

Miguel Ángel Peñalva

List of Publications by Year in descending order

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135
papers

16,148
citations

26630

56
h-index

16650

123
g-index

137
all docs

137
docs citations

137
times ranked

20398
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Genomic sequence of the pathogenic and allergenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>Nature</i> , 2005, 438, 1151-1156.	27.8	1,272
3	Sequencing of <i>Aspergillus nidulans</i> and comparative analysis with <i>A. fumigatus</i> and <i>A. oryzae</i> . <i>Nature</i> , 2005, 438, 1105-1115.	27.8	1,250
4	The <i>Aspergillus</i> PacC zinc finger transcription factor mediates regulation of both acid- and alkaline-expressed genes by ambient pH.. <i>EMBO Journal</i> , 1995, 14, 779-790.	7.8	550
5	Ambient pH gene regulation in fungi: making connections. <i>Trends in Microbiology</i> , 2008, 16, 291-300.	7.7	319
6	The molecular basis of alkaptonuria. <i>Nature Genetics</i> , 1996, 14, 19-24.	21.4	283
7	The Tip Growth Apparatus of <i>Aspergillus nidulans</i> . <i>Molecular Biology of the Cell</i> , 2008, 19, 1439-1449.	2.1	261
8	Regulation of Gene Expression by Ambient pH in Filamentous Fungi and Yeasts. <i>Microbiology and Molecular Biology Reviews</i> , 2002, 66, 426-446.	6.6	258
9	Current challenges of research on filamentous fungi in relation to human welfare and a sustainable bio-economy: a white paper. <i>Fungal Biology and Biotechnology</i> , 2016, 3, 6.	5.1	208
10	Tracing the endocytic pathway of <i>Aspergillus nidulans</i> with FM4-64. <i>Fungal Genetics and Biology</i> , 2005, 42, 963-975.	2.1	194
11	Activation of the <i>Aspergillus</i> PacC transcription factor in response to alkaline ambient pH requires proteolysis of the carboxy-terminal moiety.. <i>Genes and Development</i> , 1995, 9, 1622-1632.	5.9	186
12	Recent Advances in the Characterization of Ambient pH Regulation of Gene Expression in Filamentous Fungi and Yeasts. <i>Annual Review of Microbiology</i> , 2004, 58, 425-451.	7.3	174
13	Initiation of phage phi 29 DNA replication in vitro: formation of a covalent complex between the terminal protein, p3, and 5'-dAMP.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982, 79, 5522-5526.	7.1	172
14	pH regulation is a major determinant in expression of a fungal penicillin biosynthetic gene.. <i>EMBO Journal</i> , 1993, 12, 3947-3956.	7.8	168
15	Characterization of a Fungal Maleylacetoacetate Isomerase Gene and Identification of Its Human Homologue. <i>Journal of Biological Chemistry</i> , 1998, 273, 329-337.	3.4	158
16	YPXL/I Is a Protein Interaction Motif Recognized by <i>Aspergillus</i> PalA and Its Human Homologue, AIP1/Alix. <i>Molecular and Cellular Biology</i> , 2003, 23, 1647-1655.	2.3	148
17	Arrestin-related proteins mediate pH signaling in fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12141-12146.	7.1	144
18	Preferential localization of the endocytic internalization machinery to hyphal tips underlies polarization of the actin cytoskeleton in <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2008, 67, 891-905.	2.5	140

