Ana Traven

List of Publications by Year
in descending order

64	3,421	30	56
papers	citations	h-index	g-index
		159525	149623

66	66	66	5055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Disruption of Iron Homeostasis and Mitochondrial Metabolism Are Promising Targets to Inhibit Candida auris. Microbiology Spectrum, 2022, 10, e0010022.	1.2	9
2	Natural Variation in Clinical Isolates of Candida albicans Modulates Neutrophil Responses. MSphere, 2020, 5, .	1.3	12
3	Metabolic competition between host and pathogen dictates inflammasome responses to fungal infection. PLoS Pathogens, 2020, 16, e1008695.	2.1	28
4	Immunometabolism in fungal infections: the need to eat to compete. Current Opinion in Microbiology, 2020, 58, 32-40.	2.3	23
5	The YEATS Domain Histone Crotonylation Readers Control Virulence-Related Biology of a Major Human Pathogen. Cell Reports, 2020, 31, 107528.	2.9	19
6	Targeting NLRP3 and Staphylococcal pore-forming toxin receptors in human-induced pluripotent stem cell-derived macrophages. Journal of Leukocyte Biology, 2020, 108, 967-981.	1.5	19
7	The RSC (Remodels the Structure of Chromatin) complex of Candida albicans shows compositional divergence with distinct roles in regulating pathogenic traits. PLoS Genetics, 2020, 16, e1009071.	1.5	8
8	Central metabolic interactions of immune cells and microbes: prospects for defeating infections. EMBO Reports, 2019, 20, e47995.	2.0	47
9	Characterization of Key Bioâ€"Nano Interactions between Organosilica Nanoparticles and <i>Candida albicans</i>. ACS Applied Materials & Interfaces, 2019, 11, 34676-34687.	4.0	11
10	Mdivi-1 and mitochondrial fission: recent insights from fungal pathogens. Current Genetics, 2019, 65, 837-845.	0.8	14
11	Mitochondrial Control of Fungal Cell Walls: Models and Relevance in Fungal Pathogens. Current Topics in Microbiology and Immunology, 2019, 425, 277-296.	0.7	20
12	Glucose Homeostasis Is Important for Immune Cell Viability during Candida Challenge and Host Survival of Systemic Fungal Infection. Cell Metabolism, 2018, 27, 988-1006.e7.	7.2	162
13	A Metabolic Checkpoint for the Yeast-to-Hyphae Developmental Switch Regulated by Endogenous Nitric Oxide Signaling. Cell Reports, 2018, 25, 2244-2258.e7.	2.9	37
14	The Antifungal Plant Defensin HsAFP1 Is a Phosphatidic Acid-Interacting Peptide Inducing Membrane Permeabilization. Frontiers in Microbiology, 2017, 8, 2295.	1.5	36
15	The Mitochondrial GTPase Gem1 Contributes to the Cell Wall Stress Response and Invasive Growth of Candida albicans. Frontiers in Microbiology, 2017, 8, 2555.	1.5	15
16	The Endoplasmic Reticulum-Mitochondrion Tether ERMES Orchestrates Fungal Immune Evasion, Illuminating Inflammasome Responses to Hyphal Signals. MSphere, 2016, 1, .	1.3	39
17	Postâ€transcriptional gene regulation in the biology and virulence of<i>Candida albicans</i>. Cellular Microbiology, 2016, 18, 800-806.	1.1	22
18	Searching for new strategies against polymicrobial biofilm infections: guanylated polymethacrylates kill mixed fungal/bacterial biofilms. Journal of Antimicrobial Chemotherapy, 2016, 71, 413-421.	1.3	65

