

Benjamin A Soll

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

241
papers

12,008
citations

64
h-index

96
g-index

261
ext. papers

12,929
ext. citations

5.4
avg, IF

6.09
L-index

#	Paper	IF	Citations
241	3D and 4D Tumorigenesis Model for the Quantitative Analysis of Cancer Cell Behavior and Screening for Anticancer Drugs. <i>Methods in Molecular Biology</i> , 2022 , 2364, 299-318	1.4	2
240	New monoclonal antibodies that recognize an unglycosylated, conserved, extracellular region of CD44 in vitro and in vivo, and can block tumorigenesis. <i>PLoS ONE</i> , 2021 , 16, e0250175	3.7	3
239	Directed movement toward, translocation along, penetration into and exit from vascular networks by breast cancer cells in 3D. <i>Cell Adhesion and Migration</i> , 2021 , 15, 224-248	3.2	
238	Role of the Promoter of <i>Candida albicans</i> in Opaque Commitment. <i>MBio</i> , 2021 , 12, e0232021	7.8	
237	Mutations, Phenotypic Switching, and Colonization by Clinical α -strains of <i>Candida albicans</i> . <i>MSphere</i> , 2020 , 5,	5	9
236	<i>Candida albicans</i> Double Mutants Lacking both α and β Can Still Switch to Opaque. <i>MSphere</i> , 2020 , 5,	5	3
235	Roles of the Transcription Factors Sfl2 and Efg1 in White-Opaque Switching in α -strains of <i>Candida albicans</i> . <i>MSphere</i> , 2019 , 4,	5	7
234	Reciprocal signaling and direct physical interactions between fibroblasts and breast cancer cells in a 3D environment. <i>PLoS ONE</i> , 2019 , 14, e0218854	3.7	18
233	Integrin $\alpha_5\beta_1$ central role in breast cancer, melanoma and glioblastoma cell aggregation revealed by antibodies with blocking activity. <i>MAbs</i> , 2019 , 11, 691-708	6.6	5
232	Generating a Battery of Monoclonal Antibodies Against Firefly Luciferase for Dot Blot Analysis, Western Blot Analysis, and Immunostaining of Cells in Culture and Paraffin Sections. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2018 , 37, 45-51	1.9	2
231	<i>Candida albicans</i> White-Opaque Switching Influences Virulence but Not Mating during Oropharyngeal Candidiasis. <i>Infection and Immunity</i> , 2018 , 86,	3.7	19
230	Overexpressing β , a homolog of the human tumor suppressor gene $p53$, rescues the abnormal phenotype of the mutant. <i>Oncotarget</i> , 2018 , 9, 21100-21121	3.3	7
229	Melanoma cells undergo aggressive coalescence in a 3D Matrigel model that is repressed by anti-CD44. <i>PLoS ONE</i> , 2017 , 12, e0173400	3.7	14
228	Protocol for Identifying Natural Agents That Selectively Affect Adhesion, Thickness, Architecture, Cellular Phenotypes, Extracellular Matrix, and Human White Blood Cell Impenetrability of <i>Candida albicans</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	4
227	Binding Sites in the EFG1 Promoter for Transcription Factors in a Proposed Regulatory Network: A Functional Analysis in the White and Opaque Phases of <i>Candida albicans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 1725-37	3.2	1
226	Plasticity of <i>Candida albicans</i> Biofilms. <i>Microbiology and Molecular Biology Reviews</i> , 2016 , 80, 565-95	13.2	47
225	4D Tumorigenesis Model for Quantitating Coalescence, Directed Cell Motility and Chemotaxis, Identifying Unique Cell Behaviors, and Testing Anticancer Drugs. <i>Methods in Molecular Biology</i> , 2016 , 1407, 229-50	1.4	9

