	3.5	73
2	Selection of Signature-Tagged Legionella pneumophila Mutants in Acanthamoeba castellanii152-160		
1	Toward Understanding the Molecular Basis of Bacterial Pathogenicity1-10		