

Suely L Gomes

List of Publications by Year in descending order

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172457

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92
docs citations

92
times ranked

5335
citing authors

#	ARTICLE	IF	CITATIONS
19	Environmental stresses inhibit splicing in the aquatic fungus <i>Blastocladiella emersonii</i> . <i>BMC Microbiology</i> , 2009, 9, 231.	3.3	13
20	The transcriptional response to cadmium, organic hydroperoxide, singlet oxygen and UV-A mediated by the σ^E -ChrR system in <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 2009, 72, 1159-1170.	2.5	39
21	Evidence of a Ca^{2+} -NO-cGMP signaling pathway controlling zoospore biogenesis in the aquatic fungus <i>Blastocladiella emersonii</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 575-584.	2.1	38
22	Role of σ^{54} in the regulation of genes involved in type I and type IV pili biogenesis in <i>Xylella fastidiosa</i> . <i>Archives of Microbiology</i> , 2008, 189, 249-261.	2.2	19
23	Expression of genes encoding cytosolic and endoplasmic reticulum HSP90 proteins in the aquatic fungus <i>Blastocladiella emersonii</i> . <i>Gene</i> , 2008, 411, 59-68.	2.2	12
24	The mitochondrial view of <i>Blastocladiella emersonii</i> . <i>Gene</i> , 2008, 424, 33-39.	2.2	14
25	Transcriptome Analysis in Response to Heat Shock and Cadmium in the Aquatic Fungus <i>Blastocladiella emersonii</i> . <i>Eukaryotic Cell</i> , 2007, 6, 1053-1062.	3.4	29
26	The Single Extracytoplasmic-Function Sigma Factor of <i>Xylella fastidiosa</i> Is Involved in the Heat Shock Response and Presents an Unusual Regulatory Mechanism. <i>Journal of Bacteriology</i> , 2007, 189, 551-560.	2.2	27
27	Comparative expression analysis of members of the Hsp70 family in the chytridiomycete <i>Blastocladiella emersonii</i> . <i>Gene</i> , 2007, 386, 24-34.	2.2	17
28	Genome Sequence of <i>Aedes aegypti</i> , a Major Arbovirus Vector. <i>Science</i> , 2007, 316, 1718-1723.	12.6	1,025
29	The ECF sigma factor σ^T is involved in osmotic and oxidative stress responses in <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 2007, 66, 1240-1255.	2.5	96
30	BayGO: Bayesian analysis of ontology term enrichment in microarray data. <i>BMC Bioinformatics</i> , 2006, 7, 86.	2.6	56
31	Comparative EST analysis provides insights into the basal aquatic fungus <i>Blastocladiella emersonii</i> . <i>BMC Genomics</i> , 2006, 7, 177.	2.8	10
32	A <i>Caulobacter crescentus</i> Extracytoplasmic Function Sigma Factor Mediating the Response to Oxidative Stress in Stationary Phase. <i>Journal of Bacteriology</i> , 2006, 188, 1835-1846.	2.2	51
33	Global Gene Expression Analysis of the Heat Shock Response in the Phytopathogen <i>Xylella fastidiosa</i> . <i>Journal of Bacteriology</i> , 2006, 188, 5821-5830.	2.2	37
34	GroES/GroEL and DnaK/DnaJ Have Distinct Roles in Stress Responses and during Cell Cycle Progression in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 2006, 188, 8044-8053.	2.2	130
35	SpotWhatR: a user-friendly microarray data analysis system. <i>Genetics and Molecular Research</i> , 2006, 5, 93-107.	0.2	10
36	Cells lacking ClpB display a prolonged shutoff phase of the heat shock response in <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 2005, 57, 592-603.	2.5	17

