

# Carolina Serena

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,488  
citations

218677

26  
h-index

197818

49  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018, 12, 1642-1657.	9.8	260
2	International Society of Human and Animal Mycology (ISHAM)-ITS reference DNA barcoding databaseâ€”the quality controlled standard tool for routine identification of human and animal pathogenic fungi. <i>Medical Mycology</i> , 2015, 53, 313-337.	0.7	252
3	SUCNR1 controls an anti-inflammatory program in macrophages to regulate the metabolic response to obesity. <i>Nature Immunology</i> , 2019, 20, 581-592.	14.5	168
4	In Vitro Antifungal Susceptibilities of Five Species of <i>Sporothrix</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 732-734.	3.2	165
5	Antifungal Susceptibilities of the Species of the <i>Pseudallescheria boydii</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 4211-4213.	3.2	142
6	Obesity and Type 2 Diabetes Alters the Immune Properties of Human Adipose Derived Stem Cells. <i>Stem Cells</i> , 2016, 34, 2559-2573.	3.2	133
7	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. <i>Stem Cells Translational Medicine</i> , 2016, 5, 464-475.	3.3	96
8	Posaconazole Combined with Amphotericin B, an Effective Therapy for a Murine Disseminated Infection Caused by <i>Rhizopus oryzae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3786-3788.	3.2	84
9	Modulation of DNA Binding by Reversible Metal-Controlled Molecular Reorganizations of Scorpion-like Ligands. <i>Journal of the American Chemical Society</i> , 2012, 134, 9644-9656.	13.7	78
10	Global VGIIa isolates are of comparable virulence to the major fatal <i>Cryptococcus gattii</i> Vancouver Island outbreak genotype. <i>Clinical Microbiology and Infection</i> , 2011, 17, 251-258.	6.0	60
11	Different virulence of the species of the <i>Pseudallescheria boydii</i> complex. <i>Medical Mycology</i> , 2009, 47, 371-374.	0.7	59
12	Efficacy of Voriconazole in Treatment of Systemic Scedosporiosis in Neutropenic Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3976-3978.	3.2	53
13	A PR-1-like Protein of <i>Fusarium oxysporum</i> Functions in Virulence on Mammalian Hosts. <i>Journal of Biological Chemistry</i> , 2012, 287, 21970-21979.	3.4	52
14	Adipose tissue glycogen accumulation is associated with obesity-linked inflammation in humans. <i>Molecular Metabolism</i> , 2016, 5, 5-18.	6.5	50
15	Crohn's Disease Disturbs the Immune Properties of Human Adipose-Derived Stem Cells Related to Inflammasome Activation. <i>Stem Cell Reports</i> , 2017, 9, 1109-1123.	4.8	49
16	Effects of Double and Triple Combinations of Antifungal Drugs in a Murine Model of Disseminated Infection by <i>Scedosporium prolificans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2153-2155.	3.2	48
17	Adipose tissue mitochondrial dysfunction in human obesity is linked to a specific DNA methylation signature in adipose-derived stem cells. <i>International Journal of Obesity</i> , 2019, 43, 1256-1268.	3.4	47
18	Interaction of granulocyte colony-stimulating factor and high doses of liposomal amphotericin B in the treatment of systemic murine scedosporiosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2004, 50, 247-251.	1.8	44

