# Sandip K Datta

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 54 papers | 3,460 citations | 186265 28 h-index | 182427 51 g-index |
| 57 all docs | 57 docs citations | 57 times ranked | 5630 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cutting Edge: Activation of Toll-Like Receptor 2 Induces a Th2 Immune Response and Promotes Experimental Asthma. Journal of Immunology, 2004, 172, 2739-2743. | 0.8 | 426 |
| 2 | A Subset of Toll-Like Receptor Ligands Induces Cross-presentation by Bone Marrow-Derived Dendritic Cells. Journal of Immunology, 2003, 170, 4102-4110. | 0.8 | 273 |
| 3 | First-in-human topical microbiome transplantation with Roseomonas mucosa for atopic dermatitis. JCI Insight, 2018, 3, . | 5.0 | 208 |
| 4 | CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. PLoS Pathogens, 2015, 11, e1005293. | 4.7 | 184 |
| 5 | Parental Dietary Fat Intake Alters Offspring Microbiome and Immunity. Journal of Immunology, 2013, 191, 3200-3209. | 0.8 | 147 |
| 6 | Mucosal adjuvant activity of cholera toxin requires Th17 cells and protects against inhalation anthrax. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10638-10643. | 7.1 | 146 |
| 7 | Oral Delivery of IL-27 Recombinant Bacteria Attenuates Immune Colitis in Mice. Gastroenterology, 2014, 146, 210-221.e13. | 1.3 | 143 |
| 8 | TLR4 signaling in effector CD4+ T cells regulates TCR activation and experimental colitis in mice. Journal of Clinical Investigation, 2010, 120, 570-581. | 8.2 | 143 |
| 9 | Transplantation of human skin microbiota in models of atopic dermatitis. JCI Insight, 2016, 1, . | 5.0 | 133 |
| 10 | B-cell antigen receptor motifs have redundant signalling capabilities and bind the tyrosine kinases PTK72, Lyn and Fyn. Current Biology, 1993, 3, 645-657. | 3.9 | 117 |
| 11 | IFN-Î±Î² Promote Priming of Antigen-Specific CD8+ and CD4+ T Lymphocytes by Immunostimulatory DNA-Based Vaccines. Journal of Immunology, 2002, 168, 4907-4913. | 0.8 | 117 |
| 12 | Signaling via the IL-20 receptor inhibits cutaneous production of IL-1Î² and IL-17A to promote infection with methicillin-resistant Staphylococcus aureus. Nature Immunology, 2013, 14, 804-811. | 14.5 | 115 |
| 13 | Prostaglandin E2 Suppresses Antifungal Immunity by Inhibiting Interferon Regulatory Factor 4 Function and Interleukin-17 Expression in T Cells. Immunity, 2012, 36, 668-679. | 14.3 | 101 |
| 14 | Immunostimulatory DNA-Based Vaccines Elicit Multifaceted Immune Responses Against HIV at Systemic and Mucosal Sites. Journal of Immunology, 2001, 167, 1584-1591. | 0.8 | 100 |
| 15 | Prevention of autoimmune disease by induction of tolerance to Toll-like receptor 7. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2764-2769. | 7.1 | 100 |
| 16 | Vaccination with Irradiated Listeria Induces Protective T Cell Immunity. Immunity, 2006, 25, 143-152. | 14.3 | 86 |
| 17 | Susceptibility to Coccidioides species in C57BL/6 mice is associated with expression of a truncated splice variant of Dectin-1 (Clec7a). Genes and Immunity, 2008, 9, 338-348. | 4.1 | 70 |
| 18 | Preserving Immunogenicity of Lethally Irradiated Viral and Bacterial Vaccine Epitopes Using a Radio-Protective Mn2+-Peptide Complex from Deinococcus. Cell Host and Microbe, 2012, 12, 117-124. | 11.0 | 69 |

