Ana L Fachin

List of Publications by Year
in descending order

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86 papers	2,136 citations	201674 27 h-index	265206 42 g-index
86 all docs	86 docs citations	86 times ranked	2801 citing authors

#	Article	IF	Citations
1	Transcriptional Profiles of the Human Pathogenic Fungus Paracoccidioides brasiliensis in Mycelium and Yeast Cells. Journal of Biological Chemistry, 2005, 280, 24706-24714.	3.4	169
2	Role of the ABC transporter TruMDR2 in terbinafine, 4-nitroquinoline N-oxide and ethidium bromide susceptibility in Trichophyton rubrum. Journal of Medical Microbiology, 2006, 55, 1093-1099.	1.8	104
3	The pH signaling transcription factor PacC mediates the growth ofTrichophyton rubrumon human nailin vitro. Medical Mycology, 2006, 44, 641-645.	0.7	85
4	Cytotoxicity of trans-chalcone and licochalcone A against breast cancer cells is due to apoptosis induction and cell cycle arrest. Biomedicine and Pharmacotherapy, 2017, 85, 425-433.	5.6	76
5	Thymus vulgaris L. essential oil and its main component thymol: Anthelmintic effects against Haemonchus contortus from sheep. Veterinary Parasitology, 2016, 228, 70-76.	1.8	74
6	Roles of Histone Deacetylases and Inhibitors in Anticancer Therapy. Cancers, 2020, 12, 1664.	3.7	74
7	Gene Expression Profiles in Radiation Workers Occupationally Exposed to Ionizing Radiation. Journal of Radiation Research, 2009, 50, 61-71.	1.6	73
8	Early transcriptional response of Paracoccidioides brasiliensis upon internalization by murine macrophages. Microbes and Infection, 2007, 9, 583-590.	1.9	65
9	Influence of catechol-O-methyltransferase (COMT) gene polymorphisms in pain sensibility of Brazilian fibromialgia patients. Rheumatology International, 2012, 32, 427-430.	3.0	65
10	Gene Expression Profiles in Human Lymphocytes Irradiated In Vitro with Low Doses of Gamma Rays. Radiation Research, 2007, 168, 650.	1.5	59
11	Antidermatophytic and antileishmanial activities of essential oils from Lippia gracilis Schauer genotypes. Acta Tropica, 2013, 128, 110-115.	2.0	55
12	Trans-chalcone and quercetin down-regulate fatty acid synthase gene expression and reduce ergosterol content in the human pathogenic dermatophyte Trichophyton rubrum. BMC Complementary and Alternative Medicine, 2013, 13, 229.	3.7	54
13	Gene expression profiles in human cells submitted to genotoxic stress. Mutation Research - Reviews in Mutation Research, 2003, 544, 403-413.	5.5	53
14	Typical Monoterpenes as Insecticides and Repellents against Stored Grain Pests. Molecules, 2016, 21, 258.	3.8	52
15	Polimorfismos dos genes do receptor de serotonina (5-HT2A) e da catecol-O-metiltransferase (COMT): fatores desencadeantes da fibromialgia?. Revista Brasileira De Reumatologia, 2010, 50, 141-145.	0.8	46
16	Molecular cloning and characterization of a novel ABC transporter gene in the human pathogenTrichophyton rubrum. Medical Mycology, 2006, 44, 141-147.	0.7	44
17	In vitro susceptibility ofTrichophyton rubrum isolates to griseofulvin and tioconazole. Induction and isolation of a resistant mutant to both antimycotic drugs. Mycopathologia, 1996, 135, 141-143.	3.1	41
18	Epidemiology and Diagnostic Perspectives of Dermatophytoses. Journal of Fungi (Basel, Switzerland), 2020, 6, 310.	3.5	40

