# Stanley Falkow

List of Publications by Year
in descending order

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|---|---|---|---|
| 81<br>papers | 18,973<br>citations | 34105<br>52<br>h-index | 71685<br>76<br>g-index |
| 81<br>all docs | 81<br>docs citations | 81<br>times ranked | 13707<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | FACS-optimized mutants of the green fluorescent protein (GFP). Gene, 1996, 173, 33-38. | 2.2 | 2,830 |
| 2 | Identification of the Uncultured Bacillus of Whippleâ€™s Disease. New England Journal of Medicine, 1992, 327, 293-301. | 27.0 | 1,196 |
| 3 | The Agent of Bacillary Angiomatosis. New England Journal of Medicine, 1990, 323, 1573-1580. | 27.0 | 985 |
| 4 | General Method for the Isolation of Plasmid Deoxyribonucleic Acid. Journal of Bacteriology, 1973, 116, 1064-1066. | 2.2 | 915 |
| 5 | What are the consequences of the disappearing human microbiota?. Nature Reviews Microbiology, 2009, 7, 887-894. | 28.6 | 738 |
| 6 | Disruption of the Epithelial Apical-Junctional Complex by Helicobacter pylori CagA. Science, 2003, 300, 1430-1434. | 12.6 | 678 |
| 7 | Identification of invasin: A protein that allows enteric bacteria to penetrate cultured mammalian cells. Cell, 1987, 50, 769-778. | 28.9 | 645 |
| 8 | Extraintestinal dissemination of Salmonella by CD18-expressing phagocytes. Nature, 1999, 401, 804-808. | 27.8 | 606 |
| 9 | A single genetic locus encoded by Yersinia pseudotuberculosis permits invasion of cultured animal cells by Escherichia coli K-12. Nature, 1985, 317, 262-264. | 27.8 | 597 |
| 10 | Fluorescence-Based Isolation of Bacterial Genes Expressed Within Host Cells. Science, 1997, 277, 2007-2011. | 12.6 | 575 |
| 11 | Macrophage-dependent induction of theSalmonellapathogenicity island 2 type III secretion system and its role in intracellular survival. Molecular Microbiology, 1998, 30, 175-188. | 2.5 | 563 |
| 12 | Yeast-enhanced green fluorescent protein (yEGFP): a reporter of gene expression in Candida albicans. Microbiology (United Kingdom), 1997, 143, 303-311. | 1.8 | 559 |
| 13 | Persistent bacterial infections: the interface of the pathogen and the host immune system. Nature Reviews Microbiology, 2004, 2, 747-765. | 28.6 | 473 |
| 14 | Ruffles induced by Salmonella and other stimuli direct macropinocytosis of bacteria. Nature, 1993, 364, 639-642. | 27.8 | 451 |
| 15 | Bacterial genetics by flow cytometry: rapid isolation ofSalmonella typhimuriumacid-inducible promoters by differential fluorescence induction. Molecular Microbiology, 1996, 22, 367-378. | 2.5 | 442 |
| 16 | Granuloma-Specific Expression of Mycobacterium Virulence Proteins from the Glycine-Rich PE-PGRS Family. Science, 2000, 288, 1436-1439. | 12.6 | 396 |
| 17 | Haemolysin contributes to virulence of extra-intestinal E. coli infections. Nature, 1981, 294, 665-667. | 27.8 | 380 |
| 18 | Amino acid sequence homology between cholera toxin and Escherichia coli heat-labile toxin. Nature, 1980, 288, 499-501. | 27.8 | 376 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | SALMONELLOSIS: Host Immune Responses and Bacterial Virulence Determinants1. Annual Review of Immunology, 1996, 14, 533-561. | 21.8 | 375 |
| 20 | Salmonella typhimurium Persists within Macrophages in the Mesenteric Lymph Nodes of Chronically Infected Nramp1+/+ Mice and Can Be Reactivated by IFNÎ³ Neutralization. Journal of Experimental Medicine, 2004, 199, 231-241. | 8.5 | 366 |
| 21 | OmpR Regulates the Two-Component System SsrA-SsrB in Salmonella Pathogenicity Island 2. Journal of Bacteriology, 2000, 182, 771-781. | 2.2 | 291 |
| 22 | Applications for green fluorescent protein (GFP) in the study of hostpathogen interactions. Gene, 1996, 173, 47-52. | 2.2 | 276 |
| 23 | Molecular Nature of Two Nonconjugative Plasmids Carrying Drug Resistance Genes. Journal of Bacteriology, 1974, 117, 619-630. | 2.2 | 263 |
