

Jatin M Vyas

List of Publications by Year in descending order

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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	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
2	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. <i>Clinical Infectious Diseases</i> , 2022, 74, 1275-1278.	2.9	23
3	Duration of viral shedding and culture positivity with postvaccination SARS-CoV-2 delta variant infections. <i>JCI Insight</i> , 2022, 7, .	2.3	46
4	<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
5	Case 9-2022: A 56-Year-Old Woman with Fever, Myalgias, Diarrhea, and Cough. <i>New England Journal of Medicine</i> , 2022, 386, 1166-1174.	13.9	1
6	Pearls of wisdom for aspiring physician-scientist residency applicants and program directors. <i>JCI Insight</i> , 2022, 7, .	2.3	5
7	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
8	The Known Unknowns of the Immune Response to <i>Coccidioides</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 377.	1.5	6
9	Harnessing the Potential of Multiomics Studies for Precision Medicine in Infectious Disease. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab483.	0.4	13
10	The first line of defense: effector pathways of anti-fungal innate immunity. <i>Current Opinion in Microbiology</i> , 2020, 58, 160-165.	2.3	18
11	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, . .	0.5	3
12	A Path to Resume Aesthetic Care: Executive Summary of Project AesCert Guidance Supplementâ€”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
13	Spleen Tyrosine Kinase Is a Critical Regulator of Neutrophil Responses to <i>Candida</i> Species. <i>MBio</i> , 2020, 11, .	1.8	25
14	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
15	<i>Aspergillus fumigatus</i> Cell Wall Promotes Apical Airway Epithelial Recruitment of Human Neutrophils. <i>Infection and Immunity</i> , 2020, 88, .	1.0	15
16	Humans Surviving Cholera Develop Antibodies against <i>Vibrio cholerae</i> O-Specific Polysaccharide That Inhibit Pathogen Motility. <i>MBio</i> , 2020, 11, .	1.8	20
17	Addressing the physician-scientist pipeline: strategies to integrate research into clinical training programs. <i>Journal of Clinical Investigation</i> , 2020, 130, 1058-1061.	3.9	19
18	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

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19	CD82 controls CpGâ€dependent TLR9 signaling. <i>FASEB Journal</i> , 2019, 33, 12500-12514.	0.2	16
20	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
21	Tetraspanin CD82 Organizes Dectin-1 into Signaling Domains to Mediate Cellular Responses to <i>Candida albicans</i> . <i>Journal of Immunology</i> , 2019, 202, 3256-3266.	0.4	27
22	Microfluidic Chip for Detection of Fungal Infections. <i>ACS Omega</i> , 2019, 4, 7474-7481.	1.6	40
23	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
24	Host Defenses to Fungal Pathogens. , 2019, , 413-424.e1.		9
25	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
26	Internal medicine trainees' knowledge and confidence in using the American Society of Hematology Choosing Wisely guidelines in hemostasis, thrombosis, and non-malignant hematology. <i>PLoS ONE</i> , 2018, 13, e0197414.	1.1	2
27	Diagnostic Reasoning. <i>Annals of Internal Medicine</i> , 2018, 168, 751.	2.0	0
28	Policy Recommendations for Optimizing the Infectious Diseases Physician-Scientist Workforce. <i>Journal of Infectious Diseases</i> , 2018, 218, S49-S54.	1.9	13
29	The Great Opportunity: Cultivating Scientific Inquiry in Medical Residency. <i>Journal of Infectious Diseases</i> , 2018, 218, S44-S48.	1.9	1
30	Training the physician-scientist: views from program directors and aspiring young investigators. <i>JCI Insight</i> , 2018, 3, .	2.3	32
31	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
32	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
33	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
34	Tet38 Efflux Pump Affects <i>Staphylococcus aureus</i> Internalization by Epithelial Cells through Interaction with CD36 and Contributes to Bacterial Escape from Acidic and Nonacidic Phagolysosomes. <i>Infection and Immunity</i> , 2017, 85, .	1.0	20
35	Diagnostic Reasoning: An Endangered Competency in Internal Medicine Training. <i>Annals of Internal Medicine</i> , 2017, 167, 507.	2.0	24
36	Corticosteroid Use Following the Onset of Invasive Aspergillosis is Associated with Increased Mortality: A Propensity Score-Matched Study. <i>Open Forum Infectious Diseases</i> , 2017, 4, S55-S55.	0.4	0

