

Georgios Chamilos

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

7,851
citations

331670

21
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

17054
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Zygomycosis in a Tertiary Care Cancer Center in the Era of <i>Aspergillus</i> Active Antifungal Therapy: A Case-Control Observational Study of 27 Recent Cases. <i>Journal of Infectious Diseases</i> , 2005, 191, 1350-1360.	4.0	659
3	<i>Aspergillus fumigatus</i> and Aspergillosis in 2019. <i>Clinical Microbiology Reviews</i> , 2019, 33, .	13.6	534
4	IL-1 receptor blockade restores autophagy and reduces inflammation in chronic granulomatous disease in mice and in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3526-3531.	7.1	273
5	Call for Action: Invasive Fungal Infections Associated With Ibrutinib and Other Small Molecule Kinase Inhibitors Targeting Immune Signaling Pathways. <i>Clinical Infectious Diseases</i> , 2018, 66, 140-148.	5.8	210
6	<i>Aspergillus</i> Cell Wall Melanin Blocks LC3-Associated Phagocytosis to Promote Pathogenicity. <i>Cell Host and Microbe</i> , 2016, 19, 79-90.	11.0	183
7	Caspofungin-Mediated β -Glucan Unmasking and Enhancement of Human Polymorphonuclear Neutrophil Activity against <i>Aspergillus</i> and Non- <i>Aspergillus</i> Hyphae. <i>Journal of Infectious Diseases</i> , 2008, 198, 186-192.	4.0	174
8	Autophagy Controls BCG-Induced Trained Immunity and the Response to Intravesical BCG Therapy for Bladder Cancer. <i>PLoS Pathogens</i> , 2014, 10, e1004485.	4.7	167
9	The Cell Wall of the Human Fungal Pathogen <i>Aspergillus fumigatus</i> : Biosynthesis, Organization, Immune Response, and Virulence. <i>Annual Review of Microbiology</i> , 2017, 71, 99-116.	7.3	157
10	Corticosteroids Block Autophagy Protein Recruitment in <i>Aspergillus fumigatus</i> Phagosomes via Targeting Dectin-1/Syk Kinase Signaling. <i>Journal of Immunology</i> , 2013, 191, 1287-1299.	0.8	124
11	<i>Drosophila melanogaster</i> as a model host to dissect the immunopathogenesis of zygomycosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9367-9372.	7.1	123
12	Iron restriction inside macrophages regulates pulmonary host defense against <i>Rhizopus</i> species. <i>Nature Communications</i> , 2018, 9, 3333.	12.8	85
13	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. <i>Nature Communications</i> , 2020, 11, 2282.	12.8	68
14	Calcium sequestration by fungal melanin inhibits calcium-calmodulin signalling to prevent LC3-associated phagocytosis. <i>Nature Microbiology</i> , 2018, 3, 791-803.	13.3	66
15	Mucorin is a ricin-like toxin that is critical for the pathogenesis of mucormycosis. <i>Nature Microbiology</i> , 2021, 6, 313-326.	13.3	53
16	Flotillin-Dependent Membrane Microdomains Are Required for Functional Phagolysosomes against Fungal Infections. <i>Cell Reports</i> , 2020, 32, 108017.	6.4	39
17	Fungal Infections with Ibrutinib and Other Small-Molecule Kinase Inhibitors. <i>Current Fungal Infection Reports</i> , 2019, 13, 86-98.	2.6	34
18	Melanin targets LC3-associated phagocytosis (LAP): A novel pathogenetic mechanism in fungal disease. <i>Autophagy</i> , 2016, 12, 888-889.	9.1	33

#	ARTICLE	IF	CITATIONS
19	The puzzling construction of the conidial outer layer of <i>Aspergillus fumigatus</i> . Cellular Microbiology, 2019, 21, e12994.	2.1	30
20	Uncoupling of IL-6 signaling and LC3-associated phagocytosis drives immunoparalysis during sepsis. Cell Host and Microbe, 2021, 29, 1277-1293.e6.	11.0	26
21	Are All Patients with Cancer at Heightened Risk for Severe Coronavirus Disease 2019 (COVID-19)?. Clinical Infectious Diseases, 2021, 72, 351-356.	5.8	24
22	<i>Drosophila melanogaster</i> As a Model Host for the Study of Microbial Pathogenicity And the Discovery of Novel Antimicrobial Compounds. Current Pharmaceutical Design, 2011, 17, 1246-1253.	1.9	19
23	<i>Aspergillus fumigatus</i> , One Uninucleate Species with Disparate Offspring. Journal of Fungi (Basel), 2021, 7, 1-14.	3.5	14
24	Selective inhibition of <i>Rhizopus</i> eumelanin biosynthesis by novel natural product scaffold-based designs caused significant inhibition of fungal pathogenesis. Biochemical Journal, 2020, 477, 2489-2507.	3.7	13
25	<i>Aspergillus fumigatus</i> DHN-Melanin. Current Topics in Microbiology and Immunology, 2020, 425, 17-28.	1.1	10
26	Albumin Enhances Caspofungin Activity against <i>Aspergillus</i> Species by Facilitating Drug Delivery to Germinating Hyphae. Antimicrobial Agents and Chemotherapy, 2016, 60, 1226-1233.	3.2	7
27	Isolation and immunofluorescence staining of <i>Aspergillus fumigatus</i> conidia-containing phagolysosomes. STAR Protocols, 2021, 2, 100328.	1.2	7
28	Reply to Bazaz and Denning. Clinical Infectious Diseases, 2018, 67, 157-159.	5.8	3
29	DAPK1 Keeps the Peace in Antifungal Inflammation. Cell Host and Microbe, 2016, 20, 695-697.	11.0	1