

Jatin M Vyas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7174383/publications.pdf>

Version: 2024-02-01

95
papers

9,788
citations

126708

33
h-index

48187

88
g-index

104
all docs

104
docs citations

104
times ranked

19935
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.	4.3	4,701
2	CX3CR1-Mediated Dendritic Cell Access to the Intestinal Lumen and Bacterial Clearance. <i>Science</i> , 2005, 307, 254-258.	6.0	1,449
3	The known unknowns of antigen processing and presentation. <i>Nature Reviews Immunology</i> , 2008, 8, 607-618.	10.6	529
4	Antigen Presentation by Major Histocompatibility Complex Class I-B Molecules. <i>Annual Review of Immunology</i> , 1994, 12, 839-880.	9.5	240
5	The LRR and RING Domain Protein LRSAM1 Is an E3 Ligase Crucial for Ubiquitin-Dependent Autophagy of Intracellular <i>Salmonella Typhimurium</i> . <i>Cell Host and Microbe</i> , 2012, 12, 778-790.	5.1	202
6	Duration of Shedding of Culturable Virus in SARS-CoV-2 Omicron (BA.1) Infection. <i>New England Journal of Medicine</i> , 2022, 387, 275-277.	13.9	128
7	Tubulation of Class II MHC Compartments Is Microtubule Dependent and Involves Multiple Endolysosomal Membrane Proteins in Primary Dendritic Cells. <i>Journal of Immunology</i> , 2007, 178, 7199-7210.	0.4	120
8	Dissection of the Dislocation Pathway for Type I Membrane Proteins with a New Small Molecule Inhibitor, Eeyarestatin. <i>Molecular Biology of the Cell</i> , 2004, 15, 1635-1646.	0.9	101
9	Risks Associated With Lentiviral Vector Exposures and Prevention Strategies. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 1159-1166.	0.9	94
10	Dectin-1-Dependent LC3 Recruitment to Phagosomes Enhances Fungicidal Activity in Macrophages. <i>Journal of Infectious Diseases</i> , 2014, 210, 1844-1854.	1.9	90
11	Dectin-1 Activation Controls Maturation of β -1,3-Glucan-containing Phagosomes. <i>Journal of Biological Chemistry</i> , 2013, 288, 16043-16054.	1.6	80
12	In Vivo Role of Dendritic Cells in a Murine Model of Pulmonary Cryptococcosis. <i>Infection and Immunity</i> , 2006, 74, 3817-3824.	1.0	75
13	Monocyte- and Macrophage-Targeted NADPH Oxidase Mediates Antifungal Host Defense and Regulation of Acute Inflammation in Mice. <i>Journal of Immunology</i> , 2013, 190, 4175-4184.	0.4	75
14	Specialized functions of major histocompatibility complex class I molecules. II. Hmt binds N-formylated peptides of mitochondrial and prokaryotic origin.. <i>Journal of Experimental Medicine</i> , 1991, 174, 941-944.	4.2	71
15	TLR9 Is Actively Recruited to <i>Aspergillus fumigatus</i> Phagosomes and Requires the N-Terminal Proteolytic Cleavage Domain for Proper Intracellular Trafficking. <i>Journal of Immunology</i> , 2010, 185, 7614-7622.	0.4	66
16	Characterization of Virologic Rebound Following Nirmatrelvir-Ritonavir Treatment for Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2023, 76, e526-e529.	2.9	64
17	Recruitment of CD63 to <i>Cryptococcus neoformans</i> phagosomes requires acidification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15945-15950.	3.3	61
18	Identification of <i>Candida glabrata</i> Genes Involved in pH Modulation and Modification of the Phagosomal Environment in Macrophages. <i>PLoS ONE</i> , 2014, 9, e96015.	1.1	54

