

Antonis Rokas

List of Publications by Year in descending order

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Version: 2024-02-01

425
papers

26,731
citations

8446

76
h-index

10370

141
g-index

598
all docs

598
docs citations

598
times ranked

36727
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The cell morphological diversity of <i>Saccharomycotina</i> yeasts. <i>FEMS Yeast Research</i> , 2024, 24, . | 2.3 | 2 |
| 2 | Predicting fungal secondary metabolite activity from biosynthetic gene cluster data using machine learning. <i>Microbiology Spectrum</i> , 2024, 12, . | 3.0 | 2 |
| 3 | Create, Analyze, and Visualize Phylogenomic Datasets Using PhyloFisher. <i>Current Protocols</i> , 2024, 4, . | 1.7 | 2 |
| 4 | Doping Strategy in Developing Ni-Rich Cathodes for High-Performance Lithium-Ion Batteries. <i>ACS Energy Letters</i> , 2024, 9, 740-747. | 18.4 | 8 |
| 5 | Tandem decarboxylation/fluorination of N-acetylanthranilic acids by iridium complexes. <i>Journal of Fluorine Chemistry</i> , 2024, 274, 110260. | 1.7 | 0 |
| 6 | Magnetic-optical dual-modality imaging monitoring chemotherapy efficacy of pancreatic ductal adenocarcinoma with a low-dose fibronectin-targeting Gd-based contrast agent. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2024, 51, 1841-1855. | 6.7 | 2 |
| 7 | <i>Saccharomycotina</i> yeasts defy long-standing macroecological patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, . | 7.6 | 2 |
| 8 | Functional and Evolutionary Integration of a Fungal Gene With a Bacterial Operon. <i>Molecular Biology and Evolution</i> , 2024, 41, . | 9.2 | 1 |
| 9 | Phylogenomics reveals extensive misidentification of fungal strains from the genus <i>Aspergillus</i> . <i>Microbiology Spectrum</i> , 2024, 12, . | 3.0 | 1 |
| 10 | Abstract 3946: Weaving equity into the fabric of health: A deep dive into race, social determinants of health and facility type in pancreatic adenocarcinoma care. <i>Cancer Research</i> , 2024, 84, 3946-3946. | 0.9 | 0 |
| 11 | The evolution of the gliotoxin biosynthetic gene cluster in <i>Penicillium</i> fungi. <i>G3: Genes, Genomes, Genetics</i> , 2024, 14, . | 1.9 | 0 |
| 12 | Machine learning enables identification of an alternative yeast galactose utilization pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, . | 7.6 | 3 |
| 13 | Enhanced Red Up-conversion Emission of Lu ³⁺ ; Doped Na ₅ Y ₉ F ₃₂ :Ho ³⁺ /Yb ³⁺ Single Crystal and Optical Temperature Sensing Performance. <i>Chinese Journal of Luminescence</i> , 2024, 45, 1104-1113. | 0.5 | 0 |
| 14 | Strain heterogeneity in a non-pathogenic <i>Aspergillus</i> fungus highlights factors associated with virulence. <i>Communications Biology</i> , 2024, 7, . | 4.5 | 0 |
| 15 | A taxon-rich and genome-scale phylogeny of Opisthokonta. <i>PLoS Biology</i> , 2024, 22, e3002794. | 5.4 | 0 |
| 16 | Diverse signatures of convergent evolution in cactus-associated yeasts. <i>PLoS Biology</i> , 2024, 22, e3002832. | 5.4 | 0 |
| 17 | Evolutionary origin and population diversity of a cryptic hybrid pathogen. <i>Nature Communications</i> , 2024, 15, . | 13.2 | 0 |
| 18 | Evolution and codon usage bias of mitochondrial and nuclear genomes in <i>Aspergillus</i> section <i>Flavi</i> . <i>G3: Genes, Genomes, Genetics</i> , 2023, 13, . | 1.9 | 7 |