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37	Gene Discovery and Expression Profile Analysis through Sequencing of Expressed Sequence Tags from Different Developmental Stages of the Chytridiomycete <i>Blastocladiella emersonii</i> . <i>Eukaryotic Cell</i> , 2005, 4, 455-464.	3.4	21
38	<i>Blastocladiella emersonii</i> expresses a centrin similar to <i>Chlamydomonas reinhardtii</i> isoform not found in late-diverging fungi. <i>FEBS Letters</i> , 2005, 579, 4355-4360.	2.8	5
39	DNA Microarray-Based Genome Comparison of a Pathogenic and a Nonpathogenic Strain of <i>Xylella fastidiosa</i> Delineates Genes Important for Bacterial Virulence. <i>Journal of Bacteriology</i> , 2004, 186, 5442-5449.	2.2	74
40	Functional and Structural Analysis of HrcA Repressor Protein from <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 2004, 186, 6759-6767.	2.2	17
41	Evaluation of Monocot and Eudicot Divergence Using the Sugarcane Transcriptome. <i>Plant Physiology</i> , 2004, 134, 951-959.	4.8	38
42	Insertional Transposon Mutagenesis in the <i>Xylella fastidiosa</i> Citrus Variegated Chlorosis Strain with Transposome. <i>Current Microbiology</i> , 2004, 48, 247-250.	2.2	7
43	Downregulation of the heat shock response is independent of DnaK and σ^{32} levels in <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 2003, 49, 541-553.	2.5	31
44	Oxidative damage to ferritin by 5-aminolevulinic acid. <i>Archives of Biochemistry and Biophysics</i> , 2003, 409, 349-356.	3.0	53
45	Analysis and Functional Annotation of an Expressed Sequence Tag Collection for Tropical Crop Sugarcane. <i>Genome Research</i> , 2003, 13, 2725-2735.	5.5	254
46	Site-directed gene disruption in <i>Xylella fastidiosa</i> . <i>FEMS Microbiology Letters</i> , 2002, 210, 105-110.	1.8	8
47	Characterization and expression of two genes encoding isoforms of a putative Na, K-ATPase in the chytridiomycete <i>Blastocladiella emersonii</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1576, 59-69.	2.4	16
48	Site-directed gene disruption in <i>Xylella fastidiosa</i> . <i>FEMS Microbiology Letters</i> , 2002, 210, 105-110.	1.8	19
49	Investigation of 5-Nitrofurans: Synthesis, Antibacterial Activity, and Quantitative Structure-Activity Relationships. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 3673-3681.	6.4	59
50	Genetic Organization of Plasmid pXF51 from the Plant Pathogen <i>Xylella fastidiosa</i> . <i>Plasmid</i> , 2001, 45, 184-199.	1.4	45
51	Structure, Expression, and Functional Analysis of the Gene Coding for Calmodulin in the Chytridiomycete <i>Blastocladiella emersonii</i> . <i>Journal of Bacteriology</i> , 2001, 183, 2280-2288.	2.2	18
52	PEST sequences in cAMP-dependent protein kinase subunits of the aquatic fungus <i>Blastocladiella emersonii</i> are necessary for in vitro degradation by endogenous proteases. <i>Molecular Microbiology</i> , 2000, 36, 926-939.	2.5	5
53	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	27.8	827
54	Structure-Activity Relationships of Nitrofurans with Antibacterial Activity. , 2000, , 290-291.		1

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55	Characterization and Submitochondrial Localization of the $\hat{1}\pm$ Subunit of the Mitochondrial Processing Peptidase from the Aquatic Fungus <i>Blastocladiella emersonii</i> . <i>Journal of Bacteriology</i> , 1999, 181, 4257-4265.	2.2	7
56	A P-type ATPase from the aquatic fungus <i>Blastocladiella emersonii</i> similar to animal Na,K-ATPases. <i>BBA - Proteins and Proteomics</i> , 1998, 1383, 183-187.	2.1	17
57	Isolation and characterisation of cAMP-dependent protein kinase from <i>Candida albicans</i> . Purification of the regulatory and catalytic subunits. <i>FEBS Journal</i> , 1998, 252, 245-252.	0.2	21
58	Heat Shock Alters Poly (A) Tail Length of <i>Dictyostelium discoideum</i> hsp32 RNA. <i>DNA and Cell Biology</i> , 1998, 17, 635-641.	1.9	7
59	Isolation, Characterization, and Expression of the Gene Encoding the $\hat{1}^2$ Subunit of the Mitochondrial Processing Peptidase from <i>Blastocladiella emersonii</i> . <i>Journal of Bacteriology</i> , 1998, 180, 3967-3972.	2.2	8
60	The CIRCE Element and Its Putative Repressor Control Cell Cycle Expression of the <i>Caulobacter crescentus</i> groESL Operon. <i>Journal of Bacteriology</i> , 1998, 180, 1632-1641.	2.2	34
61	Cloning, structural analysis and expression of the gene encoding Hsp32 from <i>Dictyostelium discoideum</i> . <i>Gene</i> , 1997, 193, 173-180.	2.2	2
62	An alkB gene homolog is differentially transcribed during the <i>Caulobacter crescentus</i> cell cycle. <i>Journal of Bacteriology</i> , 1997, 179, 3139-3145.	2.2	29
63	A gene coding for a putative sigma 54 activator is developmentally regulated in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 1997, 179, 5502-5510.	2.2	19
64	Protein factors in <i>Blastocladiella emersonii</i> cell extracts recognize similar sequence elements in the promoters of the genes encoding cAMP-dependent protein kinase subunits. <i>Molecular Genetics and Genomics</i> , 1997, 255, 495-503.	2.4	6
65	Identification of a <i>Caulobacter crescentus</i> operon encoding hrcA, involved in negatively regulating heat-inducible transcription, and the chaperone gene grpE. <i>Journal of Bacteriology</i> , 1996, 178, 1829-1841.	2.2	126
66	Expression of the groESL operon is cell-cycle controlled in <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 1996, 19, 79-89.	2.5	42
67	Effect of acute heat stress on heat shock protein 70 messenger RNA and on heat shock protein expression in the liver of broilers. <i>British Poultry Science</i> , 1996, 37, 443-449.	1.7	50
68	Regulation of the <i>Caulobacter crescentus</i> dnaKJ operon. <i>Journal of Bacteriology</i> , 1995, 177, 3479-3484.	2.2	39
69	Cloning of a cDNA encoding a novel heat-shock protein from <i>Dictyostelium discoideum</i> . <i>Gene</i> , 1995, 163, 163-164.	2.2	5
70	A unique intron-containing hsp70 gene induced by heat shock and during sporulation in the aquatic fungus <i>Blastocladiella emersonii</i> . <i>Gene</i> , 1995, 152, 19-26.	2.2	34
71	Cloning and characterization of the gene for the catalytic subunit of cAMP-dependent protein kinase in the aquatic fungus <i>Blastocladiella emersonii</i> . <i>FEBS Journal</i> , 1994, 219, 555-562.	0.2	25
72	Coordinate pretranslational control of cAMP-dependent protein kinase subunit expression during development in the water mold <i>Blastocladiella emersonii</i> . <i>Developmental Biology</i> , 1992, 149, 432-439.	2.0	20

