

Paula Sampaio

List of Publications by Year in descending order

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118
papers

3,867
citations

147801
31
h-index

155660
55
g-index

122
all docs

122
docs citations

122
times ranked

5847
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionally Unequal Centrosomes Drive Spindle Orientation in Asymmetrically Dividing <i>Drosophila</i> Neural Stem Cells. <i>Developmental Cell</i> , 2007, 12, 467-474.	7.0	262
2	International Society of Human and Animal Mycology (ISHAM)-ITS reference DNA barcoding database—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	Upregulation of bone cell differentiation through immobilization within a synthetic extracellular matrix. <i>Biomaterials</i> , 2007, 28, 3644-3655.	11.4	139
4	New Microsatellite Multiplex PCR for <i>Candida albicans</i> Strain Typing Reveals Microevolutionary Changes. <i>Journal of Clinical Microbiology</i> , 2005, 43, 3869-3876.	3.9	137
5	<i>Candida bracarensis</i> sp. nov., a novel anamorphic yeast species phenotypically similar to <i>Candida glabrata</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 313-317.	1.7	123
6	MAST/Orbit has a role in microtubule–kinetochore attachment and is essential for chromosome alignment and maintenance of spindle bipolarity. <i>Journal of Cell Biology</i> , 2002, 157, 749-760.	5.2	121
7	Mast, a conserved microtubule-associated protein required for bipolar mitotic spindle organization. <i>EMBO Journal</i> , 2000, 19, 3668-3682.	7.8	106
8	Highly Polymorphic Microsatellite for Identification of <i>Candida albicans</i> Strains. <i>Journal of Clinical Microbiology</i> , 2003, 41, 552-557.	3.9	97
9	The Actin-Binding Protein β -Adducin Is Required for Maintaining Axon Diameter. <i>Cell Reports</i> , 2016, 15, 490-498.	6.4	95
10	Aurora B and Cyclin B Have Opposite Effects on the Timing of Cytokinesis Abscission in <i>Drosophila</i> Germ Cells and in Vertebrate Somatic Cells. <i>Developmental Cell</i> , 2013, 26, 250-265.	7.0	93
11	CagA Associates with β -Met, E-cadherin, and p120-catenin in a Multiproteic Complex That Suppresses <i>Helicobacter pylori</i> -Induced Cell-Invasive Phenotype. <i>Journal of Infectious Diseases</i> , 2009, 200, 745-755.	4.0	89
12	New Polymorphic Microsatellite Markers Able To Distinguish among <i>Candida parapsilosis</i> Sensu Stricto Isolates. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1677-1682.	3.9	76
13	Limited Role of Secreted Aspartyl Proteinases Sap1 to Sap6 in <i>Candida albicans</i> Virulence and Host Immune Response in Murine Hematogenously Disseminated Candidiasis. <i>Infection and Immunity</i> , 2010, 78, 4839-4849.	2.2	69
14	Microtubule-Associated Proteins and Their Essential Roles During Mitosis. <i>International Review of Cytology</i> , 2004, 241, 53-153.	6.2	66
15	Influence of thickness and coatings morphology in the antimicrobial performance of zinc oxide coatings. <i>Applied Surface Science</i> , 2014, 307, 548-557.	6.1	66
16	Participation of <i>Candida albicans</i> Transcription Factor RLM1 in Cell Wall Biogenesis and Virulence. <i>PLoS ONE</i> , 2014, 9, e86270.	2.5	64
17	Development and optimization of a new MALDI-TOF protocol for identification of the <i>Sporothrix</i> species complex. <i>Research in Microbiology</i> , 2015, 166, 102-110.	2.1	61
18	Organized microtubule arrays in β -tubulin-depleted <i>Drosophila</i> spermatocytes. <i>Current Biology</i> , 2001, 11, 1788-1793.	3.9	58

