

David Furman

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

6,794
citations

304743

22
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

12337
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic inflammation in the etiology of disease across the life span. <i>Nature Medicine</i> , 2019, 25, 1822-1832.	30.7	2,195
2	Variation in the Human Immune System Is Largely Driven by Non-Heritable Influences. <i>Cell</i> , 2015, 160, 37-47.	28.9	828
3	Systems analysis of sex differences reveals an immunosuppressive role for testosterone in the response to influenza vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 869-874.	7.1	542
4	An immune clock of human pregnancy. <i>Science Immunology</i> , 2017, 2, .	11.9	371
5	A clinically meaningful metric of immune age derived from high-dimensional longitudinal monitoring. <i>Nature Medicine</i> , 2019, 25, 487-495.	30.7	317
6	Expression of specific inflammasome gene modules stratifies older individuals into two extreme clinical and immunological states. <i>Nature Medicine</i> , 2017, 23, 174-184.	30.7	304
7	Cytomegalovirus infection enhances the immune response to influenza. <i>Science Translational Medicine</i> , 2015, 7, 281ra43.	12.4	277
8	Limited efficacy of inactivated influenza vaccine in elderly individuals is associated with decreased production of vaccine-specific antibodies. <i>Journal of Clinical Investigation</i> , 2011, 121, 3109-3119.	8.2	268
9	SARS-CoV-2, COVID-19 and the aging immune system. <i>Nature Aging</i> , 2021, 1, 769-782.	11.6	208
10	An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. <i>Nature Aging</i> , 2021, 1, 598-615.	11.6	202
11	Systems immunology: just getting started. <i>Nature Immunology</i> , 2017, 18, 725-732.	14.5	194
12	Apoptosis and other immune biomarkers predict influenza vaccine responsiveness. <i>Molecular Systems Biology</i> , 2013, 9, 659.	7.2	173
13	Effects of Aging, Cytomegalovirus Infection, and EBV Infection on Human B Cell Repertoires. <i>Journal of Immunology</i> , 2014, 192, 603-611.	0.8	166
14	Defective Signaling in the JAK-STAT Pathway Tracks with Chronic Inflammation and Cardiovascular Risk in Aging Humans. <i>Cell Systems</i> , 2016, 3, 374-384.e4.	6.2	107
15	New approaches to understanding the immune response to vaccination and infection. <i>Vaccine</i> , 2015, 33, 5271-5281.	3.8	103
16	IgH sequences in common variable immune deficiency reveal altered B cell development and selection. <i>Science Translational Medicine</i> , 2015, 7, 302ra135.	12.4	77
17	Multicenter Systems Analysis of Human Blood Reveals Immature Neutrophils in Males and During Pregnancy. <i>Journal of Immunology</i> , 2017, 198, 2479-2488.	0.8	66
18	Variability in the immune system: of vaccine responses and immune states. <i>Current Opinion in Immunology</i> , 2013, 25, 542-547.	5.5	45

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19	Right Heart Score for Predicting Outcome in Idiopathic, Familial, or Drug- and Toxin-Associated Pulmonary Arterial Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 627-638.	5.3	44
20	Characterization of Influenza Vaccine Immunogenicity Using Influenza Antigen Microarrays. <i>PLoS ONE</i> , 2013, 8, e64555.	2.5	44
21	Sexual dimorphism in immunity: improving our understanding of vaccine immune responses in men. <i>Expert Review of Vaccines</i> , 2015, 14, 461-471.	4.4	32
22	Changing oral vaccine to inactivated polio vaccine might increase mortality. <i>Lancet, The</i> , 2016, 387, 1054-1055.	13.7	21
23	Signatures of immune dysfunction in HIV and HCV infection share features with chronic inflammation in aging and persist after viral reduction or elimination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
24	Obesity and Leptin Resistance in the Regulation of the Type I Interferon Early Response and the Increased Risk for Severe COVID-19. <i>Nutrients</i> , 2022, 14, 1388.	4.1	19
25	The Promised Land of Human Immunology. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 203-213.	1.1	16
26	Association between Latent Proviral Characteristics and Immune Activation in Antiretrovirus-Treated Human Immunodeficiency Virus Type 1-Infected Adults. <i>Journal of Virology</i> , 2014, 88, 8629-8639.	3.4	6
27	Modeling Predictive Age-Dependent and Age-Independent Symptoms and Comorbidities of Patients Seeking Treatment for COVID-19: Model Development and Validation Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e25696.	4.3	3