Constantin F Urban

List of Publications by Year
in descending order

50 papers	5,099 citations	172457 29 h-index	223800 46 g-index
53 all docs	53 docs citations	53 times ranked	6407 citing authors

#	Article	IF	Citations
1	Immune Resolution Dilemma: Host Antimicrobial Factor S100A8/A9 Modulates Inflammatory Collateral Tissue Damage During Disseminated Fungal Peritonitis. Frontiers in Immunology, 2021, 12, 553911.	4.8	7
2	Applying Cryo-X-ray Photoelectron Spectroscopy to Study the Surface Chemical Composition of Fungi and Viruses. Frontiers in Chemistry, 2021, 9, 666853.	3.6	11
3	Neutrophils phagocytosing fungal hyphae in urinary sediment. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2021, 43, 431-433.	0.9	0
4	Eradicating, retaining, balancing, swarming, shuttling and dumping: a myriad of tasks for neutrophils during fungal infection. Current Opinion in Microbiology, 2020, 58, 106-115.	5.1	18
5	Effect of sample preparation techniques upon single cell chemical imaging: A practical comparison between synchrotron radiation based X-ray fluorescence (SR-XRF) and Nanoscopic Secondary Ion Mass Spectrometry (nano-SIMS). Analytica Chimica Acta, 2020, 1106, 22-32.	5.4	15
6	Cryptococcus neoformans Induces MCP-1 Release and Delays the Death of Human Mast Cells. Frontiers in Cellular and Infection Microbiology, 2019, 9, 289.	3.9	13
7	Stable Redox-Cycling Nitroxide Tempol Has Antifungal and Immune-Modulatory Properties. Frontiers in Microbiology, 2019, 10, 1843.	3.5	5
8	Mitochondrial DNA in the tumour microenvironment activates neutrophils and is associated with worse outcomes in patients with advanced epithelial ovarian cancer. British Journal of Cancer, 2019, 120, 207-217.	6.4	62
9	Neutrophil extracellular traps in fungal infection. Seminars in Cell and Developmental Biology, 2019, 89, 47-57.	5.0	76
10	Visualizing Hypoxia in a Murine Model of Candida albicans Infection Using in vivo Biofluorencence. Bio-protocol, 2019, 9, e3326.	0.4	0
11	Neutrophil Extracellular Traps. , 2018, , 205-275.		0
12	Evasion of Immune Surveillance in Low Oxygen Environments Enhances Candida albicans Virulence. MBio, 2018, 9, .	4.1	69
13	Assessment of Neutrophil Chemotaxis Upon G-CSF Treatment of Healthy Stem Cell Donors and in Allogeneic Transplant Recipients. Frontiers in Immunology, 2018, 9, 1968.	4.8	14
14	Biphasic zinc compartmentalisation in a human fungal pathogen. PLoS Pathogens, 2018, 14, e1007013.	4.7	67
15	Identification and characterization of neutrophil extracellular trap shapes in flow cytometry. Proceedings of SPIE, 2017, , .	0.8	0
16	Computational detection and quantification of human and mouse neutrophil extracellular traps in flow cytometry and confocal microscopy. Scientific Reports, 2017, 7, 17755.	3.3	24
17	Phenol-Soluble Modulin Î± Peptide Toxins from Aggressive Staphylococcus aureus Induce Rapid Formation of Neutrophil Extracellular Traps through a Reactive Oxygen Species-Independent Pathway. Frontiers in Immunology, 2017, 8, 257.	4.8	66
18	Dual transcriptome of the immediate neutrophil and Candida albicans interplay. BMC Genomics, 2017, 18, 696.	2.8	45