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19	β -Tubulin ring complexes regulate microtubule plus end dynamics. Journal of Cell Biology, 2009, 187, 327-334.	5.2	54
20	Optimization of nanocomposite Au/TiO ₂ thin films towards LSPR optical-sensing. Applied Surface Science, 2018, 438, 74-83.	6.1	54
21	Matrix-assisted laser desorption/ionization time-of-flight intact cell mass spectrometry to detect emerging pathogenic Candida species. Diagnostic Microbiology and Infectious Disease, 2011, 71, 304-308.	1.8	53
22	The membrane periodic skeleton is an actomyosin network that regulates axonal diameter and conduction. ELife, 2020, 9, .	6.0	53
23	The Drosophila CLASP homologue, Mast/Orbit regulates the dynamic behaviour of interphase microtubules by promoting the pause state. Cytoskeleton, 2007, 64, 605-620.	4.4	51
24	Rapid Identification of Sporothrix Species by T3B Fingerprinting. Journal of Clinical Microbiology, 2012, 50, 2159-2162.	3.9	47
25	The Drosophila β -Tubulin Small Complex Subunit Dgrip84 Is Required for Structural and Functional Integrity of the Spindle Apparatus. Molecular Biology of the Cell, 2006, 17, 272-282.	2.1	45
26	Candida glabrata susceptibility to antifungals and phagocytosis is modulated by acetate. Frontiers in Microbiology, 2015, 6, 919.	3.5	45
27	The <i>Leishmania infantum</i> cytosolic SIR2-related protein 1 (LiSIR2RP1) is an NAD ⁺ -dependent deacetylase and ADP-ribosyltransferase. Biochemical Journal, 2008, 415, 377-386.	3.7	40
28	Microsatellite multilocus genotyping clarifies the relationship of Candida parapsilosis strains involved in a neonatal intensive care unit outbreak. Diagnostic Microbiology and Infectious Disease, 2011, 71, 159-162.	1.8	40
29	Wavelength encoded analytical imaging and fiber optic sensing with pH sensitive CdTe quantum dots. Talanta, 2010, 80, 1932-1938.	5.5	39
30	The Drosophila Bub3 protein is required for the mitotic checkpoint and for normal accumulation of cyclins during G2 and early stages of mitosis. Journal of Cell Science, 2005, 118, 187-198.	2.0	38
31	Application of MALDI-TOF MS for requalification of a Candida clinical isolates culture collection. Brazilian Journal of Microbiology, 2014, 45, 515-522.	2.0	35
32	Relevance of Macrophage Extracellular Traps in C. albicans Killing. Frontiers in Immunology, 2019, 10, 2767.	4.8	34
33	Anti-Inflammatory and Immunoregulatory Action of Sesquiterpene Lactones. Molecules, 2022, 27, 1142.	3.8	34
34	Isolates from hospital environments are the most virulent of the Candida parapsilosis complex. BMC Microbiology, 2011, 11, 180.	3.3	33
35	Study of Molecular Epidemiology of Candidiasis in Portugal by PCR Fingerprinting of Candida Clinical Isolates. Journal of Clinical Microbiology, 2004, 42, 5899-5903.	3.9	31
36	Fungal infections diagnosis – Past, present and future. Research in Microbiology, 2022, 173, 103915.	2.1	31