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|----|--|------|-----------|
| 19 | The dawn of relaxed phylogenetics. <i>PLoS Biology</i> , 2023, 21, e3001998. | 5.4 | 1 |
| 20 | GSEL: a fast, flexible python package for detecting signatures of diverse evolutionary forces on genomic regions. <i>Bioinformatics</i> , 2023, 39, . | 4.2 | 2 |
| 21 | COVID-19-Associated Pulmonary Aspergillosis Isolates Are Genomically Diverse but Similar to Each Other in Their Responses to Infection-Relevant Stresses. <i>Microbiology Spectrum</i> , 2023, 11, . | 3.0 | 4 |
| 22 | Genetic effects on the timing of parturition and links to fetal birth weight. <i>Nature Genetics</i> , 2023, 55, 559-567. | 20.4 | 23 |
| 23 | A global phylogenomic analysis of the shiitake genus <i>Lentinula</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, . | 7.6 | 8 |
| 24 | Extracorporeal Carbon Dioxide Removal With the Hemolung in Patients With Acute Respiratory Failure: A Multicenter Retrospective Cohort Study*. <i>Critical Care Medicine</i> , 2023, 51, 892-902. | 0.9 | 8 |
| 25 | Codon Optimization Improves the Prediction of Xylose Metabolism from Gene Content in Budding Yeasts. <i>Molecular Biology and Evolution</i> , 2023, 40, . | 9.2 | 11 |
| 26 | Incongruence in the phylogenomics era. <i>Nature Reviews Genetics</i> , 2023, 24, 834-850. | 16.7 | 44 |
| 27 | Intermittency and critical mixing in internally heated stratified channel flow. <i>Journal of Fluid Mechanics</i> , 2023, 963, . | 3.5 | 3 |
| 28 | Draft genomes of <i>Aspergillus nomiae</i> and <i>Aspergillus tamarii</i> isolates from human eye infections. <i>Microbiology Resource Announcements</i> , 2023, 12, . | 2.0 | 1 |
| 29 | Design and Process Variation Analysis of High-performance n and p-channel Insulated-gate Asymmetric-DG MOSFET. <i>Silicon</i> , 2023, 15, 8019-8029. | 3.3 | 1 |
| 30 | Comparative Analysis of the Degree of Hydrolysis of Biopolymers in Hyaline Cartilage Homogenates in the Presence of Proteolytic Enzymes. <i>Biophysics (Russian Federation)</i> , 2023, 68, 1021-1027. | 0.8 | 0 |
| 31 | Risk factors and outcome of pulmonary aspergillosis in critically ill coronavirus disease 2019 patients—a multinational observational study by the European Confederation of Medical Mycology. <i>Clinical Microbiology and Infection</i> , 2022, 28, 580-587. | 6.5 | 154 |
| 32 | The evolution of the GALactose utilization pathway in budding yeasts. <i>Trends in Genetics</i> , 2022, 38, 97-106. | 6.9 | 23 |
| 33 | Sinuuous stromatolites of the Chandi Formation, Chattisgarh Basin, India: their origin and implications for Mesoproterozoic seawater. <i>Geological Magazine</i> , 2022, 159, 279-292. | 1.8 | 1 |
| 34 | Heterogeneity in the transcriptional response of the human pathogen <i>Aspergillus fumigatus</i> to the antifungal agent caspofungin. <i>Genetics</i> , 2022, 220, . | 2.9 | 18 |
| 35 | A compact fiber-based sensor for wide range strain measurement. <i>Optics and Laser Technology</i> , 2022, 148, 107743. | 4.6 | 3 |
| 36 | Neoadjuvant Therapy Is Associated with Improved Chemotherapy Delivery and Overall Survival Compared to Upfront Resection in Pancreatic Cancer without Increasing Perioperative Complications. <i>Cancers</i> , 2022, 14, 609. | 3.8 | 2 |