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19	Probing Intracellular Element Concentration Changes during Neutrophil Extracellular Trap Formation Using Synchrotron Radiation Based X-Ray Fluorescence. PLoS ONE, 2016, 11, e0165604.	2.5	17
20	Nicotine induces neutrophil extracellular traps. Journal of Leukocyte Biology, 2016, 100, 1105-1112.	3.3	130
21	The adhesive protein invasin of Yersinia pseudotuberculosis induces neutrophil extracellular traps via Î²1 integrins. Microbes and Infection, 2015, 17, 327-336.	1.9	32
22	Opportunistic pathogen Candida albicans elicits a temporal response in primary human mast cells. Scientific Reports, 2015, 5, 12287.	3.3	69
23	Recognition of Aspergillus fumigatus Hyphae by Human Plasmacytoid Dendritic Cells Is Mediated by Dectin-2 and Results in Formation of Extracellular Traps. PLoS Pathogens, 2015, 11, e1004643.	4.7	147
24	Trace element landscape of resting and activated human neutrophils on the sub-micrometer level. Metallomics, 2015, 7, 996-1010.	2.4	36
25	Novel High-Throughput Screening Method for Identification of Fungal Dimorphism Blockers. Journal of Biomolecular Screening, 2015, 20, 285-291.	2.6	16
26	Antifungal Application of Nonantifungal Drugs. Antimicrobial Agents and Chemotherapy, 2014, 58, 1055-1062.	3.2	65
27	NADPH Oxidase Promotes Neutrophil Extracellular Trap Formation in Pulmonary Aspergillosis. Infection and Immunity, 2014, 82, 1766-1777.	2.2	146
28	<i>Candida albicans</i>escapes from mouse neutrophils. Journal of Leukocyte Biology, 2013, 94, 223-236.	3.3	56
29	A family of secreted pathogenesisâ€related proteins in <i><scp>C</scp>andida albicans</i>. Molecular Microbiology, 2013, 87, 132-151.	2.5	28
30	Vibrio cholerae Evades Neutrophil Extracellular Traps by the Activity of Two Extracellular Nucleases. PLoS Pathogens, 2013, 9, e1003614.	4.7	111
31	NETosis and NADPH oxidase: at the intersection of host defense, inflammation, and injury. Frontiers in Immunology, 2013, 4, 45.	4.8	96
32	Role of YopK in Yersinia pseudotuberculosis Resistance against Polymorphonuclear Leukocyte Defense. Infection and Immunity, 2013, 81, 11-22.	2.2	19
33	Monocyte- and Macrophage-Targeted NADPH Oxidase Mediates Antifungal Host Defense and Regulation of Acute Inflammation in Mice. Journal of Immunology, 2013, 190, 4175-4184.	0.8	75
34	Novel Insight into Neutrophil Immune Responses by Dry Mass Determination of Candida albicans Morphotypes. PLoS ONE, 2013, 8, e77993.	2.5	18
35	Myeloid-Related Protein-14 Contributes to Protective Immunity in Gram-Negative Pneumonia Derived Sepsis. PLoS Pathogens, 2012, 8, e1002987.	4.7	123
36	Stable Redox-Cycling Nitroxide Tempol Inhibits NET Formation. Frontiers in Immunology, 2012, 3, 391.	4.8	51

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37	MRP8/14 is a Protective Mediator in Murine Klebsiella (K.) Pneumoniae Induced Pneumonia. Annals of Paediatric Rheumatology, 2012, 1, 18.	0.0	0
38	Restoration of anti-Aspergillus defense by neutrophil extracellular traps in human chronic granulomatous disease after gene therapy is calprotectin-dependent. Journal of Allergy and Clinical Immunology, 2011, 127, 1243-1252.e7.	2.9	221
39	Role of NADPH Oxidase versus Neutrophil Proteases in Antimicrobial Host Defense. PLoS ONE, 2011, 6, e28149.	2.5	53
40	Neutrophil Extracellular Traps Contain Calprotectin, a Cytosolic Protein Complex Involved in Host Defense against Candida albicans. PLoS Pathogens, 2009, 5, e1000639.	4.7	1,378
41	Mouse Neutrophil Extracellular Traps in Microbial Infections. Journal of Innate Immunity, 2009, 1, 181-193.	3.8	206
42	Fungal and Bacterial Killing by Neutrophils. Methods in Molecular Biology, 2009, 470, 293-312.	0.9	61
43	Netting bacteria in sepsis. Nature Medicine, 2007, 13, 403-404.	30.7	35
44	Getting in Touch with Candida albicans: The Cell Wall of a Fungal Pathogen. Current Drug Targets, 2006, 7, 505-512.	2.1	28
45	Neutrophil extracellular traps capture and kill Candida albicans yeast and hyphal forms. Cellular Microbiology, 2006, 8, 668-676.	2.1	865
46	How do microbes evade neutrophil killing?. Cellular Microbiology, 2006, 8, 1687-1696.	2.1	171
47	The moonlighting protein Tsa1p is implicated in oxidative stress response and in cell wall biogenesis inCandida albicans. Molecular Microbiology, 2005, 57, 1318-1341.	2.5	78
48	Identification and Characterization of Cor33p, a Novel Protein Implicated in Tolerance towards Oxidative Stress in Candida albicans. Eukaryotic Cell, 2005, 4, 2160-2169.	3.4	9
49	EFG1 is a major regulator of cell wall dynamics in Candida albicans as revealed by DNA microarrays. Molecular Microbiology, 2003, 47, 89-102.	2.5	170
50	Identification of cell surface determinants inCandida albicansreveals Tsa1p, a protein differentially localized in the cell. FEBS Letters, 2003, 544, 228-235.	2.8	94