

# Stanley Falkow

## List of Publications by Year in descending order

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81  
papers

18,973  
citations

34016

52  
h-index

71532

76  
g-index

81  
all docs

81  
docs citations

81  
times ranked

13707  
citing authors

#	ARTICLE	IF	CITATIONS
1	FACS-optimized mutants of the green fluorescent protein (GFP). <i>Gene</i> , 1996, 173, 33-38.	1.0	2,830
2	Identification of the Uncultured <i>Bacillus</i> of Whipple's Disease. <i>New England Journal of Medicine</i> , 1992, 327, 293-301.	13.9	1,196
3	The Agent of Bacillary Angiomatosis. <i>New England Journal of Medicine</i> , 1990, 323, 1573-1580.	13.9	985
4	General Method for the Isolation of Plasmid Deoxyribonucleic Acid. <i>Journal of Bacteriology</i> , 1973, 116, 1064-1066.	1.0	915
5	What are the consequences of the disappearing human microbiota?. <i>Nature Reviews Microbiology</i> , 2009, 7, 887-894.	13.6	738
6	Disruption of the Epithelial Apical-Junctional Complex by <i>Helicobacter pylori</i> CagA. <i>Science</i> , 2003, 300, 1430-1434.	6.0	678
7	Identification of invasins: A protein that allows enteric bacteria to penetrate cultured mammalian cells. <i>Cell</i> , 1987, 50, 769-778.	13.5	645
8	Extraintestinal dissemination of <i>Salmonella</i> by CD18-expressing phagocytes. <i>Nature</i> , 1999, 401, 804-808.	13.7	606
9	A single genetic locus encoded by <i>Yersinia pseudotuberculosis</i> permits invasion of cultured animal cells by <i>Escherichia coli</i> K-12. <i>Nature</i> , 1985, 317, 262-264.	13.7	597
10	Fluorescence-Based Isolation of Bacterial Genes Expressed Within Host Cells. <i>Science</i> , 1997, 277, 2007-2011.	6.0	575
11	Macrophage-dependent induction of the <i>Salmonella</i> pathogenicity island 2 type III secretion system and its role in intracellular survival. <i>Molecular Microbiology</i> , 1998, 30, 175-188.	1.2	563
12	Yeast-enhanced green fluorescent protein (yEGFP): a reporter of gene expression in <i>Candida albicans</i> . <i>Microbiology (United Kingdom)</i> , 1997, 143, 303-311.	0.7	559
13	Persistent bacterial infections: the interface of the pathogen and the host immune system. <i>Nature Reviews Microbiology</i> , 2004, 2, 747-765.	13.6	473
14	Ruffles induced by <i>Salmonella</i> and other stimuli direct macropinocytosis of bacteria. <i>Nature</i> , 1993, 364, 639-642.	13.7	451
15	Bacterial genetics by flow cytometry: rapid isolation of <i>Salmonella typhimurium</i> acid-inducible promoters by differential fluorescence induction. <i>Molecular Microbiology</i> , 1996, 22, 367-378.	1.2	442
16	Granuloma-Specific Expression of <i>Mycobacterium</i> Virulence Proteins from the Glycine-Rich PE-PGRS Family. <i>Science</i> , 2000, 288, 1436-1439.	6.0	396
17	Haemolysin contributes to virulence of extra-intestinal <i>E. coli</i> infections. <i>Nature</i> , 1981, 294, 665-667.	13.7	380
18	Amino acid sequence homology between cholera toxin and <i>Escherichia coli</i> heat-labile toxin. <i>Nature</i> , 1980, 288, 499-501.	13.7	376