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|---|---|---|---|
| 19 | Altered inactivation of commensal LPS due to acyloxyacyl hydrolase deficiency in colonic dendritic cells impairs mucosal Th17 immunity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 373-378. | 7.1 | 69 |
| 20 | Strain Specific Phage Treatment for Staphylococcus aureus Infection Is Influenced by Host Immunity and Site of Infection. PLoS ONE, 2015, 10, e0124280. | 2.5 | 65 |
| 21 | Therapeutic responses to Roseomonas mucosa in atopic dermatitis may involve lipid-mediated TNF-related epithelial repair. Science Translational Medicine, 2020, 12, . | 12.4 | 63 |
| 22 | Effects of Parental Omega-3 Fatty Acid Intake on Offspring Microbiome and Immunity. PLoS ONE, 2014, 9, e87181. | 2.5 | 50 |
| 23 | Dendritic cell activating peptides induce distinct cytokine profiles. International Immunology, 2006, 18, 1563-1573. | 4.0 | 48 |
| 24 | Antigen-immunostimulatory oligonucleotide conjugates: mechanisms and applications. Immunological Reviews, 2004, 199, 217-226. | 6.0 | 43 |
| 25 | A method for culturing Gram-negative skin microbiota. BMC Microbiology, 2016, 16, 60. | 3.3 | 38 |
| 26 | Adaptive Immunity Against Staphylococcus aureus. Current Topics in Microbiology and Immunology, 2016, 409, 419-439. | 1.1 | 37 |
| 27 | Signal Transduction by the B-Cell Antigen Receptor. Annals of the New York Academy of Sciences, 1995, 766, 195-201. | 3.8 | 35 |
| 28 | Induction of antigen cross-presentation by Toll-like receptors. Seminars in Immunopathology, 2005, 26, 247-255. | 4.0 | 30 |
| 29 | T Cell and APC Dynamics In Situ Control the Outcome of Vaccination. Journal of Immunology, 2010, 185, 239-252. | 0.8 | 30 |
| 30 | PBP4 Mediates Î²-Lactam Resistance by Altered Function. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 3.2 | 30 |
| 31 | TNF overproduction impairs epithelial staphylococcal response in hyper IgE syndrome. Journal of Clinical Investigation, 2018, 128, 3595-3604. | 8.2 | 28 |
| 32 | Staphylococcus aureus: an introduction. Seminars in Immunopathology, 2012, 34, 181-184. | 6.1 | 27 |
| 33 | STAT-3â€“independent production of IL-17 by mouse innate-like Î±Î² T cells controls ocular infection. Journal of Experimental Medicine, 2018, 215, 1079-1090. | 8.5 | 25 |
| 34 | Lethal CD4 T Cell Responses Induced by Vaccination Against Staphylococcus aureus Bacteremia. Journal of Infectious Diseases, 2017, 215, 1231-1239. | 4.0 | 19 |
| 35 | IL-20 Signaling in Activated Human Neutrophils Inhibits Neutrophil Migration and Function. Journal of Immunology, 2017, 198, 4373-4382. | 0.8 | 16 |
| 36 | Molecular and cellular mechanisms of protective immunity to coccidioidomycosis. Vaccine, 2006, 24, 495-500. | 3.8 | 15 |

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|---|---|---|---|
| 37 | CpG oligonucleotides partially inhibit growth ofMycobacterium tuberculosis, but notSalmonellaorListeria, in human monocyte-derived macrophages. FEMS Immunology and Medical Microbiology, 2005, 45, 303-310. | 2.7 | 12 |
| 38 | CD8+ T cells produce a dialyzable antigen-specific activator of dendritic cells. Journal of Leukocyte Biology, 2017, 101, 307-320. | 3.3 | 11 |
| 39 | Molecular Typing of Staphylococcus aureus Isolated from Patients with Autosomal Dominant Hyper IgE Syndrome. Pathogens, 2017, 6, 23. | 2.8 | 11 |
| 40 | Differing Virulence of Healthy Skin Commensals in Mouse Models of Infection. Frontiers in Cellular and Infection Microbiology, 2018, 8, 451. | 3.9 | 11 |
| 41 | Vaccine display on artificial bacterial spores enhances protective efficacy against Staphylococcus aureus infection. FEMS Microbiology Letters, 2018, 365, . | 1.8 | 10 |
| 42 | Prolonging culture of primary human keratinocytes isolated from suction blisters with the Rho kinase inhibitor Y-27632. PLoS ONE, 2018, 13, e0198862. | 2.5 | 9 |
| 43 | The Therapeutic Potential of Antigen-Oligonucleotide Conjugates. Annals of the New York Academy of Sciences, 2003, 1002, 105-111. | 3.8 | 8 |
| 44 | Evidence for interleukin-1-independent stimulation of interleukin-12 and down-regulation by interleukin-10 inHelicobacter pylori-infected murine dendritic cells deficient in the interleukin-1 receptor. FEMS Immunology and Medical Microbiology, 2006, 47, 414-419. | 2.7 | 8 |
| 45 | Loss of GdpP Function in Staphylococcus aureus Leads to Î²-Lactam Tolerance and Enhanced Evolution of Î²-Lactam Resistance. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0143121. | 3.2 | 8 |
| 46 | Influence of multiplicative stochastic variation on translational elongation rates. PLoS ONE, 2018, 13, e0191152. | 2.5 | 7 |
| 47 | Frontline Science: Breast milk confers passive cellular immunity via CD8-dependent mechanisms. Journal of Leukocyte Biology, 2021, 109, 709-715. | 3.3 | 7 |
| 48 | Mechanism of B Cell Antigen Receptor Function: Transmembrane Signaling and Triggering of Apoptosis. Advances in Experimental Medicine and Biology, 1994, 365, 9-22. | 1.6 | 6 |
| 49 | Structure and Function of the B-Cell Antigen Receptor. Chemical Immunology and Allergy, 1994, 59, 156-172. | 1.7 | 2 |
| 50 | CD8+ T cell dialyzable extract activity is dependent on TCR and MHC-I. Journal of Leukocyte Biology, 2017, 102, 566-567. | 3.3 | 2 |
| 51 | Antibiotic Education: Not Just Another Brick in the Cell Wall. Cell Host and Microbe, 2015, 18, 520-522. | 11.0 | 1 |
| 52 | Immunostimulatory DNA-Based Immunization: Hope for an HIV Vaccine?. , 0, , 239-254. | | 1 |
| 53 | IL-22: Scavenging beyond the barrier. Science Immunology, 2017, 2, . | 11.9 | 0 |
| 54 | Cross-Priming of CD8<sup>+</sup> T Cells by Immunostimulatory Sequence DNA. , 0, , 137-149. | | 0 |