| 24 | Molecular Koch's postulates applied to bacterial pathogenicity â€" a personal recollection 15 years later. Nature Reviews Microbiology, 2004, 2, 67-72. | 28.6 | 241 |
| 25 | Salmonella Exploits Caspase-1 to Colonize Peyer's Patches in a Murine Typhoid Model. Journal of Experimental Medicine, 2000, 192, 249-258. | 8.5 | 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. | 7.1 | 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. | 2.5 | 180 |
| 28 | Microbial Pathogenesis: Genomics and Beyond. Science, 1997, 276, 707-712. | 12.6 | 170 |
| 29 | Identification of the protein encoded by the transposable element Tn 3 which is required for its transposition. Nature, 1979, 282, 797-801. | 27.8 | 167 |
| 30 | Efficient Homologous and Illegitimate Recombination in the Opportunistic Yeast Pathogen Candida glabrata. Genetics, 1999, 151, 979-987. | 2.9 | 167 |
| 31 | A Haemophilus influenzae IgA proteaseâ€like protein promotes intimate interaction with human epithelial cells. Molecular Microbiology, 1994, 14, 217-233. | 2.5 | 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. | 2.5 | 152 |
| 33 | Plasmid-Mediated Beta-Lactamase Production in Neisseria gonorrhoeae. Antimicrobial Agents and Chemotherapy, 1977, 11, 528-533. | 3.2 | 143 |
| 34 | Suppression of T and B Lymphocyte Activation by a Yersinia pseudotuberculosis Virulence Factor, Yoph. Journal of Experimental Medicine, 1999, 190, 1343-1350. | 8.5 | 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. | 2.2 | 112 |
| 36 | Salmonella-induced macrophage death: the role of caspase-1 in death and inflammation. Microbes and Infection, 2001, 3, 1201-1212. | 1.9 | 109 |

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|---|---|---|---|
| 37 | Salmonella pathogenicity island 2-dependent macrophage death is mediated in part by the host cysteine protease caspase-1. Cellular Microbiology, 2001, 3, 825-837. | 2.1 | 108 |
| 38 | Specific Labeling and Physical Characterization of R-Factor Deoxyribonucleic Acid in Escherichia coli. Journal of Bacteriology, 1970, 104, 331-339. | 2.2 | 108 |
| 39 | The molecular nature of heat-labile enterotoxin (LT) of Escherichia coli. Nature, 1979, 277, 406-407. | 27.8 | 101 |
| 40 | Characterization of Plasmid Deoxyribonucleic Acid from Neisseria gonorrhoeae. Infection and Immunity, 1974, 10, 712-717. | 2.2 | 96 |
| 41 | The Salmonella-containing vacuole is a major site of intracellular cholesterol accumulation and recruits the GPI-anchored protein CD55. Cellular Microbiology, 2002, 4, 315-328. | 2.1 | 91 |
| 42 | Microarray-Based Detection of Salmonella enterica Serovar Typhimurium Transposon Mutants That Cannot Survive in Macrophages and Mice. Infection and Immunity, 2005, 73, 5438-5449. | 2.2 | 85 |
| 43 | Mig-14 is an inner membrane-associated protein that promotes Salmonella typhimurium resistance to CRAMP, survival within activated macrophages and persistent infection. Molecular Microbiology, 2004, 55, 954-972. | 2.5 | 77 |
| 44 | Two replication initiation sites on R-plasmid DNA. Molecular Genetics and Genomics, 1975, 140, 39-50. | 2.4 | 76 |
| 45 | mig - 14 Is a Salmonella Gene That Plays a Role in Bacterial Resistance to Antimicrobial Peptides. Journal of Bacteriology, 2002, 184, 3203-3213. | 2.2 | 75 |
| 46 | Phosphorylationâ€Independent Effects of CagA during Interaction betweenHelicobacter pyloriand T84 Polarized Monolayers. Journal of Infectious Diseases, 2004, 190, 1516-1523. | 4.0 | 71 |
| 47 | THE REPLICATION OF R-FACTOR DNA IN ESCHERICHIA COLI K-12 FOLLOWING CONJUGATION. Annals of the New York Academy of Sciences, 1971, 182, 153-171. | 3.8 | 70 |
| 48 | The Yersinia Yops inhibit invasion of Listeria, Shigella and Edwardsiella but not Salmonella into epithelial cells. Molecular Microbiology, 1998, 28, 1269-1281. | 2.5 | 69 |