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19	SALMONELLOSIS: Host Immune Responses and Bacterial Virulence Determinants. Annual Review of Immunology, 1996, 14, 533-561.	9.5	375
20	Salmonella typhimurium Persists within Macrophages in the Mesenteric Lymph Nodes of Chronically Infected Nramp1+/+ Mice and Can Be Reactivated by IFN $\gamma$ Neutralization. Journal of Experimental Medicine, 2004, 199, 231-241.	4.2	366
21	OmpR Regulates the Two-Component System SsrA-SsrB in Salmonella Pathogenicity Island 2. Journal of Bacteriology, 2000, 182, 771-781.	1.0	291
22	Applications for green fluorescent protein (GFP) in the study of host-pathogen interactions. Gene, 1996, 173, 47-52.	1.0	276
23	Molecular Nature of Two Nonconjugative Plasmids Carrying Drug Resistance Genes. Journal of Bacteriology, 1974, 117, 619-630.	1.0	263
24	Molecular Koch's postulates applied to bacterial pathogenicity – a personal recollection 15 years later. Nature Reviews Microbiology, 2004, 2, 67-72.	13.6	241
25	Salmonella Exploits Caspase-1 to Colonize Peyer's Patches in a Murine Typhoid Model. Journal of Experimental Medicine, 2000, 192, 249-258.	4.2	219
26	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, 15136-15141.	3.3	202
27	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, 155-167.	1.2	180
28	Microbial Pathogenesis: Genomics and Beyond. Science, 1997, 276, 707-712.	6.0	170
29	Identification of the protein encoded by the transposable element Tn 3 which is required for its transposition. Nature, 1979, 282, 797-801.	13.7	167
30	Efficient Homologous and Illegitimate Recombination in the Opportunistic Yeast Pathogen Candida glabrata. Genetics, 1999, 151, 979-987.	1.2	167
31	A Haemophilus influenzae IgA protease-like protein promotes intimate interaction with human epithelial cells. Molecular Microbiology, 1994, 14, 217-233.	1.2	160
32	virK, somA and rcsC are important for systemic Salmonella enterica serovar Typhimurium infection and cationic peptide resistance. Molecular Microbiology, 2003, 48, 385-400.	1.2	152
33	Plasmid-Mediated Beta-Lactamase Production in <i>Neisseria gonorrhoeae</i> . Antimicrobial Agents and Chemotherapy, 1977, 11, 528-533.	1.4	143
34	Suppression of T and B Lymphocyte Activation by a Yersinia pseudotuberculosis Virulence Factor, Yoph. Journal of Experimental Medicine, 1999, 190, 1343-1350.	4.2	136
35	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, 2779-2787.	1.0	112
36	Salmonella-induced macrophage death: the role of caspase-1 in death and inflammation. Microbes and Infection, 2001, 3, 1201-1212.	1.0	109

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37	Salmonella pathogenicity island 2-dependent macrophage death is mediated in part by the host cysteine protease caspase-1. <i>Cellular Microbiology</i> , 2001, 3, 825-837.	1.1	108
38	Specific Labeling and Physical Characterization of R-Factor Deoxyribonucleic Acid in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1970, 104, 331-339.	1.0	108
39	The molecular nature of heat-labile enterotoxin (LT) of <i>Escherichia coli</i> . <i>Nature</i> , 1979, 277, 406-407.	13.7	101
40	Characterization of Plasmid Deoxyribonucleic Acid from <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 1974, 10, 712-717.	1.0	96
41	The Salmonella-containing vacuole is a major site of intracellular cholesterol accumulation and recruits the GPI-anchored protein CD55. <i>Cellular Microbiology</i> , 2002, 4, 315-328.	1.1	91
42	Microarray-Based Detection of <i>Salmonella enterica</i> Serovar Typhimurium Transposon Mutants That Cannot Survive in Macrophages and Mice. <i>Infection and Immunity</i> , 2005, 73, 5438-5449.	1.0	85
43	Mig-14 is an inner membrane-associated protein that promotes <i>Salmonella typhimurium</i> resistance to CRAMP, survival within activated macrophages and persistent infection. <i>Molecular Microbiology</i> , 2004, 55, 954-972.	1.2	77
44	Two replication initiation sites on R-plasmid DNA. <i>Molecular Genetics and Genomics</i> , 1975, 140, 39-50.	2.4	76
45	mig - 14 Is a Salmonella Gene That Plays a Role in Bacterial Resistance to Antimicrobial Peptides. <i>Journal of Bacteriology</i> , 2002, 184, 3203-3213.	1.0	75
46	Phosphorylation-independent Effects of CagA during Interaction between <i>Helicobacter pylori</i> and T84 Polarized Monolayers. <i>Journal of Infectious Diseases</i> , 2004, 190, 1516-1523.	1.9	71
47	THE REPLICATION OF R-FACTOR DNA IN <i>ESCHERICHIA COLI</i> K-12 FOLLOWING CONJUGATION. <i>Annals of the New York Academy of Sciences</i> , 1971, 182, 153-171.	1.8	70
48	The <i>Yersinia Yops</i> inhibit invasion of <i>Listeria</i> , <i>Shigella</i> and <i>Edwardsiella</i> but not <i>Salmonella</i> into epithelial cells. <i>Molecular Microbiology</i> , 1998, 28, 1269-1281.	1.2	69
49	Breaking into the epithelial apical "junctional complex" news from pathogen hackers. <i>Current Opinion in Cell Biology</i> , 2004, 16, 86-93.	2.6	68
50	The <i>Campylobacter jejuni</i> dccRS two-component system is required for optimal in vivo colonization but is dispensable for in vitro growth. <i>Molecular Microbiology</i> , 2004, 54, 1269-1286.	1.2	64
51	Detection of <i>Chlamydia trachomatis</i> in Tissue Culture and Cervical Scrapings by in Situ DNA Hybridization. <i>Journal of Infectious Diseases</i> , 1986, 153, 1155-1159.	1.9	60
52	Is Persistent Bacterial Infection Good for Your Health?. <i>Cell</i> , 2006, 124, 699-702.	13.5	56
53	Modulation of Virulence by Two Acidified Nitrite-Responsive Loci of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Infection and Immunity</i> , 2003, 71, 3196-3205.	1.0	54
54	Delineation of Upstream Signaling Events in the Salmonella Pathogenicity Island 2 Transcriptional Activation Pathway. <i>Journal of Bacteriology</i> , 2004, 186, 4694-4704.	1.0	52