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19	Crystal structure of human homogentisate dioxygenase. <i>Nature Structural Biology</i> , 2000, 7, 542-546.	9.7	137
20	Cloning and characterization of the isopenicillin N synthetase gene mediating the formation of the Î²-lactam ring in <i>Aspergillus nidulans</i> . <i>Gene</i> , 1987, 57, 171-181.	2.2	134
21	Long Distance Movement of <i>Aspergillus nidulans</i> Early Endosomes on Microtubule Tracks. <i>Traffic</i> , 2009, 10, 57-75.	2.7	131
22	Characterization of a <i>Penicillium chrysogenum</i> gene encoding a PacC transcription factor and its binding sites in the divergent pcbAB-pcbC promoter of the penicillin biosynthetic cluster. <i>Molecular Microbiology</i> , 1996, 20, 529-540.	2.5	126
23	Activation of the <i>Aspergillus</i> PacC zinc finger transcription factor requires two proteolytic steps. <i>EMBO Journal</i> , 2002, 21, 1350-1359.	7.8	120
24	The protein covalently linked to the 5' termini of the DNA of <i>Bacillus subtilis</i> phage Î²29 is involved in the initiation of DNA replication. <i>Virology</i> , 1980, 104, 84-96.	2.4	119
25	Molecular Characterization of a Gene Encoding a Homogentisate Dioxygenase from <i>Aspergillus nidulans</i> and Identification of Its Human and Plant Homologues. <i>Journal of Biological Chemistry</i> , 1995, 270, 21199-21205.	3.4	115
26	HookA is a novel dynein early endosome linker critical for cargo movement in vivo. <i>Journal of Cell Biology</i> , 2014, 204, 1009-1026.	5.2	115
27	pH regulation in <i>Aspergillus</i> and parallels with higher eukaryotic regulatory systems. <i>Trends in Genetics</i> , 2003, 19, 224-231.	6.7	112
28	Organization and Dynamics of the <i>Aspergillus nidulans</i> Golgi during Apical Extension and Mitosis. <i>Molecular Biology of the Cell</i> , 2009, 20, 4335-4347.	2.1	110
29	Specific DNA recognition by the <i>Aspergillus nidulans</i> three zinc finger transcription factor PacC. <i>Journal of Molecular Biology</i> , 1997, 274, 466-480.	4.2	107
30	Three Binding Sites for the <i>Aspergillus nidulans</i> PacC Zinc-finger Transcription Factor Are Necessary and Sufficient for Regulation by Ambient pH of the Isopenicillin N Synthase Gene Promoter. <i>Journal of Biological Chemistry</i> , 1996, 271, 28825-28830.	3.4	104
31	Carbon catabolite repression can account for the temporal pattern of expression of a penicillin biosynthetic gene in <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 1992, 6, 1457-1465.	2.5	100
32	Cell Biology of Hyphal Growth. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	98
33	Ambient pH signal transduction in <i>Aspergillus</i> : completion of gene characterization. <i>Molecular Microbiology</i> , 1999, 33, 994-1003.	2.5	92
34	Endocytosis in filamentous fungi: Cinderella gets her reward. <i>Current Opinion in Microbiology</i> , 2010, 13, 684-692.	5.1	89
35	Maturation of late Golgi cisternae into RabE ^{RAB11} exocytic post-Golgi carriers visualized in vivo. <i>Molecular Biology of the Cell</i> , 2014, 25, 2428-2443.	2.1	86
36	Establishment of the Ambient pH Signaling Complex in <i>Aspergillus nidulans</i> : Pal Assists Plasma Membrane Localization of PalH. <i>Eukaryotic Cell</i> , 2007, 6, 2365-2375.	3.4	85