| 49 | Breaking into the epithelial apicalâ€“junctional complex â€” news from pathogen hackers. Current Opinion in Cell Biology, 2004, 16, 86-93. | 5.4 | 68 |
| 50 | 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, 1269-1286. | 2.5 | 64 |
| 51 | Detection of Chlamydia trachomatis in Tissue Culture and Cervical Scrapings by in Situ DNA Hybridization. Journal of Infectious Diseases, 1986, 153, 1155-1159. | 4.0 | 60 |
| 52 | Is Persistent Bacterial Infection Good for Your Health?. Cell, 2006, 124, 699-702. | 28.9 | 56 |
| 53 | Modulation of Virulence by Two Acidified Nitrite-Responsive Loci of Salmonella enterica Serovar Typhimurium. Infection and Immunity, 2003, 71, 3196-3205. | 2.2 | 54 |
| 54 | Delineation of Upstream Signaling Events in the Salmonella Pathogenicity Island 2 Transcriptional Activation Pathway. Journal of Bacteriology, 2004, 186, 4694-4704. | 2.2 | 52 |

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|---|---|---|---|
| 55 | Passage of Salmonella through polarized epithelial cells: role of the host and bacterium. Journal of Cell Science, 1989, 1989, 99-107. | 2.0 | 45 |
| 56 | Constitutive and Inducible Green Fluorescent Protein Expression in Bartonella henselae. Infection and Immunity, 1998, 66, 3964-3967. | 2.2 | 42 |
| 57 | Flow cytometry and bacterial pathogenesis. Current Opinion in Microbiology, 1998, 1, 359-363. | 5.1 | 41 |
| 58 | Apoptosis as a common bacterial virulence strategy. International Journal of Medical Microbiology, 2000, 290, 7-13. | 3.6 | 36 |
| 59 | New Approaches for Validation of Lethal Phenotypes and Genetic Reversion in Helicobacter pylori. Helicobacter, 2001, 6, 15-23. | 3.5 | 35 |
| 60 | 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, 7126-7131. | 2.2 | 31 |
| 61 | Relationship between Î² converting and Î³ non-converting corynebacteriophage DNA. Nature, 1978, 271, 683-685. | 27.8 | 29 |
| 62 | The role of host tyrosine phosphorylation in bacterial pathogenesis. Trends in Genetics, 1993, 9, 85-89. | 6.7 | 29 |
| 63 | AFA-I, a cloned afimbrial X-type adhesin from a human pyelonephritic Escherichia coli strain. Purification and chemical, functional and serlologic characterization. FEBS Journal, 1985, 152, 315-321. | 0.2 | 28 |
| 64 | Bile-induced 'pili' in Campylobacter jejuni are bacteria-independent artifacts of the culture medium. Molecular Microbiology, 2001, 39, 1546-1549. | 2.5 | 19 |
| 65 | Covalently closed circular DNA molecules deficient in superhelical density as intermediates in plasmid life cycle. Nature, 1976, 261, 516-519. | 27.8 | 18 |
| 66 | I never met a microbe I didn't like. Nature Medicine, 2008, 14, 1053-1057. | 30.7 | 17 |
| 67 | Genomic clues for defining bacterial pathogenicity. Microbes and Infection, 1999, 1, 615-619. | 1.9 | 16 |
| 68 | Capsule Loss by Haemophilus influenzae Type b Results in Enhanced Adherence to and Entry into Human Cells. Journal of Infectious Diseases, 1992, 165, S117-S118. | 4.0 | 14 |
| 69 | 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, 1859-1864. | 2.5 | 13 |
| 70 | From microbial genomics to meta-genomics. Drug Development Research, 1997, 41, 180-192. | 2.9 | 11 |
| 71 | The Fortunate Professor. Annual Review of Microbiology, 2008, 62, 1-18. | 7.3 | 7 |
| 72 | The Uses of Green Fluorescent Protein in Prokaryotes. Methods of Biochemical Analysis, 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. | 2.1 | 5 |
| 75 | Living in Stools Is Not as Dumb as You Think. Journal of Bacteriology, 2000, 182, 3319-3322. | 2.2 | 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. | 0.8 | 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 Legionella pneumophila Mutants in Acanthamoeba castellanii. , 0, , 152-160. | | 0 |
| 81 | Toward Understanding the Molecular Basis of Bacterial Pathogenicity. , 0, , 1-10. | | 0 |