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19	Dual RNA-Seq Analysis of Trichophyton rubrum and HaCat Keratinocyte Co-Culture Highlights Important Genes for Fungal-Host Interaction. Genes, 2018, 9, 362.	2.4	38
20	Transcription profile of Trichophyton rubrum conidia grown on keratin reveals the induction of an adhesin-like protein gene with a tandem repeat pattern. BMC Genomics, 2016, 17, 249.	2.8	36
21	Membrane transporter proteins are involved in Trichophyton rubrum pathogenesis. Journal of Medical Microbiology, 2009, 58, 163-168.	1.8	32
22	Antiproliferative activity and p53 upregulation effects of chalcones on human breast cancer cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1093-1099.	5.2	32
23	Anti-cancer activity of trans -chalcone in osteosarcoma: Involvement of Sp1 and p53. Molecular Carcinogenesis, 2016, 55, 1438-1448.	2.7	31
24	Antiproliferative and pro-apoptotic activities of 2â€²- and 4â€²-aminochalcones against tumor canine cells. European Journal of Medicinal Chemistry, 2017, 138, 884-889.	5.5	31
25	Chalcones Repressed the AURKA and MDR Proteins Involved in Metastasis and Multiple Drug Resistance in Breast Cancer Cell Lines. Molecules, 2018, 23, 2018.	3.8	30
26	Promiscuous Gene Expression in the Thymus: The Root of Central Tolerance. Clinical and Developmental Immunology, 2006, 13, 81-99.	3.3	28
27	Transcriptional response of murine macrophages upon infection with opsonized Paracoccidioides brasiliensis yeast cells. Microbes and Infection, 2008, 10, 12-20.	1.9	28
28	Chalcone Derivatives 4â€²-Amino-1-Naphthyl-Chalcone (D14) and 4â€²-Amino-4-Methyl-1-Naphthyl-Chalcone (D15) Suppress Migration and Invasion of Osteosarcoma Cells Mediated by p53 Regulating EMT-Related Genes. International Journal of Molecular Sciences, 2018, 19, 2838.	4.1	28
29	Cytotoxicity and genotoxicity of coronaridine from Tabernaemontana catharinensis A.DC in a human laryngeal epithelial carcinoma cell line (Hep-2). Genetics and Molecular Biology, 2013, 36, 105-110.	1.3	27
30	Gene Expression Response ofTrichophyton rubrumduring Coculture on Keratinocytes Exposed to Antifungal Agents. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-7.	1.2	27
31	Serotonin receptor (5-HT 2A) and catechol-O-methyltransferase (COMT) gene polymorphisms: triggers of fibromyalgia?. Revista Brasileira De Reumatologia, 2010, 50, 141-9.	0.8	25
32	Caffeic acid and licochalcone A interfere with the glyoxylate cycle of Trichophyton rubrum. Biomedicine and Pharmacotherapy, 2017, 96, 1389-1394.	5.6	24
33	Curcumin Analog CH-5 Suppresses the Proliferation, Migration, and Invasion of the Human Gastric Cancer Cell Line HGC-27. Molecules, 2018, 23, 279.	3.8	23
34	Comprehensive gene expression profiling in lungs of mice infected with Mycobacterium tuberculosis following DNAhsp65 immunotherapy. Journal of Gene Medicine, 2009, 11, 66-78.	2.8	22
35	The non-coding RNA BC1 is down-regulated in the hippocampus of Wistar Audiogenic Rat (WAR) strain after audiogenic kindling. Brain Research, 2011, 1367, 114-121.	2.2	22
36	Anxiety: A Systematic Review of Neurobiology, Traditional Pharmaceuticals and Novel Alternatives from Medicinal Plants. CNS and Neurological Disorders - Drug Targets, 2014, 13, 150-165.	1.4	22