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37	Endocytic Machinery Protein SlaB Is Dispensable for Polarity Establishment but Necessary for Polarity Maintenance in Hyphal Tip Cells of <i>Aspergillus nidulans</i> . <i>Eukaryotic Cell</i> , 2010, 9, 1504-1518.	3.4	83
38	Ambient pH Signaling Regulates Nuclear Localization of the <i>Aspergillus nidulans</i> PacC Transcription Factor. <i>Molecular and Cellular Biology</i> , 2001, 21, 1688-1699.	2.3	82
39	Structural and functional analysis of mutations in alkaptonuria. <i>Human Molecular Genetics</i> , 2000, 9, 2341-2350.	2.9	80
40	Mutation and Polymorphism Analysis of the Human Homogentisate 1,2-Dioxygenase Gene in Alkaptonuria Patients. <i>American Journal of Human Genetics</i> , 1998, 62, 776-784.	6.2	79
41	The Human Homogentisate 1,2-Dioxygenase (HGO) Gene. <i>Genomics</i> , 1997, 43, 115-122.	2.9	78
42	Evidence for the Direct Involvement of the Proteasome in the Proteolytic Processing of the <i>Aspergillus nidulans</i> Zinc Finger Transcription Factor PacC. <i>Journal of Biological Chemistry</i> , 2007, 282, 34735-34747.	3.4	78
43	<i>Aspergillus</i> RabB ^{Rab5} Integrates Acquisition of Degradative Identity with the Long Distance Movement of Early Endosomes. <i>Molecular Biology of the Cell</i> , 2010, 21, 2756-2769.	2.1	77
44	An ordered pathway for the assembly of ESCRT-containing fungal ambient pH signalling complexes at the plasma membrane. <i>Journal of Cell Science</i> , 2012, 125, 1784-95.	2.0	77
45	The optimization of penicillin biosynthesis in fungi. <i>Trends in Biotechnology</i> , 1998, 16, 483-489.	9.3	75
46	The p25 subunit of the dynactin complex is required for dynein-early endosome interaction. <i>Journal of Cell Biology</i> , 2011, 193, 1245-1255.	5.2	75
47	The Molecular Basis of 3-Methylcrotonylglycinuria, a Disorder of Leucine Catabolism. <i>American Journal of Human Genetics</i> , 2001, 68, 334-346.	6.2	73
48	Disruption of phacA, an <i>Aspergillus nidulans</i> Gene Encoding a Novel Cytochrome P450 Monooxygenase Catalyzing Phenylacetate 2-Hydroxylation, Results in Penicillin Overproduction. <i>Journal of Biological Chemistry</i> , 1999, 274, 14545-14550.	3.4	72
49	Molecular characterization of a fungal secondary metabolism promoter: transcription of the <i>Aspergillus nidulans</i> isopenicillin N synthetase gene is modulated by upstream negative elements. <i>Molecular Microbiology</i> , 1993, 9, 881-895.	2.5	71
50	Overlap of Nuclear Localisation Signal and Specific DNA-binding Residues Within the Zinc Finger Domain of PacC. <i>Journal of Molecular Biology</i> , 2003, 334, 667-684.	4.2	71
51	The microtubule plus-end localization of <i>Aspergillus</i> dynein is important for dynein-early-endosome interaction but not for dynein ATPase activation. <i>Journal of Cell Science</i> , 2010, 123, 3596-3604.	2.0	71
52	Specificity Determinants of Proteolytic Processing of <i>Aspergillus</i> PacC Transcription Factor Are Remote from the Processing Site, and Processing Occurs in Yeast If pH Signalling Is Bypassed. <i>Molecular and Cellular Biology</i> , 1999, 19, 1390-1400.	2.3	68
53	Putative membrane components of signal transduction pathways for ambient pH regulation in <i>Aspergillus</i> and meiosis in <i>Saccharomyces</i> are homologous. <i>Molecular Microbiology</i> , 1998, 30, 259-264.	2.5	66
54	Reduced Function of a Phenylacetate-Oxidizing Cytochrome P450 Caused Strong Genetic Improvement in Early Phylogeny of Penicillin-Producing Strains. <i>Journal of Bacteriology</i> , 2001, 183, 5465-5471.	2.2	65

