David P Olagnier

List of Publications by Year
in descending order

63	3,610	159525 30	143943 57
papers	citations	h-index	g-index

69	69	69	6299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SARS-CoV2-mediated suppression of NRF2-signaling reveals potent antiviral and anti-inflammatory activity of 4-octyl-itaconate and dimethyl fumarate. Nature Communications, 2020, 11, 4938.	5.8	272
2	Crosstalk between Cytoplasmic RIG-I and STING Sensing Pathways. Trends in Immunology, 2017, 38, 194-205.	2.9	249
3	Cellular Oxidative Stress Response Controls the Antiviral and Apoptotic Programs in Dengue Virus-Infected Dendritic Cells. PLoS Pathogens, 2014, 10, e1004566.	2.1	204
4	Nrf2 negatively regulates STING indicating a link between antiviral sensing and metabolic reprogramming. Nature Communications, 2018, 9, 3506.	5.8	192
5	Host Restriction Factor SAMHD1 Limits Human T Cell Leukemia Virus Type 1 Infection of Monocytes via STING-Mediated Apoptosis. Cell Host and Microbe, 2013, 14, 422-434.	5.1	158
6	Global analyses revealed ageâ€related alterations in innate immune responses after stimulation of pathogen recognition receptors. Aging Cell, 2015, 14, 421-432.	3.0	155
7	Nitro-fatty acids are formed in response to virus infection and are potent inhibitors of STING palmitoylation and signaling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7768-E7775.	3.3	150
8	The C-type Lectin Receptors Dectin-1, MR, and SIGNR3 Contribute Both Positively and Negatively to the Macrophage Response to Leishmania infantum. Immunity, 2013, 38, 1038-1049.	6.6	134
9	Double-walled carbon nanotubes trigger IL-1Î² release in human monocytes through Nlrp3 inflammasome activation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 987-995.	1.7	120
10	In Vitro and In Vivo Properties of Ellagic Acid in Malaria Treatment. Antimicrobial Agents and Chemotherapy, 2009, 53, 1100-1106.	1.4	116
11	Inhibition of Dengue and Chikungunya Virus Infections by RIG-I-Mediated Type I Interferon-Independent Stimulation of the Innate Antiviral Response. Journal of Virology, 2014, 88, 4180-4194.	1.5	112
12	Systems Analysis of a RIG-I Agonist Inducing Broad Spectrum Inhibition of Virus Infectivity. PLoS Pathogens, 2013, 9, e1003298.	2.1	96
13	Host and Viral Modulation of RIG-I-Mediated Antiviral Immunity. Frontiers in Immunology, 2016, 7, 662.	2.2	92
14	PPARÎ³ Controls Dectin-1 Expression Required for Host Antifungal Defense against Candida albicans. PLoS Pathogens, 2010, 6, e1000714.	2.1	84
15	IL-13 induces expression of CD36 in human monocytes through PPARÎ³ activation. European Journal of Immunology, 2007, 37, 1642-1652.	1.6	83
16	STEEP mediates STING ER exit and activation of signaling. Nature Immunology, 2020, 21, 868-879.	7.0	82
17	Sequence-Specific Modifications Enhance the Broad-Spectrum Antiviral Response Activated by RIG-I Agonists. Journal of Virology, 2015, 89, 8011-8025.	1.5	75
18	PPARÎ³ Ligands Switched High Fat Diet-Induced Macrophage M2b Polarization toward M2a Thereby Improving Intestinal Candida Elimination. PLoS ONE, 2010, 5, e12828.	1.1	73