#	ARTICLE	IF	CITATIONS
19	Identification of the fungal ligand triggering cytotoxic PRR-mediated NK cell killing of <i>Cryptococcus</i> and <i>Candida</i> . <i>Nature Communications</i> , 2018, 9, 751.	5.8	52
20	Toll-Like Receptor 9 Modulates Macrophage Antifungal Effector Function during Innate Recognition of <i>Candida albicans</i> and <i>Saccharomyces cerevisiae</i> . <i>Infection and Immunity</i> , 2011, 79, 4858-4867.	1.0	50
21	Dragon (Repulsive Guidance Molecule b) Inhibits IL-6 Expression in Macrophages. <i>Journal of Immunology</i> , 2011, 186, 1369-1376.	0.4	49
22	$\hat{\Delta}$ v Integrins combine with LC3 and atg5 to regulate Toll-like receptor signalling in B cells. <i>Nature Communications</i> , 2016, 7, 10917.	5.8	49
23	Club Cell TRPV4 Serves as a Damage Sensor Driving Lung Allergic Inflammation. <i>Cell Host and Microbe</i> , 2020, 27, 614-628.e6.	5.1	47
24	Advances in <i>Candida</i> detection platforms for clinical and point-of-care applications. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 441-458.	5.1	46
25	Duration of viral shedding and culture positivity with postvaccination SARS-CoV-2 delta variant infections. <i>JCI Insight</i> , 2022, 7, .	2.3	46
26	Integrated Genomics of Crohn's Disease Risk Variant Identifies a Role for CLEC12A in Antibacterial Autophagy. <i>Cell Reports</i> , 2015, 11, 1905-1918.	2.9	45
27	<i>Fusarium</i> pathogenesis investigated using <i>Galleria mellonella</i> as a heterologous host. <i>Fungal Biology</i> , 2011, 115, 1279-1289.	1.1	43
28	Role of the Tet38 Efflux Pump in <i>Staphylococcus aureus</i> Internalization and Survival in Epithelial Cells. <i>Infection and Immunity</i> , 2015, 83, 4362-4372.	1.0	42
29	Dectin-1 Controls TLR9 Trafficking to Phagosomes Containing $\hat{2}$ -1,3 Glucan. <i>Journal of Immunology</i> , 2016, 196, 2249-2261.	0.4	42
30	Microfluidic Chip for Detection of Fungal Infections. <i>ACS Omega</i> , 2019, 4, 7474-7481.	1.6	40
31	Treatment of Refractory <i>Babesia microti</i> Infection with Atovaquone-Proguanil in an HIV-Infected Patient: Case Report. <i>Clinical Infectious Diseases</i> , 2007, 45, 1588-1588.	2.9	39
32	Availability of endogenous peptides limits expression of an M3a-Ld major histocompatibility complex class I chimera.. <i>Journal of Experimental Medicine</i> , 1994, 179, 155-165.	4.2	38
33	The Tetraspanin CD82 Is Specifically Recruited to Fungal and Bacterial Phagosomes prior to Acidification. <i>Infection and Immunity</i> , 2011, 79, 1098-1106.	1.0	34
34	Human Neutrophils Are Primed by Chemoattractant Gradients for Blocking the Growth of <i>Aspergillus fumigatus</i> . <i>Journal of Infectious Diseases</i> , 2016, 213, 465-475.	1.9	34
35	Recurrent spontaneous pneumothoraces and vaping in an 18-year-old man: a case report and review of the literature. <i>Journal of Medical Case Reports</i> , 2019, 13, 283.	0.4	34
36	Use of fungal derived polysaccharide-conjugated particles to probe Dectin-1 responses in innate immunity. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 220-227.	0.6	32