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55	PalC, One of Two Bro1 Domain Proteins in the Fungal pH Signalling Pathway, Localizes to Cortical Structures and Binds Vps32. <i>Traffic</i> , 2007, 8, 1346-1364.	2.7	64
56	Liaison alcaline: Pals entice non-endosomal ESCRTs to the plasma membrane for pH signaling. <i>Current Opinion in Microbiology</i> , 2014, 22, 49-59.	5.1	60
57	On how a transcription factor can avoid its proteolytic activation in the absence of signal transduction. <i>EMBO Journal</i> , 2000, 19, 719-728.	7.8	59
58	Sequences of isopenicillin N synthetase genes suggest horizontal gene transfer from prokaryotes to eukaryotes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1990, 241, 164-169.	2.6	58
59	Endosomal maturation by Rab conversion in <i>Aspergillus nidulans</i> is coupled to dynein-mediated basipetal movement. <i>Molecular Biology of the Cell</i> , 2012, 23, 1889-1901.	2.1	58
60	Acute inactivation of the <i>Aspergillus nidulans</i> Golgi membrane fusion machinery: correlation of apical extension arrest and tip swelling with cisternal disorganization. <i>Molecular Microbiology</i> , 2013, 89, 228-248.	2.5	58
61	Triazolopyrimidines Are Microtubule-Stabilizing Agents that Bind the Vinca Inhibitor Site of Tubulin. <i>Cell Chemical Biology</i> , 2017, 24, 737-750.e6.	5.2	58
62	Fungal metabolic model for human type I hereditary tyrosinaemia.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 9132-9136.	7.1	57
63	Further Characterization of the Signaling Proteolysis Step in the <i>Aspergillus nidulans</i> pH Signal Transduction Pathway. <i>Eukaryotic Cell</i> , 2007, 6, 960-970.	3.4	57
64	New Interfacial Microtubule Inhibitors of Marine Origin, PM050489/PM060184, with Potent Antitumor Activity and a Distinct Mechanism. <i>ACS Chemical Biology</i> , 2013, 8, 2084-2094.	3.4	57
65	Characterization of <i>Aspergillus nidulans</i> RabC/Rab6. <i>Traffic</i> , 2011, 12, 386-406.	2.7	56
66	Searching for gold beyond mitosis. <i>Cellular Logistics</i> , 2012, 2, 2-14.	0.9	56
67	Receptor-independent Ambient pH Signaling by Ubiquitin Attachment to Fungal Arrestin-like PalF. <i>Journal of Biological Chemistry</i> , 2010, 285, 18095-18102.	3.4	55
68	TRAPP II regulates exocytic Golgi exit by mediating nucleotide exchange on the Ypt31 ortholog RabE ^{RAB11} . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4346-4351.	7.1	55
69	Physiological Involvement in pH Signaling of Vps24-mediated Recruitment of <i>Aspergillus</i> PalB Cysteine Protease to ESCRT-III. <i>Journal of Biological Chemistry</i> , 2009, 284, 4404-4412.	3.4	54
70	Endocytic recycling via the TGN underlies the polarized hyphal mode of life. <i>PLoS Genetics</i> , 2018, 14, e1007291.	3.5	52
71	Ras GTPase-Activating Protein Regulation of Actin Cytoskeleton and Hyphal Polarity in <i>Aspergillus nidulans</i> . <i>Eukaryotic Cell</i> , 2008, 7, 141-153.	3.4	51
72	In vitro binding of the two-finger repressor CreA to several consensus and non-consensus sites at the upstream region is context dependent. <i>FEBS Letters</i> , 1994, 342, 43-48.	2.8	50