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37	Transient Complex Interactions of Mammalian Peroxisomes Without Exchange of Matrix or Membrane Marker Proteins. <i>Traffic</i> , 2012, 13, 960-978.	2.7	30
38	Different scenarios for <i>Candida parapsilosis</i> fungaemia reveal high numbers of mixed <i>C. parapsilosis</i> and <i>Candida orthopsilosis</i> infections. <i>Journal of Medical Microbiology</i> , 2015, 64, 7-17.	1.8	30
39	Analysis of clinical and environmental <i>Candida parapsilosis</i> isolates by microsatellite genotyping—a tool for hospital infection surveillance. <i>Clinical Microbiology and Infection</i> , 2015, 21, 954.e1-954.e8.	6.0	29
40	Nanocomposite thin films based on Au-Ag nanoparticles embedded in a CuO matrix for localized surface plasmon resonance sensing. <i>Applied Surface Science</i> , 2019, 484, 152-168.	6.1	29
41	Coherent-hybrid STED: high contrast sub-diffraction imaging using a bi-vortex depletion beam. <i>Optics Express</i> , 2019, 27, 8092.	3.4	29
42	Epidemiology of candidemia in oncology patients: a 6-year survey in a Portuguese central hospital. <i>Medical Mycology</i> , 2010, 48, 346-354.	0.7	28
43	Supramolecular assembled nanogel made of mannan. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 97-108.	9.4	27
44	Myo regulates oligodendrocyte differentiation via modulation of actin cytoskeleton dynamics. <i>Glia</i> , 2018, 66, 1826-1844.	4.9	27
45	Gold nanoparticle delivery-enhanced proteasome inhibitor effect in adenocarcinoma cells. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1345-1352.	5.0	26
46	Imidazole-grafted chitosan-mediated gene delivery: <i>in vitro</i> study on transfection, intracellular trafficking and degradation. <i>Nanomedicine</i> , 2011, 6, 1499-1512.	3.3	25
47	First autochthonous case of sporotrichosis by <i>Sporothrix globosa</i> in Portugal. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 78, 388-390.	1.8	25
48	DODAB: monoolein liposomes containing <i>Candida albicans</i> cell wall surface proteins: A novel adjuvant and delivery system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 190-200.	4.3	25
49	Increased number of glutamine repeats in the C-terminal of <i>Candida albicans</i> Rlm1p enhances the resistance to stress agents. <i>Antonie Van Leeuwenhoek</i> , 2009, 96, 395-404.	1.7	24
50	Plasmacytoid and conventional dendritic cells are early producers of IL-12 in <i>Neospora caninum</i> -infected mice. <i>Immunology and Cell Biology</i> , 2010, 88, 79-86.	2.3	24
51	Comparison of IgA, TNF- α and surface tension of the tear film in two different times of the day. <i>Contact Lens and Anterior Eye</i> , 2013, 36, 140-145.	1.7	24
52	Protective effect of antigen delivery using monoolein-based liposomes in experimental hematogenously disseminated candidiasis. <i>Acta Biomaterialia</i> , 2016, 39, 133-145.	8.3	24
53	Modified high-throughput Nile red fluorescence assay for the rapid screening of oleaginous yeasts using acetic acid as carbon source. <i>BMC Microbiology</i> , 2020, 20, 60.	3.3	24
54	Lack of Tyrosine 320 Impairs Spontaneous Endocytosis and Enhances Release of HLA-B27 Molecules. <i>Journal of Immunology</i> , 2006, 176, 2942-2949.	0.8	23

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55	The Role of <i>Candida albicans</i> Transcription Factor RLM1 in Response to Carbon Adaptation. <i>Frontiers in Microbiology</i> , 2018, 9, 1127.	3.5	23
56	Dynein and Mast/Orbit/CLASP have antagonistic roles in regulating kinetochore-microtubule plus-end dynamics. <i>Journal of Cell Science</i> , 2009, 122, 2543-2553.	2.0	22
57	Virulence Attenuation of <i>Candida albicans</i> Genetic Variants Isolated from a Patient with a Recurrent Bloodstream Infection. <i>PLoS ONE</i> , 2010, 5, e10155.	2.5	22
58	New integrative computational approaches unveil the <i>Saccharomyces cerevisiae</i> pheno-metabolomic fermentative profile and allow strain selection for winemaking. <i>Food Chemistry</i> , 2016, 211, 509-520.	8.2	22
59	Evaluation of cell activation promoted by tantalum and tantalum oxide coatings deposited by reactive DC magnetron sputtering. <i>Surface and Coatings Technology</i> , 2017, 330, 260-269.	4.8	22
60	Development of flange and reticulate wall ingrowths in maize (<i>Zea mays</i> L.) endosperm transfer cells. <i>Protoplasma</i> , 2013, 250, 495-503.	2.1	21
61	Characterisation of the osteoclastogenic potential of human osteoblastic and fibroblastic conditioned media. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 205-216.	2.6	20
62	Microsatellite typing identifies the major clades of the human pathogen <i>Candida albicans</i> . <i>Infection, Genetics and Evolution</i> , 2010, 10, 697-702.	2.3	20
63	Biological behaviour of thin films consisting of Au nanoparticles dispersed in a TiO ₂ dielectric matrix. <i>Vacuum</i> , 2015, 122, 360-368.	3.5	20
64	Multicenter Collaborative Study for Standardization of <i>Candida albicans</i> Genotyping Using a Polymorphic Microsatellite Marker. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2578-2581.	3.9	19
65	Intracellular Trafficking of AIP56, an NF- κ B-Cleaving Toxin from <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . <i>Infection and Immunity</i> , 2014, 82, 5270-5285.	2.2	19
66	Imprinted Fluorescent Cellulose Membranes for the On-Site Detection of Myoglobin in Biological Media. <i>ACS Applied Bio Materials</i> , 2021, 4, 4224-4235.	4.6	19
67	A new method for yeast phagocytosis analysis by flow cytometry. <i>Journal of Microbiological Methods</i> , 2014, 101, 56-62.	1.6	17
68	Single Cell Oil Production by Oleaginous Yeasts Grown in Synthetic and Waste-Derived Volatile Fatty Acids. <i>Microorganisms</i> , 2020, 8, 1809.	3.6	17
69	Evaluation of T3B fingerprinting for identification of clinical and environmental <i>Sporothrix</i> species. <i>FEMS Microbiology Letters</i> , 2015, 362, .	1.8	16
70	In vivo localisation of the mitotic POLO kinase shows a highly dynamic association with the mitotic apparatus during early embryogenesis in <i>Drosophila</i> . <i>Biology of the Cell</i> , 1999, 91, 585-596.	2.0	16
71	Time-lapse recording of centrosomes and other organelles in <i>Drosophila</i> neuroblasts. <i>Methods in Cell Biology</i> , 2015, 129, 301-315.	1.1	15
72	Genomic and transcriptomic analysis of <i>Saccharomyces cerevisiae</i> isolates with focus in succinic acid production. <i>FEMS Yeast Research</i> , 2017, 17, .	2.3	15