#	ARTICLE	IF	CITATIONS
37	Training the physician-scientist: views from program directors and aspiring young investigators. JCI Insight, 2018, 3, .	2.3	32
38	Modulatory role of vitamin A on the Candida albicans-induced immune response in human monocytes. Medical Microbiology and Immunology, 2014, 203, 415-424.	2.6	29
39	PKC- ζ activation in neutrophils promotes fungal clearance. Journal of Leukocyte Biology, 2016, 100, 581-588.	1.5	27
40	Tetraspanin CD82 Organizes Dectin-1 into Signaling Domains to Mediate Cellular Responses to <i>Candida albicans</i> . Journal of Immunology, 2019, 202, 3256-3266.	0.4	27
41	H-2M3a violates the paradigm for major histocompatibility complex class I peptide binding.. Journal of Experimental Medicine, 1995, 181, 1817-1825.	4.2	26
42	Immunoglobulin G signaling activates lysosome/phagosome docking. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18226-18231.	3.3	26
43	Spleen Tyrosine Kinase Is a Critical Regulator of Neutrophil Responses to <i>Candida</i> Species. MBio, 2020, 11, .	1.8	25
44	Biochemical specificity of H-2M3a. Stereospecificity and space-filling requirements at position 1 maintain N-formyl peptide binding. Journal of Immunology, 1992, 149, 3605-11.	0.4	25
45	Diagnostic Reasoning: An Endangered Competency in Internal Medicine Training. Annals of Internal Medicine, 2017, 167, 507.	2.0	24
46	Determining the Incidence of Asymptomatic SARS-CoV-2 Among Early Recipients of COVID-19 Vaccines (DISCOVER-COVID-19): A Prospective Cohort Study of Healthcare Workers Before, During and After Vaccination. Clinical Infectious Diseases, 2022, 74, 1275-1278.	2.9	23
47	Abdominal Abscesses Due to Actinomycosis after Laparoscopic Cholecystectomy: Case Reports and Review. Clinical Infectious Diseases, 2007, 44, e1-e4.	2.9	21
48	Control and Manipulation of Pathogens with an Optical Trap for Live Cell Imaging of Intercellular Interactions. PLoS ONE, 2010, 5, e15215.	1.1	21
49	A Critical Reappraisal of Prolonged Neutropenia as a Risk Factor for Invasive Pulmonary Aspergillosis. Open Forum Infectious Diseases, 2016, 3, ofw036.	0.4	21
50	Tet38 Efflux Pump Affects Staphylococcus aureus Internalization by Epithelial Cells through Interaction with CD36 and Contributes to Bacterial Escape from Acidic and Nonacidic Phagolysosomes. Infection and Immunity, 2017, 85, .	1.0	20
51	Humans Surviving Cholera Develop Antibodies against Vibrio cholerae O-Specific Polysaccharide That Inhibit Pathogen Motility. MBio, 2020, 11, .	1.8	20
52	Addressing the physician-scientist pipeline: strategies to integrate research into clinical training programs. Journal of Clinical Investigation, 2020, 130, 1058-1061.	3.9	19
53	The first line of defense: effector pathways of anti-fungal innate immunity. Current Opinion in Microbiology, 2020, 58, 160-165.	2.3	18
54	The Role of Autophagy-Related Proteins in Candida albicans Infections. Pathogens, 2016, 5, 34.	1.2	17

#	ARTICLE	IF	CITATIONS
55	The cell biology of the innate immune response to <i>Aspergillus fumigatus</i> . <i>Annals of the New York Academy of Sciences</i> , 2012, 1273, 78-84.	1.8	16
56	Macrophage-Cryptococcus Interactions: An Update. <i>Current Fungal Infection Reports</i> , 2014, 8, 109-115.	0.9	16
57	CD82 controls CpG-dependent TLR9 signaling. <i>FASEB Journal</i> , 2019, 33, 12500-12514.	0.2	16
58	Bifunctional Small Molecules Enhance Neutrophil Activities Against <i>Aspergillus fumigatus</i> in vivo and in vitro. <i>Frontiers in Immunology</i> , 2019, 10, 644.	2.2	16
59	Dynamic Virulence: Real-Time Assessment of Intracellular Pathogenesis Links <i>Cryptococcus neoformans</i> Phenotype with Clinical Outcome. <i>MBio</i> , 2011, 2, .	1.8	15
60	<i>Aspergillus fumigatus</i> Cell Wall Promotes Apical Airway Epithelial Recruitment of Human Neutrophils. <i>Infection and Immunity</i> , 2020, 88, .	1.0	15
61	Immunization with f-Met peptides induces immune reactivity against <i>Mycobacterium tuberculosis</i> . <i>Tubercle and Lung Disease</i> , 2000, 80, 5-13.	2.1	13
62	Case 22-2001. <i>New England Journal of Medicine</i> , 2001, 345, 201-205.	13.9	13
63	Policy Recommendations for Optimizing the Infectious Diseases Physician-Scientist Workforce. <i>Journal of Infectious Diseases</i> , 2018, 218, S49-S54.	1.9	13
64	Harnessing the Potential of Multiomics Studies for Precision Medicine in Infectious Disease. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab483.	0.4	13
65	Differential amino-terminal anchors for peptide binding to H-2M3a or H-2Kb and H-2Db. <i>Journal of Immunology</i> , 1993, 151, 201-10.	0.4	13
66	Serial Procalcitonin as a Predictor of Bacteremia and Need for Intensive Care Unit Care in Adults With Pneumonia, Including Those With Highest Severity: A Prospective Cohort Study. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofw238.	0.4	12
67	A Path to Resume Aesthetic Care: Executive Summary of Project AesCert Guidance Supplement-Practical Considerations for Aesthetic Medicine Professionals Supporting Clinic Preparedness in Response to the SARS-CoV-2 Outbreak. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2020, 22, 125-151.	0.5	12
68	Fatal Fulminant Hepatic Failure from Adenovirus in Allogeneic Bone Marrow Transplant Patients. <i>Case Reports in Infectious Diseases</i> , 2012, 2012, 1-5.	0.2	11
69	The Carbohydrate Lectin Receptor Dectin-1 Mediates the Immune Response to <i>Exserohilum rostratum</i> . <i>Infection and Immunity</i> , 2017, 85, .	1.0	11
70	It takes a village: Phagocytes play a central role in fungal immunity. <i>Seminars in Cell and Developmental Biology</i> , 2019, 89, 16-23.	2.3	11
71	Host Defenses to Fungal Pathogens. , 2019, , 413-424.e1.		9
72	<i>Staphylococcus aureus</i> Efflux Pumps and Tolerance to Ciprofloxacin and Chlorhexidine following Induction by Mupirocin. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0184521.	1.4	8