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73	Live-cell imaging of <i>Aspergillus nidulans</i> autophagy. <i>Autophagy</i> , 2013, 9, 1024-1043.	9.1	50
74	Transport of fungal RAB11 secretory vesicles involves myosin-5, dynein/dynactin/p25, and kinesin-1 and is independent of kinesin-3. <i>Molecular Biology of the Cell</i> , 2017, 28, 947-961.	2.1	49
75	Rescue of <i>Aspergillus nidulans</i> severely debilitating null mutations in ESCRT-0, I, II and III genes by inactivation of a salt-tolerance pathway allows examination of ESCRT gene roles in pH signalling. <i>Journal of Cell Science</i> , 2011, 124, 4064-4076.	2.0	48
76	Structure of protein-containing replicative intermediates of <i>Bacillus subtilis</i> phage ϕ 29 DNA. <i>Virology</i> , 1982, 116, 1-18.	2.4	47
77	Overexpression of two penicillin structural genes in <i>Aspergillus nidulans</i> . <i>Molecular Genetics and Genomics</i> , 1995, 246, 110-118.	2.4	47
78	<i>Aspergillus nidulans</i> CkiA is an essential casein kinase I required for delivery of amino acid transporters to the plasma membrane. <i>Molecular Microbiology</i> , 2012, 84, 530-549.	2.5	45
79	Transformation in <i>Penicillium chrysogenum</i> . <i>Gene</i> , 1987, 51, 97-102.	2.2	43
80	Cytoplasmic dynein and early endosome transport. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3267-3280.	5.4	40
81	The <i>Aspergillus nidulans</i> Peripheral ER: Disorganization by ER Stress and Persistence during Mitosis. <i>PLoS ONE</i> , 2013, 8, e67154.	2.5	36
82	Template requirements for initiation of phage ϕ 29 DNA replication in vitro.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 80-84.	7.1	35
83	Fungal Metabolic Model for 3-Methylcrotonyl-CoA Carboxylase Deficiency. <i>Journal of Biological Chemistry</i> , 2004, 279, 4578-4587.	3.4	34
84	Factors involved in the initiation of phage ϕ 29 DNA replication in vitro: requirement of the gene 2 product for the formation of the protein p3-dAMP complex. <i>Nucleic Acids Research</i> , 1983, 11, 1309-1323.	14.5	33
85	Analysis of a novel calcium auxotrophy in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2010, 47, 647-655.	2.1	33
86	Molecular cloning of the uaY regulatory gene of <i>Aspergillus nidulans</i> reveals a favoured region for DNA insertions. <i>Molecular Genetics and Genomics</i> , 1991, 230, 369-375.	2.4	32
87	Spectrophotometric Determination of Homogentisate Using <i>Aspergillus nidulans</i> Homogentisate Dioxygenase. <i>Analytical Biochemistry</i> , 1997, 245, 218-221.	2.4	30
88	Mutational Analysis of the pH Signal Transduction Component PalC of <i>Aspergillus nidulans</i> Supports Distant Similarity to BRO1 Domain Family Members. <i>Genetics</i> , 2005, 171, 393-401.	2.9	28
89	AgtA, the Dicarboxylic Amino Acid Transporter of <i>Aspergillus nidulans</i> , Is Concertedly Down-Regulated by Exquisite Sensitivity to Nitrogen Metabolite Repression and Ammonium-Elicited Endocytosis. <i>Eukaryotic Cell</i> , 2009, 8, 339-352.	3.4	28
90	A lacZ reporter fusion method for the genetic analysis of regulatory mutations in pathways of fungal secondary metabolism and its application to the <i>Aspergillus nidulans</i> penicillin pathway. <i>Journal of Bacteriology</i> , 1995, 177, 6069-6076.	2.2	27