224	Quantitative Motion Analysis in Two and Three Dimensions. <i>Methods in Molecular Biology</i> , 2016 , 1365, 265-92	1.4	5
223	Generation and Validation of Monoclonal Antibodies Against the Maltose Binding Protein. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2016 , 35, 104-8	1.9	4
222	Role of Tec1 in the development, architecture, and integrity of sexual biofilms of <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2015 , 14, 228-40		16
221	Comparison of Switching and Biofilm Formation between MTL-Homozygous Strains of <i>Candida albicans</i> and <i>Candida dubliniensis</i> . <i>Eukaryotic Cell</i> , 2015 , 14, 1186-202		8
220	A computer-assisted 3D model for analyzing the aggregation of tumorigenic cells reveals specialized behaviors and unique cell types that facilitate aggregate coalescence. <i>PLoS ONE</i> , 2015 , 10, e0118628	3.7	12
219	Mediated coalescence: a possible mechanism for tumor cellular heterogeneity. <i>American Journal of Cancer Research</i> , 2015 , 5, 3485-504	4.4	9
218	The evolution of alternative biofilms in an opportunistic fungal pathogen: an explanation for how new signal transduction pathways may evolve. <i>Infection, Genetics and Evolution</i> , 2014 , 22, 235-43	4.5	15
217	Huntingtin regulates Ca(2+) chemotaxis and K(+)-facilitated cAMP chemotaxis, in conjunction with the monovalent cation/H(+) exchanger Nhe1, in a model developmental system: insights into its possible role in Huntington's disease. <i>Developmental Biology</i> , 2014 , 394, 24-38	3.1	8
216	Interferon regulatory factor 6 regulates keratinocyte migration. <i>Journal of Cell Science</i> , 2014 , 127, 2840-8	3.3	36
215	Sexual reproduction of human fungal pathogens. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 4,	5.4	31
214	Generating a battery of monoclonal antibodies against native green fluorescent protein for immunostaining, FACS, IP, and ChIP using a unique adjuvant. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2014 , 33, 80-8	1.9	15
213	The role of phenotypic switching in the basic biology and pathogenesis of <i>Candida albicans</i> . <i>Journal of Oral Microbiology</i> , 2014 , 6,	6.3	48
212	PTEN redundancy: overexpressing lpten, a homolog of <i>Dictyostelium discoideum</i> ptenA, the ortholog of human PTEN, rescues all behavioral defects of the mutant ptenA-. <i>PLoS ONE</i> , 2014 , 9, e108493	3.7	5
211	Identification of genes upregulated by the transcription factor Bcr1 that are involved in impermeability, impenetrability, and drug resistance of <i>Candida albicans</i> a/biofilms. <i>Eukaryotic Cell</i> , 2013 , 12, 875-88		42
210	Impact of environmental conditions on the form and function of <i>Candida albicans</i> biofilms. <i>Eukaryotic Cell</i> , 2013 , 12, 1389-402		35
209	<i>Candida albicans</i> forms a specialized "sexual" as well as "pathogenic" biofilm. <i>Eukaryotic Cell</i> , 2013 , 12, 1120-31		36
208	The "finger," a unique multicellular morphology of <i>Candida albicans</i> induced by CO ₂ and dependent upon the Ras1-cyclic AMP pathway. <i>Eukaryotic Cell</i> , 2012 , 11, 1257-67		9
207	Nonsex genes in the mating type locus of <i>Candida albicans</i> play roles in a/biofilm formation, including impermeability and fluconazole resistance. <i>PLoS Pathogens</i> , 2012 , 8, e1002476	7.6	24