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19	Efficacy of Micafungin in Combination with Other Drugs in a Murine Model of Disseminated Trichosporonosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 497-502.	3.2	44
20	In Vitro Interactions of Approved and Novel Drugs against <i>Paecilomyces</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2727-2729.	3.2	43
21	In Vitro Activities of New Antifungal Agents against <i>Chaetomium</i> spp. and Inoculum Standardization. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3161-3164.	3.2	42
22	In Vitro Antifungal Susceptibilities of Uncommon Basidiomycetous Yeasts. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2724-2726.	3.2	38
23	Efficacy of voriconazole in a murine model of cryptococcal central nervous system infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 162-165.	3.0	34
24	Mn(II) complexes of scorpiand-like ligands. A model for the MnSOD active centre with high in vitro and in vivo activity. <i>Journal of Inorganic Biochemistry</i> , 2015, 143, 1-8.	3.5	34
25	In vitro interaction of micafungin with conventional and new antifungals against clinical isolates of <i>Trichosporon</i> , <i>Sporobolomyces</i> and <i>Rhodotorula</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 1020-1023.	3.0	30
26	<i>Scedosporium aurantiacum</i> as virulent as <i>S. prolificans</i> , and shows strain-specific virulence differences, in a mouse model. <i>Medical Mycology</i> , 2010, 48, S45-S51.	0.7	29
27	In Vitro Interactions of Micafungin with Other Antifungal Drugs against Clinical Isolates of Four Species of <i>Cryptococcus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2994-2996.	3.2	27
28	Survivin, a key player in cancer progression, increases in obesity and protects adipose tissue stem cells from apoptosis. <i>Cell Death and Disease</i> , 2017, 8, e2802-e2802.	6.3	27
29	Efficacy of Voriconazole in a Guinea Pig Model of Invasive Trichosporonosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2240-2243.	3.2	26
30	Angiotensin-like protein 8/betatrophin as a new determinant of type 2 diabetes remission after bariatric surgery. <i>Translational Research</i> , 2017, 184, 35-44.e4.	5.0	22
31	A novel murine model of cerebral scedosporiosis: lack of efficacy of amphotericin B. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 1092-1095.	3.0	21
32	Distinct signalling pathways coordinately contribute to virulence of <i>Fusarium oxysporum</i> on mammalian hosts. <i>Microbes and Infection</i> , 2006, 8, 2825-2831.	1.9	20
33	Combined antifungal therapy in a murine infection by <i>Candida glabrata</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 1295-1298.	3.0	20
34	Significant In Vivo Anti-Inflammatory Activity of Pyren-4Q-Mn a Superoxide Dismutase 2 (SOD2) Mimetic Scorpiand-Like Mn (II) Complex. <i>PLoS ONE</i> , 2015, 10, e0119102.	2.5	19
35	Adipose stem cells from patients with Crohn's disease show a distinctive DNA methylation pattern. <i>Clinical Epigenetics</i> , 2020, 12, 53.	4.1	18
36	Activities of Flucytosine, Fluconazole, Amphotericin B, and Micafungin in a Murine Model of Disseminated Infection by <i>Candida glabrata</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4757-4759.	3.2	15

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37	Microbial Signature in Adipose Tissue of Crohn's Disease Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2448.	2.4	15
38	Gestational diabetes impacts fetal precursor cell responses with potential consequences for offspring. <i>Stem Cells Translational Medicine</i> , 2020, 9, 351-363.	3.3	14
39	In Vitro Interactions of Micafungin with Amphotericin B against Clinical Isolates of <i>Candida</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1529-1532.	3.2	13
40	Effect of antifungal treatment in a murine model of blastoschizomycosis. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, 79-83.	2.5	11
41	In vitro activity of micafungin combined with itraconazole against <i>Candida</i> spp.. <i>International Journal of Antimicrobial Agents</i> , 2007, 30, 463-465.	2.5	11
42	Posaconazole efficacy in a murine disseminated infection caused by <i>Paecilomyces lilacinus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 63, 361-364.	3.0	11
43	Efficacy of voriconazole in a murine model of invasive paecilomycosis. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 362-365.	2.5	11
44	The Gut Microbiota Metabolite Succinate Promotes Adipose Tissue Browning in Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 1571-1583.	1.3	11
45	Oxidative stress protection by manganese complexes of tail-tied aza-scorpion ligands. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 230-239.	3.5	10
46	Efficacy of Triazoles in a Murine Disseminated Infection by <i>Candida krusei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3585-3588.	3.2	8
47	Micafungin combined with fluconazole, an effective therapy for murine blastoschizomycosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 877-879.	3.0	7
48	Molecular Epidemiology Reveals Low Genetic Diversity among <i>Cryptococcus neoformans</i> Isolates from People Living with HIV in Lima, Peru, during the Pre-HAART Era. <i>Pathogens</i> , 2020, 9, 665.	2.8	7
49	Combined Therapies in a Murine Model of Blastoschizomycosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2608-2610.	3.2	4
50	Crohn's Disease Increases the Mesothelial Properties of Adipocyte Progenitors in the Creeping Fat. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4292.	4.1	3
51	Glycogen accumulation in adipocyte precursors from elderly and obese subjects triggers inflammation via SIRT1/6 signaling. <i>Aging Cell</i> , 2022, 21, .	6.7	3
52	Mn(II) Complexes of Enlarged Scorpion-Type Azamacrocycles as Mimetics of MnSOD Enzyme. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2447.	2.5	0