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73	Multiplex PCR Based Strategy for Detection of Fungal Pathogen DNA in Patients with Suspected Invasive Fungal Infections. Journal of Fungi (Basel, Switzerland), 2020, 6, 308.	3.5	15
74	Production of Dicarboxylic Acid Platform Chemicals Using Yeasts. , 2016, , 237-269.		14
75	Effect of three months of soft contact lens wear on conjunctival cytology. Australasian journal of optometry, The, 2016, 99, 336-341.	1.3	14
76	Antifungal activity of ZnO thin films prepared by glancing angle deposition. Thin Solid Films, 2019, 687, 137461.	1.8	14
77	A study of some hepatic immunological markers, iron load and virus genotype in chronic hepatitis C. Journal of Hepatology, 2004, 41, 319-326.	3.7	13
78	Cytochemical and ultrastructural study of anoikis and secondary necrosis in enterocytes detached in vivo. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1069-1083.	4.9	13
79	Lignification of developing maize (Zea mays L.) endosperm transfer cells and starchy endosperm cells. Frontiers in Plant Science, 2014, 5, 102.	3.6	13
80	Microfluidic-based platform to mimic the <i>in vivo</i> peripheral administration of neurotropic nanoparticles. Nanomedicine, 2016, 11, 3205-3221.	3.3	13
81	Epidemiology of candidemia in oncology patients: a 6-year survey in a Portuguese central hospital. Medical Mycology, 2010, 48, 1-10.	0.7	13
82	Higher IL-6 peri-tumoural expression is associated with gastro-intestinal neuroendocrine tumour progression. Pathology, 2019, 51, 593-599.	0.6	12
83	Oral <i>Candida albicans</i> colonization in healthy individuals: prevalence, genotypic diversity, stability along time and transmissibility. Journal of Oral Microbiology, 2020, 12, 1820292.	2.7	11
84	Development and Characterization of Ag_2O -Doped ZnLB Glasses and Biological Assessment of Ag_2O - ZnLB -Hydroxyapatite Composites. Journal of the American Ceramic Society, 2012, 95, 2732-2740.	3.8	10
85	Multilocus microsatellite analysis of European and African <i>Candida glabrata</i> isolates. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 885-892.	2.9	10
86	Development and Characterization of Monoolein-Based Liposomes of Carvacrol, Cinnamaldehyde, Citral, or Thymol with Anti- <i>Candida</i> Activities. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	10
87	Cellulose-based hydrogel on quantum dots with molecularly imprinted polymers for the detection of CA19-9 protein cancer biomarker. Mikročimica Acta, 2022, 189, 134.	5.0	10
88	Goblet cell density association with tear function and ocular surface physiology. Contact Lens and Anterior Eye, 2015, 38, 240-244.	1.7	9
89	Protein-Based Films Functionalized with a Truncated Antimicrobial Peptide Sequence Display Broad Antimicrobial Activity. ACS Biomaterials Science and Engineering, 2021, 7, 451-461.	5.2	9
90	Genetic relatedness and antifungal susceptibility profile of <i>Candida albicans</i> isolates from fungaemia patients. Medical Mycology, 2011, 49, 248-252.	0.7	8