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19	Nrf2, a PPARÎ³ Alternative Pathway to Promote CD36 Expression on Inflammatory Macrophages: Implication for Malaria. PLoS Pathogens, 2011, 7, e1002254.	2.1	70
20	SARSâ€CoVâ€2 evades immune detection in alveolar macrophages. EMBO Reports, 2020, 21, e51252.	2.0	70
21	RIG-I-Mediated STING Upregulation Restricts Herpes Simplex Virus 1 Infection. Journal of Virology, 2016, 90, 9406-9419.	1.5	69
22	The Covid-19 pandemic in Denmark: Big lessons from a small country. Cytokine and Growth Factor Reviews, 2020, 53, 10-12.	3.2	69
23	Activation of Nrf2 Signaling Augments Vesicular Stomatitis Virus Oncolysis via Autophagy-Driven Suppression of Antiviral Immunity. Molecular Therapy, 2017, 25, 1900-1916.	3.7	62
24	Enhanced Influenza Virus-Like Particle Vaccination with a Structurally Optimized RIG-I Agonist as Adjuvant. Journal of Virology, 2015, 89, 10612-10624.	1.5	61
25	SAMHD1 Host Restriction Factor: A Link with Innate Immune Sensing of Retrovirus Infection. Journal of Molecular Biology, 2013, 425, 4981-4994.	2.0	47
26	TLR2 and TLR7 mediate distinct immunopathological and antiviral plasmacytoid dendritic cell responses to SARSâ€CoVâ€2 infection. EMBO Journal, 2022, 41, e109622.	3.5	46
27	Imported Plasmodium knowlesi Malaria in a French Tourist Returning from Thailand. American Journal of Tropical Medicine and Hygiene, 2011, 84, 535-538.	0.6	44
28	Mechanisms of Zika Virus Infection and Neuropathogenesis. DNA and Cell Biology, 2016, 35, 367-372.	0.9	40
29	Unmasking immune sensing of retroviruses: Interplay between innate sensors and host effectors. Cytokine and Growth Factor Reviews, 2014, 25, 657-668.	3.2	39
30	Modifications of the chemical structure of terpenes in antiplasmodial and antifungal drug research. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6075-6078.	1.0	33
31	Innate immune sensing of HIV-1 infection. Current Opinion in HIV and AIDS, 2015, 10, 96-102.	1.5	33
32	Dengue Virus Immunopathogenesis: Lessons Applicable to the Emergence of Zika Virus. Journal of Molecular Biology, 2016, 428, 3429-3448.	2.0	33
33	Dengue Virus Targets Nrf2 for NS2B3-Mediated Degradation Leading to Enhanced Oxidative Stress and Viral Replication. Journal of Virology, 2020, 94, .	1.5	32
34	Transcription factors NRF2 and HSF1 have opposing functions in autophagy. Scientific Reports, 2017, 7, 11023.	1.6	29
35	Defects in LC3B2 and ATG4A underlie HSV2 meningitis and reveal a critical role for autophagy in antiviral defense in humans. Science Immunology, 2020, 5, .	5.6	27
36	Nrf2 Negatively Regulates Type I Interferon Responses and Increases Susceptibility to Herpes Genital Infection in Mice. Frontiers in Immunology, 2019, 10, 2101.	2.2	26