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91	Characterisation of the gene encoding acetyl-CoA synthetase in <i>Penicillium chrysogenum</i> : conservation of intron position in plectomycetes. <i>Gene</i> , 1993, 130, 265-270.	2.2	25
92	Characterization of <i>Aspergillus nidulans</i> TRAPPs uncovers unprecedented similarities between fungi and metazoans and reveals the modular assembly of TRAPP. <i>PLoS Genetics</i> , 2019, 15, e1008557.	3.5	25
93	The upstream region of the IPNS gene determines expression during secondary metabolism in <i>Aspergillus nidulans</i> . <i>Gene</i> , 1990, 89, 109-115.	2.2	24
94	Conditional inactivation of <i>Aspergillus nidulans</i> SarA uncovers the morphogenetic potential of regulating endoplasmic reticulum (ER) exit. <i>Molecular Microbiology</i> , 2015, 95, 491-508.	2.5	24
95	The fungal RABOME: RAB GTPases acting in the endocytic and exocytic pathways of <i>Aspergillus nidulans</i> (with excursions to other filamentous fungi). <i>Molecular Microbiology</i> , 2021, 116, 53-70.	2.5	22
96	A Fungal Perspective on Human Inborn Errors of Metabolism: Alkaptonuria and Beyond. <i>Fungal Genetics and Biology</i> , 2001, 34, 1-10.	2.1	21
97	<i>Aspergillus nidulans</i> Ambient pH Signaling Does Not Require Endocytosis. <i>Eukaryotic Cell</i> , 2015, 14, 545-553.	3.4	21
98	Functional analysis of MCCA and MCCB mutations causing methylcrotonylglycinuria. <i>Molecular Genetics and Metabolism</i> , 2003, 80, 315-320.	1.1	20
99	GBF/Gea mutant with a single substitution sustains fungal growth in the absence of BIG/Sec7. <i>FEBS Letters</i> , 2014, 588, 4799-4806.	2.8	19
100	The <i>Aspergillus nidulans</i> syntaxin PepA ^{Pep12} is regulated by two Sec1/Munc18 proteins to mediate fusion events at early endosomes, late endosomes and vacuoles. <i>Molecular Microbiology</i> , 2016, 99, 199-216.	2.5	17
101	Genetic dissection of the secretory route followed by a fungal extracellular glycosyl hydrolase. <i>Molecular Microbiology</i> , 2018, 109, 781-800.	2.5	17
102	Mutational analysis of the <i>Aspergillus</i> ambient pH receptor PalH underscores its potential as a target for antifungal compounds. <i>Molecular Microbiology</i> , 2016, 101, 982-1002.	2.5	16
103	Recognizing gene regulation by ambient pH. <i>Fungal Genetics and Biology</i> , 2003, 40, 1-3.	2.1	15
104	Cell Biology of Hyphal Growth. , 0, , 231-265.		15
105	The Essential <i>Aspergillus nidulans</i> GenepmA Encodes an Homologue of Fungal Plasma Membrane H ⁺ -ATPases. <i>Fungal Genetics and Biology</i> , 1998, 23, 288-299.	2.1	14
106	Refining the pH response in <i>Aspergillus nidulans</i> : a modulatory triad involving PacX, a novel zinc binuclear cluster protein. <i>Molecular Microbiology</i> , 2015, 98, 1051-1072.	2.5	14
107	An Isoprenylation and Palmitoylation Motif Promotes Intraluminal Vesicle Delivery of Proteins in Cells from Distant Species. <i>PLoS ONE</i> , 2014, 9, e107190.	2.5	14
108	NapA and NapB are the <i>Aspergillus nidulans</i> Nap/SET family members and NapB is a nuclear protein specifically interacting with importin β . <i>Fungal Genetics and Biology</i> , 2008, 45, 278-291.	2.1	13

