

David K Hong

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,662
citations

430874

18
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical and clinical validation of a microbial cell-free DNA sequencing test for infectious disease. <i>Nature Microbiology</i> , 2019, 4, 663-674.	13.3	517
2	TNF α -308A allele in juvenile dermatomyositis: Association with increased production of tumor necrosis factor α , disease duration, and pathologic calcifications. <i>Arthritis and Rheumatism</i> , 2000, 43, 2368-2377.	6.7	238
3	Liquid biopsy for infectious diseases: sequencing of cell-free plasma to detect pathogen DNA in patients with invasive fungal disease. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 92, 210-213.	1.8	145
4	Cell-free DNA next-generation sequencing successfully detects infectious pathogens in pediatric oncology and hematopoietic stem cell transplant patients at risk for invasive fungal disease. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27734.	1.5	73
5	Blockade of T Cell Activation Using a Surface-Linked Single-Chain Antibody to CTLA-4 (CD152). <i>Journal of Immunology</i> , 2000, 164, 4433-4442.	0.8	69
6	Diagnosis of <i>Capnocytophaga canimorsus</i> Sepsis by Whole-Genome Next-Generation Sequencing. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw144.	0.9	58
7	Plasma Microbial Cell-free DNA Next-generation Sequencing in the Diagnosis and Management of Febrile Neutropenia. <i>Clinical Infectious Diseases</i> , 2022, 74, 1659-1668.	5.8	56
8	Community-acquired pneumonia in children: cell-free plasma sequencing for diagnosis and management. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 94, 188-191.	1.8	51
9	Liquid Biopsy for Invasive Mold Infections in Hematopoietic Cell Transplant Recipients With Pneumonia Through Next-Generation Sequencing of Microbial Cell-Free DNA in Plasma. <i>Clinical Infectious Diseases</i> , 2021, 73, e3876-e3883.	5.8	51
10	Cationic lipid/DNA complexes (JVRS-100) combined with influenza vaccine (Fluzone $\text{\textcircled{R}}$) increases antibody response, cellular immunity, and antigenically drifted protection. <i>Vaccine</i> , 2009, 27, 3811-3820.	3.8	45
11	Preferential Lower Respiratory Tract Infection in Swine $\text{\textcircled{R}}$ Origin 2009 A(H1N1) Influenza. <i>Clinical Infectious Diseases</i> , 2010, 50, 391-394.	5.8	41
12	Plasma Cell-free DNA Next-Generation Sequencing to Diagnose and Monitor Infections in Allogeneic Hematopoietic Stem Cell Transplant Patients. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy301.	0.9	41
13	Severe cryptosporidiosis in a seven-year-old renal transplant recipient - Case report and review of the literature. <i>Pediatric Transplantation</i> , 2007, 11, 94-100.	1.0	37
14	Rapid detection of invasive <i>Mycobacterium chimaera</i> disease via a novel plasma-based next-generation sequencing test. <i>BMC Infectious Diseases</i> , 2019, 19, 371.	2.9	28
15	CROSS-REACTIVE NEUTRALIZING ANTIBODY AGAINST PANDEMIC 2009 H1N1 INFLUENZA A VIRUS IN INTRAVENOUS IMMUNOGLOBULIN PREPARATIONS. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 67-69.	2.0	27
16	Cationic Lipid/DNA Complex-Adjuvanted Influenza A Virus Vaccination Induces Robust Cross-Protective Immunity. <i>Journal of Virology</i> , 2010, 84, 12691-12702.	3.4	22
17	Detection of <i>Borrelia burgdorferi</i> Cell-free DNA in Human Plasma Samples for Improved Diagnosis of Early Lyme Borreliosis. <i>Clinical Infectious Diseases</i> , 2021, 73, e2355-e2361.	5.8	22
18	Cationic liposome $\text{\textcircled{R}}$ DNA complexes (CLDC) adjuvant enhances the immunogenicity and cross-protective efficacy of a pre-pandemic influenza A H5N1 vaccine in mice. <i>Vaccine</i> , 2012, 30, 254-264.	3.8	21

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19	Rapid, Noninvasive Diagnosis of Balamuthia mandrillaris Encephalitis by a Plasma-Based Next-Generation Sequencing Test. Open Forum Infectious Diseases, 2020, 7, ofaa189.	0.9	19
20	Focus on FOCIS: The continuing diagnostic challenge of autosomal recessive chronic granulomatous disease. Clinical Immunology, 2008, 128, 117-126.	3.2	17
21	Sequencing of Circulating Microbial Cell-Free DNA Can Identify Pathogens in Periprosthetic Joint Infections. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1705-1712.	3.0	17
22	Liposomal Amphotericin B Associated With Severe Hyperphosphatemia. Pediatric Infectious Disease Journal, 2008, 27, 77-79.	2.0	15
23	Budget Impact of Microbial Cell-Free DNA Testing Using the Karius® Test as an Alternative to Invasive Procedures in Immunocompromised Patients with Suspected Invasive Fungal Infections. Applied Health Economics and Health Policy, 2021, 19, 231-241.	2.1	13
24	Utility of Whole-Genome Next-Generation Sequencing of Plasma in Identifying Opportunistic Infections in HIV/AIDS. Open AIDS Journal, 2019, 13, 7-11.	0.5	12
25	Not Your Routine Foreign Body: Endobronchial Tuberculosis in an Infant. Pediatrics, 2005, 116, 246-248.	2.1	10
26	The robust and rapid role of molecular testing in precision fungal diagnostics: A case report. Medical Mycology Case Reports, 2020, 27, 77-80.	1.3	10
27	Infectious and Inflammatory Arthritis. , 2018, , 487-493.e3.		3
28	Five-Month-Old Infant With a Unilateral Pleural Effusion. Pediatric Infectious Disease Journal, 2007, 26, 189-190.	2.0	0
29	Seizure and Meningoencephalitis in an Adolescent. Clinical Pediatrics, 2013, 52, 1181-1183.	0.8	0
30	Diskitis. , 2018, , 493-495.e1.		0