206	Myosin heavy chain kinases play essential roles in Ca ²⁺ , but not cAMP, chemotaxis and the natural aggregation of <i>Dictyostelium discoideum</i> . <i>Journal of Cell Science</i> , 2012 , 125, 4934-44	5.3	6
205	Quantitative Analysis of Basic Motile Behavior in Amoeboid Cells. <i>Methods in Cell Biology</i> , 2012 , 112, 389-402	1.8	
204	The IplA Ca ²⁺ channel of <i>Dictyostelium discoideum</i> is necessary for chemotaxis mediated through Ca ²⁺ , but not through cAMP, and has a fundamental role in natural aggregation. <i>Journal of Cell Science</i> , 2012 , 125, 1770-83	5.3	14
203	Signal Transduction Pathways Regulating Switching, Mating and Biofilm Formation in <i>Candida albicans</i> and Related Species 2012 , 85-102		2
202	Evolution of a new signal transduction pathway in <i>Candida albicans</i> . <i>Trends in Microbiology</i> , 2011 , 19, 8-13	12.4	14
201	Utilization of the mating scaffold protein in the evolution of a new signal transduction pathway for biofilm development. <i>MBio</i> , 2011 , 2, e00237-10	7.8	21
200	Target specificity of the <i>Candida albicans</i> Efg1 regulator. <i>Molecular Microbiology</i> , 2011 , 82, 602-18	4.1	57
199	Self-induction of a/a or alpha/alpha biofilms in <i>Candida albicans</i> is a pheromone-based paracrine system requiring switching. <i>Eukaryotic Cell</i> , 2011 , 10, 753-60		20
198	Fig1 facilitates calcium influx and localizes to membranes destined to undergo fusion during mating in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2011 , 10, 435-44		23
197	Nhe1 is essential for potassium but not calcium facilitation of cell motility and the monovalent cation requirement for chemotactic orientation in <i>Dictyostelium discoideum</i> . <i>Eukaryotic Cell</i> , 2011 , 10, 320-31		10
196	Alternative mating type configurations (a/α versus a/a or α/α) of <i>Candida albicans</i> result in alternative biofilms regulated by different pathways. <i>PLoS Biology</i> , 2011 , 9, e1001117	9.7	65
195	Tec1 mediates the pheromone response of the white phenotype of <i>Candida albicans</i> : insights into the evolution of new signal transduction pathways. <i>PLoS Biology</i> , 2010 , 8, e1000363	9.7	70
194	An unconventional myosin required for cell polarization and chemotaxis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 6918-23	11.5	16
193	Ca ²⁺ chemotaxis in <i>Dictyostelium discoideum</i> . <i>Journal of Cell Science</i> , 2010 , 123, 3756-67	5.3	21
192	N-acetylglucosamine induces white to opaque switching, a mating prerequisite in <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2010 , 6, e1000806	7.6	159
191	Cutting edge: <i>Candida albicans</i> hyphae formation triggers activation of the Nlrp3 inflammasome. <i>Journal of Immunology</i> , 2009 , 183, 3578-81	5.3	226
190	The white cell response to pheromone is a general characteristic of <i>Candida albicans</i> strains. <i>Eukaryotic Cell</i> , 2009 , 8, 251-6		22
189	Genes selectively up-regulated by pheromone in white cells are involved in biofilm formation in <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2009 , 5, e1000601	7.6	53