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19	Anti-infective Surface Coatings: Design and Therapeutic Promise against Device-Associated Infections. PLoS Pathogens, 2016, 12, e1005598.	2.1	43
20	Candida and macrophages: a deadly affair. Microbiology Australia, 2015, 36, 53.	0.1	0
21	Integration of Posttranscriptional Gene Networks into Metabolic Adaptation and Biofilm Maturation in Candida albicans. PLoS Genetics, 2015, 11, e1005590.	1.5	31
22	System-level impact of mitochondria on fungal virulence: to metabolism and beyond. FEMS Yeast Research, 2015, 15, fov027.	1.1	93
23	PAT-seq: a method to study the integration of 3â€²-UTR dynamics with gene expression in the eukaryotic transcriptome. Rna, 2015, 21, 1502-1510.	1.6	78
24	Surface coatings with covalently attached caspofungin are effective in eliminating fungal pathogens. Journal of Materials Chemistry B, 2015, 3, 8469-8476.	2.9	31
25	Mitochondrial Biogenesis: Cell-Cycle-Dependent Investment inÂMaking Mitochondria. Current Biology, 2015, 25, R78-R80.	1.8	24
26	Identification of a Class of Protein ADP-Ribosylating Sirtuins in Microbial Pathogens. Molecular Cell, 2015, 59, 309-320.	4.5	79
27	Microbial Egress: A Hitchhiker's Guide to Freedom. PLoS Pathogens, 2014, 10, e1004201.	2.1	19
28	The Pathogen Candida albicans Hijacks Pyroptosis for Escape from Macrophages. MBio, 2014, 5, e00003-14.	1.8	181
29	Activation of stress signalling pathways enhances tolerance of fungi to chemical fungicides and antifungal proteins. Cellular and Molecular Life Sciences, 2014, 71, 2651-2666.	2.4	76
30	Bovine pancreatic trypsin inhibitor is a new antifungal peptide that inhibits cellular magnesium uptake. Molecular Microbiology, 2014, 92, 1188-1197.	1.2	25
31	A Global Virulence Regulator in Acinetobacter baumannii and Its Control of the Phenylacetic Acid Catabolic Pathway. Journal of Infectious Diseases, 2014, 210, 46-55.	1.9	139
32	Solvent-exposed serines in the Gal4 DNA-binding domain are required for promoter occupancy and transcriptional activation<i>in vivo</i>. FEMS Yeast Research, 2014, 14, 302-309.	1.1	3
33	RAFT-derived antimicrobial polymethacrylates: elucidating the impact of end-groups on activity and cytotoxicity. Polymer Chemistry, 2014, 5, 5813-5822.	1.9	68
34	The ins and outs of the intermembrane space: Diverse mechanisms and evolutionary rewiring of mitochondrial protein import routes. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1246-1253.	1.1	12
35	<i>ifet-1</i> is a broad scale translational repressor required for normal P granule formation in <i>C. elegans</i>. Journal of Cell Science, 2013, 126, 850-9.	1.2	32
36	Identification and Mechanism of Action of the Plant Defensin NaD1 as a New Member of the Antifungal Drug Arsenal against Candida albicans. Antimicrobial Agents and Chemotherapy, 2013, 57, 3667-3675.	1.4	104

