Nathan K Archer

List of Publications by Year
in descending order

38 papers	2,307 citations	361413 20 h-index	330143 37 g-index
46 all docs	46 docs citations	46 times ranked	3899 citing authors

#	Article	IF	Citations
1	CCR2 contributes to host defense against Staphylococcus aureus orthopedic implantâ€associated infections in mice. Journal of Orthopaedic Research, 2022, 40, 409-419.	2.3	5
2	IL-6R/Signal Transducer and Activator of Transcription 3 Signaling in Keratinocytes rather than in T Cells Induces Psoriasis-Like Dermatitis in Mice. Journal of Investigative Dermatology, 2022, 142, 1126-1135.e4.	0.7	19
3	Cluster Analysis of Circulating Plasma Biomarkers in Prurigo Nodularis Reveals a Distinct Systemic Inflammatory Signature in African Americans. Journal of Investigative Dermatology, 2022, 142, 1300-1308.e3.	0.7	21
4	Dendritic cell immunoreceptor drives atopic dermatitis by modulating oxidized CaMKII-involved mast cell activation. JCI Insight, 2022, , .	5.0	11
5	Cutaneous Transcriptomics Identifies Fibroproliferative and Neurovascular Gene Dysregulation in Prurigo Nodularis Compared with Psoriasis and Atopic Dermatitis. Journal of Investigative Dermatology, 2022, 142, 2537-2540.	0.7	18
6	Which Way Do We Go? Complex Interactions in Atopic Dermatitis Pathogenesis. Journal of Investigative Dermatology, 2021, 141, 274-284.	0.7	32
7	Comparative intravital imaging of human and rodent malaria sporozoites reveals the skin is not a speciesâ€specific barrier. EMBO Molecular Medicine, 2021, 13, e11796.	6.9	18
8	Epicutaneous Staphylococcus aureus induces IL-36 to enhance IgE production and ensuing allergic disease. Journal of Clinical Investigation, 2021, 131, .	8.2	39
9	Bacteria induce skin regeneration via IL-1Î² signaling. Cell Host and Microbe, 2021, 29, 777-791.e6.	11.0	78
10	Tick extracellular vesicles enable arthropod feeding and promote distinct outcomes of bacterial infection. Nature Communications, 2021, 12, 3696.	12.8	27
11	Pan-caspase inhibition as a potential host-directed immunotherapy against MRSA and other bacterial skin infections. Science Translational Medicine, 2021, 13, .	12.4	19
12	Prurigo Nodularis Is Characterized by Systemic and Cutaneous T Helper 22 Immune Polarization. Journal of Investigative Dermatology, 2021, 141, 2208-2218.e14.	0.7	54
13	Neutrophil extracellular traps impair regeneration. Journal of Cellular and Molecular Medicine, 2021, 25, 10008-10019.	3.6	8
14	Dynamic PET-facilitated modeling and high-dose rifampin regimens for Staphylococcus aureus orthopedic implantâ€“associated infections. Science Translational Medicine, 2021, 13, eabl6851.	12.4	16
15	Neutrophil extracellular trap-associated RNA and LL37 enable self-amplifying inflammation in psoriasis. Nature Communications, 2020, 11, 105.	12.8	146
16	Research Techniques Made Simple: Mouse Bacterial Skin Infection Models for Immunity Research. Journal of Investigative Dermatology, 2020, 140, 1488-1497.e1.	0.7	17
17	Interleukinâ€1Î² and tumor necrosis factor are essential in controlling an experimental orthopedic implantâ€associated infection. Journal of Orthopaedic Research, 2020, 38, 1800-1809.	2.3	12
18	Preclinical Models and Methodologies for Monitoring Staphylococcus aureus Infections Using Noninvasive Optical Imaging. Methods in Molecular Biology, 2020, 2069, 197-228.	0.9	6

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19	Pathogenic and therapeutic role for NRF2 signaling in ultraviolet lightâ€“induced skin pigmentation. JCI Insight, 2020, 5, .	5.0	19
20	Noncoding dsRNA induces retinoic acid synthesis to stimulate hair follicle regeneration via TLR3. Nature Communications, 2019, 10, 2811.	12.8	64
21	Platelets Aggregate With Neutrophils and Promote Skin Pathology in Psoriasis. Frontiers in Immunology, 2019, 10, 1867.	4.8	29
22	Clonal VÎ³6 ⁺ VÎ´4 ⁺ T cells promote IL-17â€“mediated immunity against Staphylococcus aureus skin infection. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10917-10926.	7.1	75
23	In Vivo Bioluminescence Imaging in a Rabbit Model of Orthopaedic Implant-Associated Infection to Monitor Efficacy of an Antibiotic-Releasing Coating. Journal of Bone and Joint Surgery - Series A, 2019, 101, e12.	3.0	20
24	Development of a Staphylococcus aureus reporter strain with click beetle red luciferase for enhanced in vivo imaging of experimental bacteremiaÂand mixed infections. Scientific Reports, 2019, 9, 16663.	3.3	25
25	Injury, dysbiosis, and filaggrin deficiency drive skin inflammation through keratinocyte IL-1Î± release. Journal of Allergy and Clinical Immunology, 2019, 143, 1426-1443.e6.	2.9	56
26	Neutralizing Alpha-Toxin Accelerates Healing of Staphylococcus aureus-Infected Wounds in Nondiabetic and Diabetic Mice. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	51
27	Syndecan-1 Regulates Psoriasiform Dermatitis by Controlling Homeostasis of IL-17â€“Producing Î³Î´ T Cells. Journal of Immunology, 2018, 201, 1651-1661.	0.8	30
28	Clonally expanded Î³Î´ T cells protect against Staphylococcus aureus skin reinfection. Journal of Clinical Investigation, 2018, 128, 1026-1042.	8.2	98
29	Optical Imaging. , 2017, , 43-76.		0
30	Mouse model of hematogenous implant-related Staphylococcus aureus biofilm infection reveals therapeutic targets. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5094-E5102.	7.1	70
31	Pushing the Envelope in Psoriasis: Late Cornified Envelope Proteins Possess Antimicrobial Activity. Journal of Investigative Dermatology, 2017, 137, 2257-2259.	0.7	8
32	Staphylococcus aureus Epicutaneous Exposure Drives Skin Inflammation via IL-36-Mediated T Cell Responses. Cell Host and Microbe, 2017, 22, 653-666.e5.	11.0	170
33	Collaborative Interferon-Î³ and Interleukin-17 Signaling Protects the Oral Mucosa from Staphylococcus aureus. American Journal of Pathology, 2016, 186, 2337-2352.	3.8	16
34	IL-22 derived from Î³Î´ T cells restricts Staphylococcus aureus infection of mechanically injured skin. Journal of Allergy and Clinical Immunology, 2016, 138, 1098-1107.e3.	2.9	48
35	Interleukin-17A (IL-17A) and IL-17F Are Critical for Antimicrobial Peptide Production and Clearance of Staphylococcus aureus Nasal Colonization. Infection and Immunity, 2016, 84, 3575-3583.	2.2	52
36	Clearance of Staphylococcus aureus Nasal Carriage Is T Cell Dependent and Mediated through Interleukin-17A Expression and Neutrophil Influx. Infection and Immunity, 2013, 81, 2070-2075.	2.2	88

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37	Staphylococcus aureusbiofilms. Virulence, 2011, 2, 445-459.	4.4	734
38	Vaccine development inStaphylococcus aureus: taking the biofilm phenotype into consideration. FEMS Immunology and Medical Microbiology, 2010, 59, 306-323.	2.7	97