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55	Passage of Salmonella through polarized epithelial cells: role of the host and bacterium. <i>Journal of Cell Science</i> , 1989, 1989, 99-107.	1.2	45
56	Constitutive and Inducible Green Fluorescent Protein Expression in <i>Bartonella henselae</i> . <i>Infection and Immunity</i> , 1998, 66, 3964-3967.	1.0	42
57	Flow cytometry and bacterial pathogenesis. <i>Current Opinion in Microbiology</i> , 1998, 1, 359-363.	2.3	41
58	Apoptosis as a common bacterial virulence strategy. <i>International Journal of Medical Microbiology</i> , 2000, 290, 7-13.	1.5	36
59	New Approaches for Validation of Lethal Phenotypes and Genetic Reversion in <i>Helicobacter pylori</i> . <i>Helicobacter</i> , 2001, 6, 15-23.	1.6	35
60	mig-14 Is a Horizontally Acquired, Host-Induced Gene Required for <i>Salmonella enterica</i> Lethal Infection in the Murine Model of Typhoid Fever. <i>Infection and Immunity</i> , 2000, 68, 7126-7131.	1.0	31
61	Relationship between $\hat{I}^2$ converting and $\hat{I}^3$ non-converting corynebacteriophage DNA. <i>Nature</i> , 1978, 271, 683-685.	13.7	29
62	The role of host tyrosine phosphorylation in bacterial pathogenesis. <i>Trends in Genetics</i> , 1993, 9, 85-89.	2.9	29
63	AFA-I, a cloned afimbrial X-type adhesin from a human pyelonephritic <i>Escherichia coli</i> strain. Purification and chemical, functional and serologic characterization. <i>FEBS Journal</i> , 1985, 152, 315-321.	0.2	28
64	Bile-induced 'pili' in <i>Campylobacter jejuni</i> are bacteria-independent artifacts of the culture medium. <i>Molecular Microbiology</i> , 2001, 39, 1546-1549.	1.2	19
65	Covalently closed circular DNA molecules deficient in superhelical density as intermediates in plasmid life cycle. <i>Nature</i> , 1976, 261, 516-519.	13.7	18
66	I never met a microbe I didn't like. <i>Nature Medicine</i> , 2008, 14, 1053-1057.	15.2	17
67	Genomic clues for defining bacterial pathogenicity. <i>Microbes and Infection</i> , 1999, 1, 615-619.	1.0	16
68	Capsule Loss by <i>Haemophilus influenzae</i> Type b Results in Enhanced Adherence to and Entry into Human Cells. <i>Journal of Infectious Diseases</i> , 1992, 165, S117-S118.	1.9	14
69	<i>Helicobacter pylori</i> and Gastric Cancer: What can be Learned by Studying the Response of Gastric Epithelial Cells to the Infection?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1859-1864.	1.1	13
70	From microbial genomics to meta-genomics. <i>Drug Development Research</i> , 1997, 41, 180-192.	1.4	11
71	The Fortunate Professor. <i>Annual Review of Microbiology</i> , 2008, 62, 1-18.	2.9	7
72	The Uses of Green Fluorescent Protein in Prokaryotes. <i>Methods of Biochemical Analysis</i> , 2005, , 163-178.	0.2	6

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73	A Molecular Perspective of Microbial Pathogenicity. , 2015, , 1-10.e2.		6
74	Cellular Microbiology is launched. Cellular Microbiology, 1999, 1, 3-6.	1.1	5
75	Living in Stools Is Not as Dumb as You Think. Journal of Bacteriology, 2000, 182, 3319-3322.	1.0	4
76	A Molecular Perspective of Microbial Pathogenicity. , 2010, , 1-13.		3
77	Pathogen strategies. Advances in Cellular and Molecular Biology of Membranes and Organelles, 1999, 6, 1-25.	0.3	2
78	1.1 Detection of Virulence Genes Expressed within Infected Cells. Methods in Microbiology, 1998, , 3-12.	0.4	1
79	Using Knowledge of Virulence Factors to Select or Design Organisms with Low Risk of Pathogenicity. , 1988, 45, 121-126.		0
80	Selection of Signature-Tagged <i>Legionella pneumophila</i> Mutants in <i>Acanthamoeba castellanii</i> . , 0, , 152-160.		0
81	Toward Understanding the Molecular Basis of Bacterial Pathogenicity. , 0, , 1-10.		0