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37	Phospholipase C of Cryptococcus neoformans Regulates Homeostasis and Virulence by Providing Inositol Trisphosphate as a Substrate for Arg1 Kinase. Infection and Immunity, 2013, 81, 1245-1255.	1.0	36
38	Guanylated Polymethacrylates: A Class of Potent Antimicrobial Polymers with Low Hemolytic Activity. Biomacromolecules, 2013, 14, 4021-4031.	2.6	174
39	The cellular roles of Ccr4-NOT in model and pathogenic fungiâ€”implications for fungal virulence. Frontiers in Genetics, 2013, 4, 302.	1.1	23
40	Preparation of Mitochondria from Candida albicans. Bio-protocol, 2013, 3, .	0.2	1
41	Candida albicans Mitochondrial Protein Import Assay. Bio-protocol, 2013, 3, .	0.2	1
42	The Functions of Mediator in Candida albicans Support a Role in Shaping Species-Specific Gene Expression. PLoS Genetics, 2012, 8, e1002613.	1.5	50
43	Mitochondrial Sorting and Assembly Machinery Subunit Sam37 in Candida albicans: Insight into the Roles of Mitochondria in Fitness, Cell Wall Integrity, and Virulence. Eukaryotic Cell, 2012, 11, 532-544.	3.4	57
44	A Small Tim Homohexamer in the Relict Mitochondrion of Cryptosporidium. Molecular Biology and Evolution, 2012, 29, 113-122.	3.5	22
45	ePAT: A simple method to tag adenylated RNA to measure poly(A)-tail length and other 3â€² RACE applications. Rna, 2012, 18, 1289-1295.	1.6	87
46	A model system for mitochondrial biogenesis reveals evolutionary rewiring of protein import and membrane assembly pathways. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3358-66.	3.3	30
47	Transcriptional Profiling of a Yeast Colony Provides New Insight into the Heterogeneity of Multicellular Fungal Communities. PLoS ONE, 2012, 7, e46243.	1.1	34
48	The mRNA Decay Pathway Regulates the Expression of the Flo11 Adhesin and Biofilm Formation in<i>Saccharomyces cerevisiae</i>. Genetics, 2012, 191, 1387-1391.	1.2	8
49	Cell wall integrity is linked to mitochondria and phospholipid homeostasis in <i>Candida albicans</i> through the activity of the postâ€transcriptional regulator Ccr4â€Pop2. Molecular Microbiology, 2011, 79, 968-989.	1.2	115
50	PUF proteins: repression, activation and mRNA localization. Trends in Cell Biology, 2011, 21, 104-112.	3.6	263
51	Mitochondria and Fungal Pathogenesis: Drug Tolerance, Virulence, and Potential for Antifungal Therapy. Eukaryotic Cell, 2011, 10, 1376-1383.	3.4	198
52	Probing connectivity between transcriptional and post-transcriptional gene networks. Microbiology Australia, 2011, 32, 166.	0.1	0
53	Dual functions of Mdt1 in genome maintenance and cell integrity pathways in <i>Saccharomyces cerevisiae</i>. Yeast, 2010, 27, 41-52.	0.8	7
54	The Yeast PUF Protein Puf5 Has Pop2-Independent Roles in Response to DNA Replication Stress. PLoS ONE, 2010, 5, e10651.	1.1	11

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55	The Ccr4-Pop2-NOT mRNA Deadenylase Contributes to Septin Organization in <i>Saccharomyces cerevisiae</i>. Genetics, 2009, 182, 955-966.	1.2	23
56	Yeast Gal4: a transcriptional paradigm revisited. EMBO Reports, 2006, 7, 496-499.	2.0	163
57	SQ/TQ cluster domains: concentrated ATM/ATR kinase phosphorylation site regions in DNA-damage-response proteins. BioEssays, 2005, 27, 397-407.	1.2	182
58	Mitochondrial dysfunction enhances Gal4-dependent transcription. FEMS Microbiology Letters, 2005, 253, 207-213.	0.7	2
59	Ccr4-Not Complex mRNA Deadenylase Activity Contributes to DNA Damage Responses in Saccharomyces cerevisiae. Genetics, 2005, 169, 65-75.	1.2	47
60	Patterns that Define the Four Domains Conserved in Known and Novel Isoforms of the Protein Import Receptor Tom20. Journal of Molecular Biology, 2005, 347, 81-93.	2.0	53
61	Protein hijacking. Cancer Cell, 2004, 5, 107-108.	7.7	10
62	The Retinoblastoma Family of Proteins Directly Represses Transcription in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2002, 277, 8797-8801.	1.6	5
63	The yeast protein Xtc1 functions as a direct transcriptional repressor. Nucleic Acids Research, 2002, 30, 2358-2364.	6.5	4
64	Interorganellar Communication. Journal of Biological Chemistry, 2001, 276, 4020-4027.	1.6	190