188	How a cell crawls and the role of cortical myosin II. <i>Eukaryotic Cell</i> , 2009 , 8, 1381-96		20
187	CO(2) regulates white-to-opaque switching in <i>Candida albicans</i> . <i>Current Biology</i> , 2009 , 19, 330-4	6.3	144
186	Sex: deviant mating in yeast. <i>Current Biology</i> , 2009 , 19, R509-11	6.3	10
185	The effects of extracellular calcium on motility, pseudopod and uropod formation, chemotaxis, and the cortical localization of myosin II in <i>Dictyostelium discoideum</i> . <i>Cytoskeleton</i> , 2009 , 66, 567-87		28
184	A <i>Candida albicans</i> -specific region of the alpha-pheromone receptor plays a selective role in the white cell pheromone response. <i>Molecular Microbiology</i> , 2009 , 71, 925-47	4.1	34
183	Evolution of pathogenicity and sexual reproduction in eight <i>Candida</i> genomes. <i>Nature</i> , 2009 , 459, 657-62	30.4	764
182	Why does <i>Candida albicans</i> switch?. <i>FEMS Yeast Research</i> , 2009 , 9, 973-89	3.1	101
181	Light microscopy to image and quantify cell movement. <i>Methods in Molecular Biology</i> , 2009 , 571, 455-71	1.4	8
180	2D and 3D quantitative analysis of cell motility and cytoskeletal dynamics. <i>Methods in Molecular Biology</i> , 2009 , 586, 315-35	1.4	10
179	<i>Candida</i> biofilms: is adhesion sexy?. <i>Current Biology</i> , 2008 , 18, R717-20	6.3	28
178	Mating is rare within as well as between clades of the human pathogen <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , 2008 , 45, 221-31	3.9	50
177	Dark brown is the more virulent of the switch phenotypes of <i>Candida glabrata</i> . <i>Microbiology (United Kingdom)</i> , 2008 , 154, 3309-3318	2.9	23
176	The same receptor, G protein, and mitogen-activated protein kinase pathway activate different downstream regulators in the alternative white and opaque pheromone responses of <i>Candida albicans</i> . <i>Molecular Biology of the Cell</i> , 2008 , 19, 957-70	3.5	58
175	Molecular phylogenetic analysis of a geographically and temporally matched set of <i>Candida albicans</i> isolates from humans and nonmigratory wildlife in central Illinois. <i>Eukaryotic Cell</i> , 2008 , 7, 1475-86		41
174	CLC-3 and ICLswell are required for normal neutrophil chemotaxis and shape change. <i>Journal of Biological Chemistry</i> , 2008 , 283, 34315-26	5.4	41
173	Heterozygosity of genes on the sex chromosome regulates <i>Candida albicans</i> virulence. <i>Molecular Microbiology</i> , 2007 , 64, 1587-604	4.1	69
172	PTEN plays a role in the suppression of lateral pseudopod formation during <i>Dictyostelium</i> motility and chemotaxis. <i>Journal of Cell Science</i> , 2007 , 120, 2517-31	5.3	60
171	Cofilin determines the migration behavior and turning frequency of metastatic cancer cells. <i>Journal of Cell Biology</i> , 2007 , 179, 777-91	7.3	152

170	Analysis of ALS5 and ALS6 allelic variability in a geographically diverse collection of <i>Candida albicans</i> isolates. <i>Fungal Genetics and Biology</i> , 2007 , 44, 1298-309	3.9	37
169	Computer-Assisted Systems for Dynamic 3D Reconstruction and Motion Analysis of Living Cells. <i>Principles and Practice</i> , 2007 , 365-384		3
168	The Shwachman-Bodian-Diamond syndrome gene encodes an RNA-binding protein that localizes to the pseudopod of <i>Dictyostelium amoebae</i> during chemotaxis. <i>Journal of Cell Science</i> , 2006 , 119, 370-9	5.3	47
167	TOS9 regulates white-opaque switching in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2006 , 5, 1674-87		179
166	<i>Candida albicans</i> Als3p is required for wild-type biofilm formation on silicone elastomer surfaces. <i>Microbiology (United Kingdom)</i> , 2006 , 152, 2287-2299	2.9	136
165	Coordination and modulation of locomotion pattern generators in <i>Drosophila</i> larvae: effects of altered biogenic amine levels by the tyramine beta hydroxylase mutation. <i>Journal of Neuroscience</i> , 2006 , 26, 1486-98	6.6	122
164	Confocal Microscopy of Living Cells 2006 , 381-403		25
163	Application of 2D and 3D DIAS to motion analysis of live cells in transmission and confocal microscopy imaging. <i>Methods in Molecular Biology</i> , 2006 , 346, 261-79	1.4	20
162	Towards a molecular understanding of human diseases using <i>Dictyostelium discoideum</i> . <i>Trends in Molecular Medicine</i> , 2006 , 12, 415-24	11.5	88
161	Opaque cells signal white cells to form biofilms in <i>Candida albicans</i> . <i>EMBO Journal</i> , 2006 , 25, 2240-52	13	143
160	Clade-related amphotericin B resistance among South African <i>Candida albicans</i> isolates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2005 , 53, 29-31	2.9	27
159	Evidence for recombination in <i>Candida glabrata</i> . <i>Fungal Genetics and Biology</i> , 2005 , 42, 233-43	3.9	50
158	Increased virulence and competitive advantage of a/alpha over a/a or alpha/alpha offspring conserves the mating system of <i>Candida albicans</i> . <i>Genetics</i> , 2005 , 169, 1883-90	4	51
157	Phenotypic switching in <i>Candida glabrata</i> accompanied by changes in expression of genes with deduced functions in copper detoxification and stress. <i>Eukaryotic Cell</i> , 2005 , 4, 1434-45		24
156	Chromosome loss followed by duplication is the major mechanism of spontaneous mating-type locus homozygosity in <i>Candida albicans</i> . <i>Genetics</i> , 2005 , 169, 1311-27	4	71
155	Intracellular role of adenylyl cyclase in regulation of lateral pseudopod formation during <i>Dictyostelium</i> chemotaxis. <i>Eukaryotic Cell</i> , 2005 , 4, 775-86		30
154	Unique aspects of gene expression during <i>Candida albicans</i> mating and possible G(1) dependency. <i>Eukaryotic Cell</i> , 2005 , 4, 1175-90		57
153	Emergence of fluconazole resistance in a <i>Candida parapsilosis</i> strain that caused infections in a neonatal intensive care unit. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 2729-35	9.7	141