#	ARTICLE	IF	CITATIONS
73	Use of an Optical Trap for Study of Host-Pathogen Interactions for Dynamic Live Cell Imaging. Journal of Visualized Experiments, 2011, , .	0.2	6
74	The dendritic cell. Virulence, 2012, 3, 601-602.	1.8	6
75	Case 15-2013. New England Journal of Medicine, 2013, 368, 1919-1927.	13.9	6
76	Case 5-2016. New England Journal of Medicine, 2016, 374, 671-680.	13.9	6
77	The Known Unknowns of the Immune Response to Coccidioides. Journal of Fungi (Basel, Switzerland), 2021, 7, 377.	1.5	6
78	The duality of Aspergillus terreus: Differential immune responses to distinct conidia. Virulence, 2011, 2, 181-184.	1.8	5
79	Pearls of wisdom for aspiring physician-scientist residency applicants and program directors. JCI Insight, 2022, 7, .	2.3	5
80	Herpesvirus evasion of T-cell immunity. , 2007, , 1117-1136.		4
81	Hodgkin's lymphoma masquerading as vertebral osteomyelitis in a man with diabetes: a case report. Journal of Medical Case Reports, 2010, 4, 102.	0.4	4
82	Insights into dendritic cell function using advanced imaging modalities. Virulence, 2012, 3, 690-694.	1.8	3
83	A PATH TO RESUME AESTHETIC CARE EXECUTIVE SUMMARY OF PROJECT AesCertâ„¢ GUIDANCE SUPPLEMENT: PRACTICAL CONSIDERATIONS FOR AESTHETIC MEDICINE PROFESSIONALS SUPPORTING CLINIC PREPAREDNESS IN RESPONSE TO THE SARS-CoV-2 OUTBREAK. Facial Plastic Surgery and Aesthetic Medicine, 2020, , .	0.5	3
84	Internal medicine trainees' knowledge and confidence in using the American Society of Hematology Choosing Wisely guidelines in hemostasis, thrombosis, and non-malignant hematology. PLoS ONE, 2018, 13, e0197414.	1.1	2
85	Biologics. , 0, , 567-572.		1
86	Prevalence and Risk Factors for Coinfection in Patients with Invasive Aspergillosis. Open Forum Infectious Diseases, 2016, 3, .	0.4	1
87	Serial Procalcitonin Levels Correlate with Microbial Etiology in Hospitalized Patients with Pneumonia. Open Forum Infectious Diseases, 2017, 4, S351-S351.	0.4	1
88	The Great Opportunity: Cultivating Scientific Inquiry in Medical Residency. Journal of Infectious Diseases, 2018, 218, S44-S48.	1.9	1
89	Case 9-2022: A 56-Year-Old Woman with Fever, Myalgias, Diarrhea, and Cough. New England Journal of Medicine, 2022, 386, 1166-1174.	13.9	1
90	Prosthetic Joint Infections. Hospital Medicine Clinics, 2012, 1, e498-e507.	0.2	0

#	ARTICLE	IF	CITATIONS
91	Serial Procalcitonin Measurements for Improved Prognostic Assessment of Patients Admitted with Bacterial Pneumonia. Open Forum Infectious Diseases, 2015, 2, .	0.4	0
92	A Novel System for the Study of Neutrophil-Fungal Interactions. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
93	Macrophage Recognition and Response to Exserohilum rostratum. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
94	Corticosteroid Use Following the Onset of Invasive Aspergillosis is Associated with Increased Mortality: A Propensity Score-Matched Study. Open Forum Infectious Diseases, 2017, 4, S55-S55.	0.4	0
95	Diagnostic Reasoning. Annals of Internal Medicine, 2018, 168, 751.	2.0	0