

Paula Sampaio

List of Publications by Year in descending order

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118
papers

3,867
citations

147566

31
h-index

155451

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 Drosophila Neural Stem Cells. <i>Developmental Cell</i> , 2007, 12, 467-474.	3.1	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.	0.3	252
3	Upregulation of bone cell differentiation through immobilization within a synthetic extracellular matrix. <i>Biomaterials</i> , 2007, 28, 3644-3655.	5.7	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.	1.8	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.	0.8	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.	2.3	121
7	Mast, a conserved microtubule-associated protein required for bipolar mitotic spindle organization. <i>EMBO Journal</i> , 2000, 19, 3668-3682.	3.5	106
8	Highly Polymorphic Microsatellite for Identification of <i>Candida albicans</i> Strains. <i>Journal of Clinical Microbiology</i> , 2003, 41, 552-557.	1.8	97
9	The Actin-Binding Protein $\hat{\pm}$ -Adducin Is Required for Maintaining Axon Diameter. <i>Cell Reports</i> , 2016, 15, 490-498.	2.9	95
10	Aurora B and Cyclin B Have Opposite Effects on the Timing of Cytokinesis Abscission in Drosophila Germ Cells and in Vertebrate Somatic Cells. <i>Developmental Cell</i> , 2013, 26, 250-265.	3.1	93
11	CagA Associates with $\hat{\pm}$ Met, E $\hat{\pm}$ Cadherin, and p120 $\hat{\pm}$ 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.	1.9	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.	1.8	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.	1.0	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.	3.1	66
16	Participation of <i>Candida albicans</i> Transcription Factor RLM1 in Cell Wall Biogenesis and Virulence. <i>PLoS ONE</i> , 2014, 9, e86270.	1.1	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.	1.0	61
18	Organized microtubule arrays in $\hat{3}$ -tubulin-depleted Drosophila spermatocytes. <i>Current Biology</i> , 2001, 11, 1788-1793.	1.8	58