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37	Cell cultures of Maytenus ilicifolia Mart. are richer sources of quinone-methide triterpenoids than plant roots in natura. Plant Cell, Tissue and Organ Culture, 2014, 118, 33-43.	2.3	21
38	Essential oils of Citrus aurantifolia, Anthemis nobile and Lavandula officinalis: in vitro anthelmintic activities against Haemonchus contortus. Parasites and Vectors, 2018, 11, 269.	2.5	21
39	Transcriptional changes in U343 MG-a glioblastoma cell line exposed to ionizing radiation. Human and Experimental Toxicology, 2008, 27, 919-929.	2.2	19
40	Changes in bacterial community after application of three different herbicides. FEMS Microbiology Letters, 2017, 364, .	1.8	19
41	Cell organisation, sulphur metabolism and ion transport-related genes are differentially expressed in Paracoccidioides brasiliensis mycelium and yeast cells. BMC Genomics, 2006, 7, 208.	2.8	18
42	Alterations in gene expression profiles correlated with cisplatin cytotoxicity in the glioma U343 cell line. Genetics and Molecular Biology, 2010, 33, 159-168.	1.3	17
43	Trans-chalcone increases p53 activity via DNAJB1/HSP40 induction and CRM1 inhibition. PLoS ONE, 2018, 13, e0202263.	2.5	17
44	Antimicrobial activities of indole alkaloids from Tabernaemontana catharinensis. Natural Product Communications, 2011, 6, 193-6.	0.5	16
45	The Curcumin Analog CH-5 Exerts Anticancer Effects in Human Osteosarcoma Cells via Modulation of Transcription Factors p53/Sp1. International Journal of Molecular Sciences, 2018, 19, 1909.	4.1	15
46	Gene Expression Profiles Stratified according to Type 1 Diabetes Mellitus Susceptibility Regions. Annals of the New York Academy of Sciences, 2008, 1150, 282-289.	3.8	13
47	Shared and Unique Gene Expression in Systemic Lupus Erythematosus Depending on Disease Activity. Annals of the New York Academy of Sciences, 2009, 1173, 493-500.	3.8	13
48	Geographical variation and quality assessment of Stryphnodendron adstringens (Mart.) Coville within Brazil. Genetic Resources and Crop Evolution, 2012, 59, 1349-1356.	1.6	13
49	In Vitro Action of Flavonoids in the Canine Malignant Histiocytic Cell Line DH82. Molecules, 2013, 18, 15448-15463.	3.8	13
50	HacA Governs Virulence Traits and Adaptive Stress Responses in Trichophyton rubrum. Frontiers in Microbiology, 2020, 11, 193.	3.5	13
51	Atividade antioxidante de Jacaranda decurrens Cham., Bignoniaceae. Revista Brasileira De Farmacognosia, 2009, 19, 592-598.	1.4	12
52	The epimer of kaurenoic acid from Croton antisyphiliticus is cytotoxic toward B-16 and HeLa tumor cells through apoptosis induction. Genetics and Molecular Research, 2013, 12, 1005-1011.	0.2	12
53	Pothomorphe umbellata : Antifungal activity against strains of Trichophyton rubrum. Journal De Mycologie Medicale, 2012, 22, 265-269.	1.5	11
54	Loop-mediated isothermal amplification assay for the detection of Ehrlichia canis DNA in blood samples from dogs. Archivos De Medicina Veterinaria, 2013, 45, 197-201.	0.2	11

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55	The Transcriptional Profile of Trichophyton rubrum Co-Cultured with Human Keratinocytes Shows New Insights about Gene Modulation by Terbinafine. Pathogens, 2019, 8, 274.	2.8	11
56	Cellular and Molecular Response of Macrophages THP-1 during Co-Culture with Inactive Trichophyton rubrum Conidia. Journal of Fungi (Basel, Switzerland), 2020, 6, 363.	3.5	11
57	Electrophoretic molecular karyotype of the dermatophyte Trichophyton rubrum. Genetics and Molecular Biology, 2004, 27, 99-102.	1.3	10
58	Delayed effects of exposure to a moderate radiation dose on transcription profiles in human primary fibroblasts. Environmental and Molecular Mutagenesis, 2011, 52, 117-129.	2.2	9
59	Trans-chalcone activity against Trichophyton rubrum relies on an interplay between signaling pathways related to cell wall integrity and fatty acid metabolism. BMC Genomics, 2019, 20, 411.	2.8	9
60	Trans-chalcone suppresses tumor growth mediated at least in part by the induction of heme oxygenase-1 in breast cancer. Toxicological Research, 2021, 37, 485-493.	2.1	9
61	The gene that determines resistance to tioconazole and to acridine derivatives in Aspergillus nidulans may have a corresponding gene in Trichophyton rubrum. Mycopathologia, 1998, 143, 71-75.	3.1	8
62	Antimicrobial Activities of Indole Alkaloids from Tabernaemontana catharinensis. Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	7
63	Real-time PCR-based study of haemotrophic mycoplasmas in dogs from RibeirÃ£o Preto, Brazil. Archivos De Medicina Veterinaria, 2014, 46, 333-336.	0.2	7
64	Metabolism Genes Are among the Differentially Expressed Ones Observed in Lymphomononuclear Cells of Recently Diagnosed Type 1 Diabetes Mellitus Patients. Annals of the New York Academy of Sciences, 2006, 1079, 171-176.	3.8	6
65	Using cDNA microarrays to identify human CD19+ B cell gene products (ESTs) originated from systemic lupus erythematosus susceptibility loci. Autoimmunity Reviews, 2006, 5, 319-323.	5.8	5
66	Isolation of flavonoids from Anemopaegma arvense (Vell) Stellf. ex de Souza and their antifungal activity against Trichophyton rubrum. Brazilian Journal of Pharmaceutical Sciences, 2013, 49, 559-565.	1.2	5
67	Development, Characterization and Cell Viability Inhibition of PVA Spheres Loaded with Doxorubicin and 4â€²-Amino-1-Naphthyl-Chalcone (D14) for Osteosarcoma. Polymers, 2021, 13, 2611.	4.5	5
68	Is HLA Class II Profile Relevant for the Study of Large-Scale Differentially Expressed Genes in Type 1 Diabetes Mellitus Patients?. Annals of the New York Academy of Sciences, 2006, 1079, 305-309.	3.8	4
69	In silico characterization of tandem repeats in Trichophyton rubrum and related dermatophytes provides new insights into their role in pathogenesis. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	3.0	4
70	Expression of genes containing tandem repeat patterns involved in the fungalâ€host interaction and in the response to antifungals in Trichophyton rubrum. Mycoses, 2020, 63, 610-616.	4.0	4
71	cDNA microarray analysis of cyclosporin A (CsA)-treated human peripheral blood mononuclear cells reveal modulation of genes associated with apoptosis, cell-cycle regulation and DNA repair. Molecular and Cellular Biochemistry, 2007, 304, 235-241.	3.1	3
72	Presence of Î²-Lactamase Encoding Genes inBurkholderia cepaciaComplex Isolated from Soil. Microbial Drug Resistance, 2018, 24, 347-352.	2.0	3