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37	An optimized retinoic acid-inducible gene I agonist M8 induces immunogenic cell death markers in human cancer cells and dendritic cell activation. Cancer Immunology, Immunotherapy, 2019, 68, 1479-1492.	2.0	22
38	Type I and type III interferon-induced immune response: It's a matter of kinetics and magnitude. Hepatology, 2014, 59, 1225-1228.	3.6	20
39	Changes in monocyte subsets are associated with clinical outcomes in severe malarial anaemia and cerebral malaria. Scientific Reports, 2019, 9, 17545.	1.6	19
40	Nrf2-driven CD36 and HO-1 gene expression in circulating monocytes correlates with favourable clinical outcome in pregnancy-associated malaria. Malaria Journal, 2015, 14, 358.	0.8	18
41	SIRT1 Modulates the Sensitivity of Prostate Cancer Cells to Vesicular Stomatitis Virus Oncolysis. Journal of Virology, 2019, 93, .	1.5	18
42	Ionophore antibiotic X-206 is a potent inhibitor of SARS-CoV-2 infection in vitro. Antiviral Research, 2021, 185, 104988.	1.9	18
43	Dengue virus infection and Nrf2 regulation of oxidative stress. Current Opinion in Virology, 2020, 43, 35-40.	2.6	17
44	Antiviral Potential of the Antimicrobial Drug Atovaquone against SARS-CoV-2 and Emerging Variants of Concern. ACS Infectious Diseases, 2021, 7, 3034-3051.	1.8	17
45	Coxsackievirus Cloverleaf RNA Containing a 5â€² Triphosphate Triggers an Antiviral Response via RIG-I Activation. PLoS ONE, 2014, 9, e95927.	1.1	16
46	Cannabinoid-Induced Immunomodulation during Viral Infections: A Focus on Mitochondria. Viruses, 2020, 12, 875.	1.5	13
47	Lipophagy confers a key metabolic advantage that ensures protective CD8A T-cell responses against HIV-1. Autophagy, 2021, 17, 3408-3423.	4.3	13
48	Sophoraflavenone G Restricts Dengue and Zika Virus Infection via RNA Polymerase Interference. Viruses, 2017, 9, 287.	1.5	12
49	Autophagy-dependent glutaminolysis drives superior IL21 production in HIV-1-specific CD4 T cells. Autophagy, 2022, 18, 1256-1273.	4.3	12
50	The synthetic triterpenoids CDDO-TFEA and CDDO-Me, but not CDDO, promote nuclear exclusion of BACH1 impairing its activity. Redox Biology, 2022, 51, 102291.	3.9	12
51	HTLV-1 Tax-Mediated Inhibition of FOXO3a Activity Is Critical for the Persistence of Terminally Differentiated CD4+ T Cells. PLoS Pathogens, 2014, 10, e1004575.	2.1	11
52	Leishmanicidal compounds and potent PPARÎ³ activators from Renealmia thyrsoidea (Ruiz & Pav.) Poepp. & Endl.. Journal of Ethnopharmacology, 2014, 157, 149-155.	2.0	11
53	RIGulation of STING expression: at the crossroads of viral RNA and DNA sensing pathways. Inflammation and Cell Signaling, 2017, 4, e1491.	1.6	10
54	Influenza A induces lactate formation to inhibit type I IFN in primary human airway epithelium. IScience, 2021, 24, 103300.	1.9	10

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55	Breaking the barrier: membrane fusion triggers innate antiviral immunity. Nature Immunology, 2012, 13, 713-715.	7.0	5
56	Identification of FDA-approved Bifonazole as SARS-CoV-2 blocking agent following a bioreporter drug screen. Molecular Therapy, 2022, , .	3.7	5
57	Inhibition of Glycolysis Impairs Retinoic Acid-Inducible Gene Iâ€“Mediated Antiviral Responses in Primary Human Dendritic Cells. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	4
58	Global transcriptional changes in response to cGAMP depend on STING in human THP-1 cells. Cellular and Molecular Immunology, 2018, 15, 983-985.	4.8	3
59	188. Cytokine, 2013, 63, 287.	1.4	2
60	Evaluation of Innate Immune Gene Expression Following HDAC Inhibitor Treatment by High Throughput qPCR and PhosFlow Cytometry. Methods in Molecular Biology, 2017, 1510, 245-255.	0.4	1
61	Cytokines 2017 in Kanazawa: Looking beyond the horizon of integrated cytokine research from the sea of Japan. Cytokine and Growth Factor Reviews, 2019, 50, 75-82.	3.2	1
62	Influenza A Virus Induces LDHA Expression and Lactate Formation to Inhibit Type I IFN and Promote Replication in Primary Human Airway Epithelium. SSRN Electronic Journal, 0, , .	0.4	0
63	Oncolytic viral immunotherapy in the time of COVID-19. Cytokine and Growth Factor Reviews, 2020, 56, 1-3.	3.2	0