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19	β -Tubulin ring complexes regulate microtubule plus end dynamics. <i>Journal of Cell Biology</i> , 2009, 187, 327-334.	2.3	54
20	Optimization of nanocomposite Au/TiO ₂ thin films towards LSPR optical-sensing. <i>Applied Surface Science</i> , 2018, 438, 74-83.	3.1	54
21	Matrix-assisted laser desorption/ionization time-of-flight intact cell mass spectrometry to detect emerging pathogenic <i>Candida</i> species. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 71, 304-308.	0.8	53
22	The membrane periodic skeleton is an actomyosin network that regulates axonal diameter and conduction. <i>ELife</i> , 2020, 9, .	2.8	53
23	The <i>Drosophila</i> CLASP homologue, Mast/Orbit regulates the dynamic behaviour of interphase microtubules by promoting the pause state. <i>Cytoskeleton</i> , 2007, 64, 605-620.	4.4	51
24	Rapid Identification of <i>Sporothrix</i> Species by T3B Fingerprinting. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2159-2162.	1.8	47
25	The <i>Drosophila</i> β -Tubulin Small Complex Subunit Dgrip84 Is Required for Structural and Functional Integrity of the Spindle Apparatus. <i>Molecular Biology of the Cell</i> , 2006, 17, 272-282.	0.9	45
26	<i>Candida glabrata</i> susceptibility to antifungals and phagocytosis is modulated by acetate. <i>Frontiers in Microbiology</i> , 2015, 6, 919.	1.5	45
27	The <i>Leishmania infantum</i> cytosolic SIR2-related protein 1 (LiSIR2RP1) is an NAD ⁺ -dependent deacetylase and ADP-ribosyltransferase. <i>Biochemical Journal</i> , 2008, 415, 377-386.	1.7	40
28	Microsatellite multilocus genotyping clarifies the relationship of <i>Candida parapsilosis</i> strains involved in a neonatal intensive care unit outbreak. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 71, 159-162.	0.8	40
29	Wavelength encoded analytical imaging and fiber optic sensing with pH sensitive CdTe quantum dots. <i>Talanta</i> , 2010, 80, 1932-1938.	2.9	39
30	The <i>Drosophila</i> Bub3 protein is required for the mitotic checkpoint and for normal accumulation of cyclins during G2 and early stages of mitosis. <i>Journal of Cell Science</i> , 2005, 118, 187-198.	1.2	38
31	Application of MALDI-TOF MS for requalification of a <i>Candida</i> clinical isolates culture collection. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 515-522.	0.8	35
32	Relevance of Macrophage Extracellular Traps in <i>C. albicans</i> Killing. <i>Frontiers in Immunology</i> , 2019, 10, 2767.	2.2	34
33	Anti-Inflammatory and Immunoregulatory Action of Sesquiterpene Lactones. <i>Molecules</i> , 2022, 27, 1142.	1.7	34
34	Isolates from hospital environments are the most virulent of the <i>Candida parapsilosis</i> complex. <i>BMC Microbiology</i> , 2011, 11, 180.	1.3	33
35	Study of Molecular Epidemiology of Candidiasis in Portugal by PCR Fingerprinting of <i>Candida</i> Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5899-5903.	1.8	31
36	Fungal infections diagnosis – Past, present and future. <i>Research in Microbiology</i> , 2022, 173, 103915.	1.0	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.	1.3	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.	0.7	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.	2.8	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.	3.1	29
41	Coherent-hybrid STED: high contrast sub-diffraction imaging using a bi-vortex depletion beam. <i>Optics Express</i> , 2019, 27, 8092.	1.7	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.	0.3	28
43	Supramolecular assembled nanogel made of mannan. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 97-108.	5.0	27
44	Jmy regulates oligodendrocyte differentiation via modulation of actin cytoskeleton dynamics. <i>Glia</i> , 2018, 66, 1826-1844.	2.5	27
45	Gold nanoparticle delivery-enhanced proteasome inhibitor effect in adenocarcinoma cells. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1345-1352.	2.4	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.	1.7	25
47	First autochthone case of sporotrichosis by <i>Sporothrix globosa</i> in Portugal. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 78, 388-390.	0.8	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.	2.0	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.	0.7	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.	1.0	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.	0.8	24
52	Protective effect of antigen delivery using monoolein-based liposomes in experimental hematogenously disseminated candidiasis. <i>Acta Biomaterialia</i> , 2016, 39, 133-145.	4.1	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.	1.3	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.	0.4	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.	1.5	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.	1.2	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.	1.1	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.	4.2	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.	2.2	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.	1.0	21
61	Characterisation of the osteoclastogenic potential of human osteoblastic and fibroblastic conditioned media. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 205-216.	1.2	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.	1.0	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.	1.6	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.	1.8	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.	1.0	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.	2.3	19
67	A new method for yeast phagocytosis analysis by flow cytometry. <i>Journal of Microbiological Methods</i> , 2014, 101, 56-62.	0.7	17
68	Single Cell Oil Production by Oleaginous Yeasts Grown in Synthetic and Waste-Derived Volatile Fatty Acids. <i>Microorganisms</i> , 2020, 8, 1809.	1.6	17
69	Evaluation of T3B fingerprinting for identification of clinical and environmental <i>Sporothrix</i> species. <i>FEMS Microbiology Letters</i> , 2015, 362, .	0.7	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> . , 1999, 91, 585.		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.	0.5	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, .	1.1	15