152	RasGEF-containing proteins GbpC and GbpD have differential effects on cell polarity and chemotaxis in Dictyostelium. <i>Journal of Cell Science</i> , 2005 , 118, 1899-910	5.3	50
151	Computer-assisted analysis of filopod formation and the role of myosin II heavy chain phosphorylation in Dictyostelium. <i>Journal of Cell Science</i> , 2005 , 118, 2225-37	5.3	45
150	Functional specificity of <i>Candida albicans</i> Als3p proteins and clade specificity of ALS3 alleles discriminated by the number of copies of the tandem repeat sequence in the central domain. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 673-681	2.9	89
149	<i>Candida parapsilosis</i> characterization in an outbreak setting. <i>Emerging Infectious Diseases</i> , 2004 , 10, 1074-81	4.8	114
148	RasC plays a role in transduction of temporal gradient information in the cyclic-AMP wave of Dictyostelium discoideum. <i>Eukaryotic Cell</i> , 2004 , 3, 646-62		35
147	The closely related species <i>Candida albicans</i> and <i>Candida dubliniensis</i> can mate. <i>Eukaryotic Cell</i> , 2004 , 3, 1015-27		94
146	The role of myosin heavy chain phosphorylation in Dictyostelium motility, chemotaxis and F-actin localization. <i>Journal of Cell Science</i> , 2004 , 117, 4819-35	5.3	26
145	Caldesmon mutant defective in Ca(2+)-calmodulin binding interferes with assembly of stress fibers and affects cell morphology, growth and motility. <i>Journal of Cell Science</i> , 2004 , 117, 3593-604	5.3	47
144	Flucytosine resistance is restricted to a single genetic clade of <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 262-6	5.9	65
143	Release of a potent polymorphonuclear leukocyte chemoattractant is regulated by white-opaque switching in <i>Candida albicans</i> . <i>Infection and Immunity</i> , 2004 , 72, 667-77	3.7	95
142	Mating-type locus homozygosis, phenotypic switching and mating: a unique sequence of dependencies in <i>Candida albicans</i> . <i>BioEssays</i> , 2004 , 26, 10-20	4.1	70
141	The chemotaxis defect of Shwachman-Diamond Syndrome leukocytes. <i>Cytoskeleton</i> , 2004 , 57, 158-74		53
140	Sphingosine-1-phosphate plays a role in the suppression of lateral pseudopod formation during Dictyostelium discoideum cell migration and chemotaxis. <i>Cytoskeleton</i> , 2004 , 59, 227-41		19
139	Tyramine and octopamine have opposite effects on the locomotion of <i>Drosophila</i> larvae. <i>Journal of Neurobiology</i> , 2004 , 58, 425-41		164
138	Clade-specific flucytosine resistance is due to a single nucleotide change in the <i>FUR1</i> gene of <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 2223-7	5.9	95
137	Asynchronous cell cycle and asymmetric vacuolar inheritance in true hyphae of <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2003 , 2, 398-410		67
136	Relationship between switching and mating in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2003 , 2, 390-7		57
135	The adhesin Hwp1 and the first daughter cell localize to the a/a portion of the conjugation bridge during <i>Candida albicans</i> mating. <i>Molecular Biology of the Cell</i> , 2003 , 14, 4920-30	3.5	39