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37	Serial Procalcitonin Levels Correlate with Microbial Etiology in Hospitalized Patients with Pneumonia. <i>Open Forum Infectious Diseases</i> , 2017, 4, S351-S351.	0.4	1
38	A Novel System for the Study of Neutrophil-Fungal Interactions. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
39	The Role of Autophagy-Related Proteins in <i>Candida albicans</i> Infections. <i>Pathogens</i> , 2016, 5, 34.	1.2	17
40	Prevalence and Risk Factors for Coinfection in Patients with Invasive Aspergillosis. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	1
41	Macrophage Recognition and Response to <i>Exserohilum rostratum</i> . <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
42	Î±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
43	Risks Associated With Lentiviral Vector Exposures and Prevention Strategies. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 1159-1166.	0.9	94
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
45	A Critical Reappraisal of Prolonged Neutropenia as a Risk Factor for Invasive Pulmonary Aspergillosis. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw036.	0.4	21
46	Case 5-2016. <i>New England Journal of Medicine</i> , 2016, 374, 671-680.	13.9	6
47	Dectin-1 Controls TLR9 Trafficking to Phagosomes Containing Î²-1,3 Glucan. <i>Journal of Immunology</i> , 2016, 196, 2249-2261.	0.4	42
48	PKC-Î´ activation in neutrophils promotes fungal clearance. <i>Journal of Leukocyte Biology</i> , 2016, 100, 581-588.	1.5	27
49	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
50	Serial Procalcitonin Measurements for Improved Prognostic Assessment of Patients Admitted with Bacterial Pneumonia. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.4	0
51	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
52	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
53	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
54	Modulatory role of vitamin A on the <i>Candida albicans</i> -induced immune response in human monocytes. <i>Medical Microbiology and Immunology</i> , 2014, 203, 415-424.	2.6	29

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55	Macrophage-Cryptococcus Interactions: An Update. <i>Current Fungal Infection Reports</i> , 2014, 8, 109-115.	0.9	16
56	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
57	Case 15-2013. <i>New England Journal of Medicine</i> , 2013, 368, 1919-1927.	13.9	6
58	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
59	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
60	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
61	The dendritic cell. <i>Virulence</i> , 2012, 3, 601-602.	1.8	6
62	Insights into dendritic cell function using advanced imaging modalities. <i>Virulence</i> , 2012, 3, 690-694.	1.8	3
63	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
64	Prosthetic Joint Infections. <i>Hospital Medicine Clinics</i> , 2012, 1, e498-e507.	0.2	0
65	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
66	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
67	<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
68	Use of an Optical Trap for Study of Host-Pathogen Interactions for Dynamic Live Cell Imaging. <i>Journal of Visualized Experiments</i> , 2011, . .	0.2	6
69	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
70	The duality of <i>Aspergillus terreus</i> : Differential immune responses to distinct conidia. <i>Virulence</i> , 2011, 2, 181-184.	1.8	5
71	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
72	Dragon (Repulsive Guidance Molecule b) Inhibits IL-6 Expression in Macrophages. <i>Journal of Immunology</i> , 2011, 186, 1369-1376.	0.4	49

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73	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
74	Control and Manipulation of Pathogens with an Optical Trap for Live Cell Imaging of Intercellular Interactions. <i>PLoS ONE</i> , 2010, 5, e15215.	1.1	21
75	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
76	Hodgkin's lymphoma masquerading as vertebral osteomyelitis in a man with diabetes: a case report. <i>Journal of Medical Case Reports</i> , 2010, 4, 102.	0.4	4
77	The known unknowns of antigen processing and presentation. <i>Nature Reviews Immunology</i> , 2008, 8, 607-618.	10.6	529
78	Herpesvirus evasion of T-cell immunity. , 2007, , 1117-1136.		4
79	Abdominal Abscesses Due to Actinomycosis after Laparoscopic Cholecystectomy: Case Reports and Review. <i>Clinical Infectious Diseases</i> , 2007, 44, e1-e4.	2.9	21
80	Treatment of Refractory Babesia microti Infection with Atovaquone-Proguanil in an HIV-Infected Patient: Case Report. <i>Clinical Infectious Diseases</i> , 2007, 45, 1588-1588.	2.9	39
81	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
82	Immunoglobulin G signaling activates lysosome/phagosome docking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18226-18231.	3.3	26
83	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
84	Recruitment of CD63 to Cryptococcus neoformans 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
85	CX3CR1-Mediated Dendritic Cell Access to the Intestinal Lumen and Bacterial Clearance. <i>Science</i> , 2005, 307, 254-258.	6.0	1,449
86	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
87	Case 22-2001. <i>New England Journal of Medicine</i> , 2001, 345, 201-205.	13.9	13
88	Immunization with f-Met peptides induces immune reactivity against Mycobacterium tuberculosis. <i>Tubercle and Lung Disease</i> , 2000, 80, 5-13.	2.1	13
89	H-2M3a violates the paradigm for major histocompatibility complex class I peptide binding.. <i>Journal of Experimental Medicine</i> , 1995, 181, 1817-1825.	4.2	26
90	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

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91	Antigen Presentation by Major Histocompatibility Complex Class I-B Molecules. Annual Review of Immunology, 1994, 12, 839-880.	9.5	240
92	Differential amino-terminal anchors for peptide binding to H-2M3a or H-2Kb and H-2Db. Journal of Immunology, 1993, 151, 201-10.	0.4	13
93	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
94	Specialized functions of major histocompatibility complex class I molecules. II. Hmt binds N-formylated peptides of mitochondrial and prokaryotic origin.. Journal of Experimental Medicine, 1991, 174, 941-944.	4.2	71
95	Biologics. , 0, , 567-572.		1