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73	Multiplex PCR Based Strategy for Detection of Fungal Pathogen DNA in Patients with Suspected Invasive Fungal Infections. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 308.	1.5	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. <i>Australasian journal of optometry, The</i> , 2016, 99, 336-341.	0.6	14
76	Antifungal activity of ZnO thin films prepared by glancing angle deposition. <i>Thin Solid Films</i> , 2019, 687, 137461.	0.8	14
77	A study of some hepatic immunological markers, iron load and virus genotype in chronic hepatitis C. <i>Journal of Hepatology</i> , 2004, 41, 319-326.	1.8	13
78	Cytochemical and ultrastructural study of anoikis and secondary necrosis in enterocytes detached in vivo. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 1069-1083.	2.2	13
79	Lignification of developing maize (<i>Zea mays</i> L.) endosperm transfer cells and starchy endosperm cells. <i>Frontiers in Plant Science</i> , 2014, 5, 102.	1.7	13
80	Microfluidic-based platform to mimic the <i>in vivo</i> peripheral administration of neurotropic nanoparticles. <i>Nanomedicine</i> , 2016, 11, 3205-3221.	1.7	13
81	Epidemiology of candidemia in oncology patients: a 6-year survey in a Portuguese central hospital. <i>Medical Mycology</i> , 2010, 48, 1-10.	0.3	13
82	Higher IL-6 peri-tumoural expression is associated with gastro-intestinal neuroendocrine tumour progression. <i>Pathology</i> , 2019, 51, 593-599.	0.3	12
83	Oral <i>Candida albicans</i> colonization in healthy individuals: prevalence, genotypic diversity, stability along time and transmissibility. <i>Journal of Oral Microbiology</i> , 2020, 12, 1820292.	1.2	11
84	Development and Characterization of Ag_2O -Doped ZnO Glasses and Biological Assessment of Ag_2O - ZnO -Hydroxyapatite Composites. <i>Journal of the American Ceramic Society</i> , 2012, 95, 2732-2740.	1.9	10
85	Multilocus microsatellite analysis of European and African <i>Candida glabrata</i> isolates. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 885-892.	1.3	10
86	Development and Characterization of Monoolein-Based Liposomes of Carvacrol, Cinnamaldehyde, Citral, or Thymol with Anti- <i>Candida</i> Activities. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	10
87	Cellulose-based hydrogel on quantum dots with molecularly imprinted polymers for the detection of CA19-9 protein cancer biomarker. <i>Mikrochimica Acta</i> , 2022, 189, 134.	2.5	10
88	Goblet cell density association with tear function and ocular surface physiology. <i>Contact Lens and Anterior Eye</i> , 2015, 38, 240-244.	0.8	9
89	Protein-Based Films Functionalized with a Truncated Antimicrobial Peptide Sequence Display Broad Antimicrobial Activity. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 451-461.	2.6	9
90	Genetic relatedness and antifungal susceptibility profile of <i>Candida albicans</i> isolates from fungaemia patients. <i>Medical Mycology</i> , 2011, 49, 248-252.	0.3	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.	1.3	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.	3.1	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.	3.3	8
94	iLoF: An intelligent Lab on Fiber Approach for Human Cancer Single-Cell Type Identification. Scientific Reports, 2020, 10, 3171.	1.6	8
95	Waste-derived volatile fatty acids as carbon source for added-value fermentation approaches. FEMS Microbiology Letters, 2021, 368, .	0.7	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, .	3.3	8
97	Genetic Variability ofCandida albicansSap8 Propeptide in Isolates from Different Types of Infection. BioMed Research International, 2015, 2015, 1-8.	0.9	6
98	Ploidy Determination in the Pathogenic Fungus Sporothrix spp.. Frontiers in Microbiology, 2019, 10, 284.	1.5	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, .	0.9	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.	0.3	6
101	Immobilization of Streptavidin on a Plasmonic Au-TiO2 Thin Film towards an LSPR Biosensing Platform. Nanomaterials, 2022, 12, 1526.	1.9	6
102	Epidemiology of Invasive Candidiasis and Challenges for the Mycology Laboratory: Specificities of Candida glabrata. Current Clinical Microbiology Reports, 2014, 1, 1-9.	1.8	5
103	Forecasting COVID-19 Severity by Intelligent Optical Fingerprinting of Blood Samples. Diagnostics, 2021, 11, 1309.	1.3	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.	0.3	3
105	Optimization of a Quantitative PCR Methodology for Detection of Aspergillus spp. and Rhizopus arrhizus. Molecular Diagnosis and Therapy, 2022, 26, 511-525.	1.6	3
106	Encapsulation of a proteasome inhibitor with gold-polysaccharide nanocarriers. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	2
107	Multiplex PCR system for fungal pathogen detection. Annals of Medicine, 2024, 51, 27-27.	1.5	2
108	Chicken Feather Keratin Peptides for the Control of Keratinocyte Migration. Applied Sciences (Switzerland), 2021, 11, 6779.	1.3	2

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109	Metabolic profile of <i>Candida albicans</i> and <i>Candida parapsilosis</i> interactions within dual-species biofilms. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	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. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 685-694.	0.9	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