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91	Candida bracarensis: Evaluation of Virulence Factors and its Tolerance to Amphotericin B and Fluconazole. Mycopathologia, 2015, 180, 305-315.	3.1	8
92	Development of biocompatible plasmonic thin films composed of noble metal nanoparticles embedded in a dielectric matrix to enhance Raman signals. Applied Surface Science, 2019, 496, 143701.	6.1	8
93	<p>Optical fiber-based sensing method for nanoparticle detection through supervised back-scattering analysis: a potential contributor for biomedicine</p>. International Journal of Nanomedicine, 2019, Volume 14, 2349-2369.	6.7	8
94	iLoF: An intelligent Lab on Fiber Approach for Human Cancer Single-Cell Type Identification. Scientific Reports, 2020, 10, 3171.	3.3	8
95	Waste-derived volatile fatty acids as carbon source for added-value fermentation approaches. FEMS Microbiology Letters, 2021, 368, .	1.8	8
96	Conformation-sensitive antibody reveals an altered cytosolic PAS/CNBh assembly during hERG channel gating. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
97	Genetic Variability ofCandida albicansSap8 Propeptide in Isolates from Different Types of Infection. BioMed Research International, 2015, 2015, 1-8.	1.9	6
98	Ploidy Determination in the Pathogenic Fungus Sporothrix spp.. Frontiers in Microbiology, 2019, 10, 284.	3.5	6
99	Effect of microstructural changes in the biological behavior of magnetron sputtered ZnO thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	2.1	6
100	Surface Properties and Osteoblastic Cytocompatibility of Two Blasted and Acid-Etched Titanium Implant Systems with Distinct Microtopography. Journal of Oral & Maxillofacial Research, 2012, 3, e4.	1.0	6
101	Immobilization of Streptavidin on a Plasmonic Au-TiO2 Thin Film towards an LSPR Biosensing Platform. Nanomaterials, 2022, 12, 1526.	4.1	6
102	Epidemiology of Invasive Candidiasis and Challenges for the Mycology Laboratory: Specificities of Candida glabrata. Current Clinical Microbiology Reports, 2014, 1, 1-9.	3.4	5
103	Forecasting COVID-19 Severity by Intelligent Optical Fingerprinting of Blood Samples. Diagnostics, 2021, 11, 1309.	2.6	5
104	High variability within Candida albicans transcription factor RLM1: Isolates from vulvovaginal infections show a clear bias toward high molecular weight alleles. Medical Mycology, 2018, 56, 649-651.	0.7	3
105	Optimization of a Quantitative PCR Methodology for Detection of Aspergillus spp. and Rhizopus arrhizus. Molecular Diagnosis and Therapy, 2022, 26, 511-525.	3.8	3
106	Encapsulation of a proteasome inhibitor with gold-polysaccharide nanocarriers. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	2
107	Multiplex PCR system for fungal pathogen detection. Annals of Medicine, 2024, 51, 27-27.	3.8	2
108	Chicken Feather Keratin Peptides for the Control of Keratinocyte Migration. Applied Sciences (Switzerland), 2021, 11, 6779.	2.5	2

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109	Metabolic profile of <i>Candida albicans</i> and <i>Candida parapsilosis</i> interactions within dual-species biofilms. FEMS Microbiology Ecology, 2022, 98, .	2.7	1
110	Neurotransmitter vesicle movement dynamics in living neurons. , 2015, 2015, 6265-8.		0
111	Vaccination Against Fungal Diseases: Lessons from <i>Candida albicans</i> . , 2017, , 207-242.		0
112	Advantages of an Automated Method Compared With Manual Methods for the Quantification of Intraepidermal Nerve Fiber in Skin Biopsy. Journal of Neuropathology and Experimental Neurology, 2021, 80, 685-694.	1.7	0
113	Transmission light microscopy. , 0, , .		0
114	Fluorescence and confocal microscopy. , 0, , .		0
115	Studying subcellular signaling events in living microglial cells using fluorescence resonance energy transfer-based nanosensors. , 2017, , 165-179.		0
116	Experimental and theoretical evaluation of the trapping performance of polymeric lensed optical fibers: single biological cells versus synthetic structures. , 2018, , .		0
117	Optical fiber-based sensing method for nanoparticles detection through back-scattering signal analysis. , 2019, , .		0
118	A novel method for scatterers type enumeration in polydisperse suspensions through fiber trapping and unsupervised scattering analysis. , 2019, , .		0