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73	Cytotoxic effect of jasmonate and methyl jasmonate on a canine macrophage tumor cell line. Revista Brasileira De Plantas Medicinais, 2012, 14, 122-124.	0.3	2
74	Development and evaluation of a loop-mediated isothermal amplification assay for detection of Ehrlichia canis DNA in naturally infected dogs using the p30 gene. Genetics and Molecular Research, 2015, 14, 17885-17892.	0.2	2
75	Genomic Instability:Signaling Pathways Orchestrating the Responsesto Ionizing Radiation and Cisplatin. Genome Dynamics and Stability, 2005, , 423-452.	1.1	1
76	CANCROX: a cross-species cancer therapy database. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	1
77	Pharmacological characterisation of anticonvulsant effects elicited by erythrartine. Journal of Pharmacy and Pharmacology, 2021, 73, 93-97.	2.4	1
78	Occurrence of TRGV-BJ hybrid gene in SV40-transformed fibroblast cell lines. Genetica, 2009, 136, 471-478.	1.1	0
79	Genetic variability among natural populations of Zaprionus indianus (Drosophilidae) in the States of SÃ£o Paulo and Minas Gerais, Brazil. Genetics and Molecular Research, 2010, 9, 1504-1512.	0.2	0
80	Effect of chalcones in the modulation of Trichophyton rubrum cell wall synthesis genes. BMC Proceedings, 2014, 8, .	1.6	0
81	Cytotoxic activity of glycoalkaloids extract from fruits of Solanum lycocarpum A. St.-Hil. BMC Proceedings, 2014, 8, P7.	1.6	0
82	Curcumin-cinnamaldehyde hybrids as antiproliferative agents against womenâ€™s cancer cells. Medicinal Chemistry Research, 0, , 1.	2.4	0
83	Transcriptome of Hostâ€“Dermatophyte Interactions Using Infection Models. , 2021, , 161-179.		0
84	In silico characterization of three two-component systems of Ehrlichia canis and evaluation of a natural plant-derived inhibitor. Genetics and Molecular Research, 2012, 11, 3576-3584.	0.2	0
85	Abstract 4654: Antitumorigenic activity of trans-chalcone in osteosarcoma. , 2015, , .		0
86	The bZIP Ap1 transcription factor is a negative regulator of virulence attributes of the anthropophilic dermatophyte Trichophyton rubrum. Current Research in Microbial Sciences, 2022, 3, 100132.	2.3	0