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73	Expression of the <i>Caulobacter</i> heat shock gene <i>dnaK</i> is developmentally controlled during growth at normal temperatures. <i>Journal of Bacteriology</i> , 1990, 172, 3051-3059.	2.2	102
74	Developmental regulation of expression of the regulatory subunit of the cAMP-dependent protein kinase of <i>Blastocladia emersonii</i> . <i>FEBS Journal</i> , 1989, 178, 803-810.	0.2	11
75	Separation of temporal control and trans-acting modulation of flagellin and chemotaxis genes in <i>Caulobacter</i> . <i>Molecular Genetics and Genomics</i> , 1987, 206, 300-306.	2.4	17
76	Differential expression of heat-shock proteins and spontaneous synthesis of HSP70 during the life cycle of <i>Blastocladia emersonii</i> . <i>FEBS Journal</i> , 1987, 163, 211-220.	0.2	27
77	Differential localization of membrane receptor chemotaxis proteins in the <i>Caulobacter</i> predivisional cell. <i>Journal of Molecular Biology</i> , 1986, 191, 433-440.	4.2	32
78	Heat shock protein synthesis during development in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 1986, 168, 923-930.	2.2	38
79	GENERAL NONCHEMOTACTIC MUTANTS OF <i>CAULOBACTER CRESCENTUS</i> . <i>Genetics</i> , 1986, 114, 717-730.	2.9	41
80	Temporal and Spatial Control of Flagellar and Chemotaxis Gene Expression during <i>Caulobacter</i> Cell Differentiation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1985, 50, 831-840.	1.1	23
81	Differential expression and positioning of chemotaxis methylation proteins in <i>Caulobacter</i> . <i>Journal of Molecular Biology</i> , 1984, 178, 551-568.	4.2	101
82	Analysis of the pleiotropic regulation of flagellar and chemotaxis gene expression in <i>Caulobacter crescentus</i> by using plasmid complementation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 1341-1345.	7.1	30
83	Studies on the adenosine 3',5'-monophosphate-dependent protein kinase of <i>Blastocladia emersonii</i> . <i>Archives of Biochemistry and Biophysics</i> , 1982, 217, 295-304.	3.0	19
84	Induction of <i>blastocladia emersonii</i> germination by cyclic adenosine-3',5'-monophosphate. <i>Cell Differentiation</i> , 1980, 9, 169-179.	0.4	20
85	Calcium efflux during germination of <i>Blastocladia emersonii</i> . <i>Developmental Biology</i> , 1980, 77, 157-166.	2.0	20
86	Differential effects of manganese ions on <i>Blastocladia emersonii</i> adenylate cyclase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 567, 257-264.	2.6	11
87	A calcium-dependent protein activator of mammalian cyclic nucleotide phosphodiesterase from <i>Blastocladia emersonii</i> . <i>FEBS Letters</i> , 1979, 99, 39-42.	2.8	36
88	Adenylate cyclase activity and cyclic AMP metabolism during cytodifferentiation of <i>blastocladia emersonii</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1978, 541, 190-198.	2.4	33
89	Transient cyclic AMP accumulation in germinating zoospores of <i>Blastocladia emersonii</i> . <i>FEBS Letters</i> , 1976, 67, 189-192.	2.8	25
90	Independent cAMP and cGMP phosphodiesterases in <i>Blastocladia emersonii</i> . <i>FEBS Letters</i> , 1975, 56, 332-336.	2.8	17