134	Three mating type-like loci in <i>Candida glabrata</i> . <i>Eukaryotic Cell</i> , 2003 , 2, 328-40		57
133	Phenotypic switching and mating type switching of <i>Candida glabrata</i> at sites of colonization. <i>Infection and Immunity</i> , 2003 , 71, 7109-18	3.7	59
132	Allelic variation in the contiguous loci encoding <i>Candida albicans</i> ALS5, ALS1 and ALS9. <i>Microbiology (United Kingdom)</i> , 2003 , 149, 2947-2960	2.9	58
131	Mating and virulence of <i>Candida albicans</i> . <i>The Mycologist</i> , 2003 , 17, 64-69		2
130	Computer-assisted reconstruction and motion analysis of the three-dimensional cell. <i>Scientific World Journal, The</i> , 2003 , 3, 827-41	2.2	23
129	Human polymorphonuclear leukocytes respond to waves of chemoattractant, like <i>Dictyostelium</i> . <i>Cytoskeleton</i> , 2003 , 56, 27-44		40
128	<i>Candida albicans</i> clades. <i>FEMS Immunology and Medical Microbiology</i> , 2003 , 39, 1-7		62
127	The regulation of EFG1 in white-opaque switching in <i>Candida albicans</i> involves overlapping promoters. <i>Molecular Microbiology</i> , 2003 , 48, 523-36	4.1	26
126	<i>Candida Albicans</i> 2003 , 165-201		11
125	Cell biology of mating in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2003 , 2, 49-61		123
124	Skin facilitates <i>Candida albicans</i> mating. <i>Infection and Immunity</i> , 2003 , 71, 4970-6	3.7	118
123	Slb/Wnt11 controls hypoblast cell migration and morphogenesis at the onset of zebrafish gastrulation. <i>Development (Cambridge)</i> , 2003 , 130, 5375-84	6.6	124
122	Multilocus sequence typing of <i>Candida glabrata</i> reveals geographically enriched clades. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 5709-17	9.7	143
121	Drug resistance is not directly affected by mating type locus zygosity in <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 1207-12	5.9	34
120	Racial distribution of <i>Candida dubliniensis</i> colonization among South Africans. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 1838-42	9.7	28
119	Shared, unique and redundant functions of three members of the class I myosins (MyoA, MyoB and MyoF) in motility and chemotaxis in <i>Dictyostelium</i> . <i>Journal of Cell Science</i> , 2003 , 116, 3985-99	5.3	45
118	Alpha-pheromone-induced "shmooing" and gene regulation require white-opaque switching during <i>Candida albicans</i> mating. <i>Eukaryotic Cell</i> , 2003 , 2, 847-55		100
117	Dynamic analysis of larval locomotion in <i>Drosophila</i> chordotonal organ mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 16053-8	11.5	100