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109	Identification of the guanine nucleotide exchange factor for SAR1 in the filamentous fungal model <i>Aspergillus nidulans</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 118551.	4.1	13
110	Characterization of <i>Aspergillus nidulans</i> DidBDid2, a non-essential component of the multivesicular body pathway. <i>Fungal Genetics and Biology</i> , 2010, 47, 636-646.	2.1	12
111	A lipid-managing program maintains a stout <i>S. pitzenkämpfer</i> . <i>Molecular Microbiology</i> , 2015, 97, 1-6.	2.5	12
112	<i>Aspergillus nidulans</i> BapH is a RAB11 effector that connects membranes in the <i>S. pitzenkämpfer</i> with basal autophagy. <i>Molecular Microbiology</i> , 2017, 106, 452-468.	2.5	12
113	COPI localizes to the early Golgi in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2019, 123, 78-86.	2.1	12
114	Carbon regulation of penicillin biosynthesis in <i>Aspergillus nidulans</i> : A minor effect of mutations in <i>creB</i> and <i>creC</i> . <i>FEMS Microbiology Letters</i> , 1995, 126, 63-67.	1.8	12
115	Molecular cloning and characterization of the <i>trpC</i> gene from <i>Penicillium chrysogenum</i> . <i>Molecular Genetics and Genomics</i> , 1986, 205, 248-252.	2.4	11
116	The complete nucleotide sequence of the <i>trpC</i> gene from <i>Penicillium chrysogenum</i> . <i>Nucleic Acids Research</i> , 1987, 15, 1874-1874.	14.5	11
117	<i>En bloc</i> TGN recruitment of <i>Aspergillus</i> TRAPP II reveals TRAPP maturation as unlikely to drive RAB1-to-RAB11 transition. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	11
118	Secretion of mature human interferon alpha 2 into the periplasmic space of <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 1986, 4, 255-267.	3.8	10
119	Fungal Metabolic Model for Type I 3-Methylglutaconic Aciduria. <i>Journal of Biological Chemistry</i> , 2004, 279, 32385-32392.	3.4	10
120	Adaptation of the Tokuyasu method for the ultrastructural study and immunogold labelling of filamentous fungi. <i>Journal of Electron Microscopy</i> , 2011, 60, 211-216.	0.9	10
121	Cloning of the <i>PYR4</i> gene encoding orotidine-5'-phosphate decarboxylase in <i>Cephalosporium acremonium</i> . <i>Current Genetics</i> , 1990, 17, 223-227.	1.7	9
122	Molecular basis of resistance to the microtubule-depolymerizing antitumor compound plocabulin. <i>Scientific Reports</i> , 2018, 8, 8616.	3.3	9
123	The subunit I of the respiratory-chain NADH dehydrogenase from <i>Cephalosporium acremonium</i> : the evolution of a mitochondrial gene. <i>Current Genetics</i> , 1986, 10, 797-801.	1.7	8
124	Tracking exocytosis of a GPI-anchored protein in <i>Aspergillus nidulans</i> . <i>Traffic</i> , 2020, 21, 675-688.	2.7	8
125	Genetic studies on the physiological role of CORVET in <i>Aspergillus nidulans</i> . <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	6
126	The type V myosin-containing complex HUM is a RAB11 effector powering movement of secretory vesicles. <i>IScience</i> , 2022, 25, 104514.	4.1	6

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127	Structure of a <i>Cephalosporium acremonium</i> mtDNA replicator. <i>FEBS Letters</i> , 1986, 198, 92-98.	2.8	5
128	Probing the effect of tip pressure on fungal growth: Application to <i>Aspergillus nidulans</i> . <i>Physical Review E</i> , 2017, 96, 022402.	2.1	5
129	Putative membrane components of signal transduction pathways for ambient pH regulation in <i>Aspergillus</i> and meiosis in <i>Saccharomyces</i> are homologous.. <i>Molecular Microbiology</i> , 2001, 39, 211-211.	2.5	2
130	Regulation of Gene Expression by Ambient pH. , 2014, , 480-487.		2
131	Expression of fungal genes involved in penicillin biosynthesis. <i>World Journal of Microbiology and Biotechnology</i> , 1993, 9, 461-467.	3.6	1
132	On how a transcription factor can avoid its proteolytic activation in the absence of signal transduction. <i>EMBO Journal</i> , 2000, 19, 2391-2391.	7.8	1
133	Comment on Dimou et al. Profile of Membrane Cargo Trafficking Proteins and Transporters Expressed under N Source Derepressing Conditions in <i>Aspergillus nidulans</i> . <i>J. Fungi</i> 2021, 7, 560. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 1037.	3.5	1
134	Ambient pH signal transduction in <i>Aspergillus</i> : completion of gene characterization. <i>Molecular Microbiology</i> , 1999, 34, 1149-1149.	2.5	0
135	PRIMING OF PHAGE λ 29 REPLICATION BY PROTEIN p3, COVALENTLY LINKED TO THE 5' ENDS OF THE DNA1. , 1981, , 437-453.		0