116	Constitutively active protein kinase A disrupts motility and chemotaxis in Dictyostelium discoideum. <i>Eukaryotic Cell</i> , 2003 , 2, 62-75		41
115	Pseudopodium dynamics and rapid cell movement in Dictyostelium Ras pathway mutants. <i>Cytoskeleton</i> , 2002 , 53, 150-62		18
114	Microevolutionary changes and chromosomal translocations are more frequent at RPS loci in <i>Candida dubliniensis</i> than in <i>Candida albicans</i> . <i>Infection, Genetics and Evolution</i> , 2002 , 2, 19-37	4.5	22
113	A contextual framework for characterizing motility and chemotaxis mutants in Dictyostelium discoideum. <i>Journal of Muscle Research and Cell Motility</i> , 2002 , 23, 659-72	3.5	48
112	A novel cGMP signalling pathway mediating myosin phosphorylation and chemotaxis in Dictyostelium. <i>EMBO Journal</i> , 2002 , 21, 4560-70	13	118
111	Ca3 fingerprinting of <i>Candida albicans</i> bloodstream isolates from the United States, Canada, South America, and Europe reveals a European clade. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 2729-40	9.7	76
110	Requirement of a vasodilator-stimulated phosphoprotein family member for cell adhesion, the formation of filopodia, and chemotaxis in dictyostelium. <i>Journal of Biological Chemistry</i> , 2002 , 277, 49877-87	5.4	88
109	Roles of TUP1 in switching, phase maintenance, and phase-specific gene expression in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2002 , 1, 353-65		39
108	Identification of four distinct genotypes of <i>Candida dubliniensis</i> and detection of microevolution in vitro and in vivo. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 556-74	9.7	70
107	Ca3 fingerprinting of <i>Candida albicans</i> isolates from human immunodeficiency virus-positive and healthy individuals reveals a new clade in South Africa. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 826-36	9.7	70
106	Morphometric description of the wandering behavior in <i>Drosophila</i> larvae: a phenotypic analysis of K ⁺ channel mutants. <i>Journal of Neurogenetics</i> , 2002 , 16, 45-63	1.6	35
105	<i>Candida</i> commensalism and virulence: the evolution of phenotypic plasticity. <i>Acta Tropica</i> , 2002 , 81, 101-10	3.0	111
104	3D-DIASemb: a computer-assisted system for reconstructing and motion analyzing in 4D every cell and nucleus in a developing embryo. <i>Developmental Biology</i> , 2002 , 245, 329-47	3.1	48
103	Genome-wide technologies [the first half of the story]. <i>Current Opinion in Microbiology</i> , 2002 , 5, 311-312	7.9	1
102	Phosphorylation of the myosin regulatory light chain plays a role in motility and polarity during Dictyostelium chemotaxis. <i>Journal of Cell Science</i> , 2002 , 115, 1733-1747	5.3	28
101	In <i>Candida albicans</i> , white-opaque switchers are homozygous for mating type. <i>Genetics</i> , 2002 , 162, 737-45	4.5	191
100	Phenotypic switching and filamentation in <i>Candida glabrata</i> . <i>Microbiology (United Kingdom)</i> , 2002 , 148, 2661-2674	2.9	70
99	Phosphorylation of the myosin regulatory light chain plays a role in motility and polarity during Dictyostelium chemotaxis. <i>Journal of Cell Science</i> , 2002 , 115, 1733-47	5.3	26

98	A role for myosin VII in dynamic cell adhesion. <i>Current Biology</i> , 2001 , 11, 318-29	6.3	144
97	Tortoise, a novel mitochondrial protein, is required for directional responses of Dictyostelium in chemotactic gradients. <i>Journal of Cell Biology</i> , 2001 , 152, 621-32	7.3	40
96	Cloning and characterization of a complex DNA fingerprinting probe for Candida parapsilosis. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 658-69	9.7	67
95	Computer-assisted systems for the analysis of amoeboid cell motility. <i>Methods in Molecular Biology</i> , 2001 , 161, 45-58	1.4	22
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