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|----|---|------|-----------|
| 37 | Age-dependent effects of a high-fat diet combined with dietary advanced glycation end products on cognitive function and protection with voluntary exercise. <i>Food and Function</i> , 2022, 13, 4445-4458. | 4.6 | 5 |
| 38 | Lung Restriction in Patients With Breast Cancer After Hypofractionated and Conventional Radiation Therapy: A 10-Year Follow-up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 561-569. | 0.8 | 5 |
| 39 | Resistance-Guided Mining of Bacterial Genotoxins Defines a Family of DNA Glycosylases. <i>MBio</i> , 2022, 13, e0329721. | 4.4 | 4 |
| 40 | Searches for rare B_s^0 and B_0 decays into four muons. <i>Journal of High Energy Physics</i> , 2022, 2022, 1. | 4.8 | 4 |
| 41 | Shuxie-1 Decoction Alleviated CUMS -Induced Liver Injury via IL-6/JAK2/STAT3 Signaling. <i>Frontiers in Pharmacology</i> , 2022, 13, 848355. | 3.6 | 7 |
| 42 | An orthologous gene coevolution network provides insight into eukaryotic cellular and genomic structure and function. <i>Science Advances</i> , 2022, 8, eabn0105. | 10.9 | 14 |
| 43 | Evolution of the human pathogenic lifestyle in fungi. <i>Nature Microbiology</i> , 2022, 7, 607-619. | 13.1 | 99 |
| 44 | BioKIT: a versatile toolkit for processing and analyzing diverse types of sequence data. <i>Genetics</i> , 2022, 221, . | 2.9 | 16 |
| 45 | Microbiome-associated human genetic variants impact phenome-wide disease risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 7.6 | 14 |
| 46 | Examination of Genome-Wide Ortholog Variation in Clinical and Environmental Isolates of the Fungal Pathogen <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2022, 13, . | 4.4 | 11 |
| 47 | HGT is widespread in insects and contributes to male courtship in lepidopterans. <i>Cell</i> , 2022, 185, 2975-2987.e10. | 27.8 | 66 |
| 48 | <i>Aspergillus fumigatus</i> FhdA Transcription Factor Is Important for Mitochondrial Activity and Codon Usage Regulation during the Caspofungin Paradoxical Effect. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, . | 3.4 | 1 |
| 49 | Draft Genome Sequence of an <i>Aspergillus</i> Strain Isolated from a Honey Bee Pupa. <i>Microbiology Resource Announcements</i> , 2022, 11, . | 2.0 | 1 |
| 50 | OrthoSNAP: A tree splitting and pruning algorithm for retrieving single-copy orthologs from gene family trees. <i>PLoS Biology</i> , 2022, 20, e3001827. | 5.4 | 15 |
| 51 | Genomic and Phenotypic Trait Variation of the Opportunistic Human Pathogen <i>Aspergillus flavus</i> and Its Close Relatives. <i>Microbiology Spectrum</i> , 2022, 10, . | 3.0 | 13 |
| 52 | Mosaic patterns of selection in genomic regions associated with diverse human traits. <i>PLoS Genetics</i> , 2022, 18, e1010494. | 3.4 | 6 |
| 53 | Contrasting modes of macro and microsynteny evolution in a eukaryotic subphylum. <i>Current Biology</i> , 2022, 32, 5335-5343.e4. | 4.0 | 10 |
| 54 | Differences between home blood pressure and strictly measured office blood pressure and their determinants in Japanese men. <i>Hypertension Research</i> , 2021, 44, 80-87. | 2.8 | 6 |

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|----|--|------|-----------|
| 55 | The influence of evolutionary history on human health and disease. <i>Nature Reviews Genetics</i> , 2021, 22, 269-283. | 16.7 | 161 |
| 56 | Enzymatic degradation, antioxidant and immunoregulatory activities of polysaccharides from brown algae <i>Sargassum fusiforme</i> . <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 1960-1972. | 3.2 | 29 |
| 57 | PhyKIT: a broadly applicable UNIX shell toolkit for processing and analyzing phylogenomic data. <i>Bioinformatics</i> , 2021, 37, 2325-2331. | 4.2 | 94 |
| 58 | Statistical considerations in clinical trial design with event-free survival as the primary efficacy endpoint. <i>Pharmaceutical Statistics</i> , 2021, 20, 721-736. | 1.3 | 1 |
| 59 | Transcriptomic, Protein-DNA Interaction, and Metabolomic Studies of VosA, VelB, and WetA in <i>Aspergillus nidulans</i> Asexual Spores. <i>MBio</i> , 2021, 12, . | 4.4 | 33 |
| 60 | Dissecting Incongruence between Concatenation- and Quartet-Based Approaches in Phylogenomic Data. <i>Systematic Biology</i> , 2021, 70, 997-1014. | 6.0 | 34 |
| 61 | Managing work flow in high enrolling trials: The development and implementation of a sampling strategy in the PREPARE trial. <i>Contemporary Clinical Trials Communications</i> , 2021, 21, 100730. | 1.1 | 0 |
| 62 | Signatures of optimal codon usage in metabolic genes inform budding yeast ecology. <i>PLoS Biology</i> , 2021, 19, e3001185. | 5.4 | 22 |
| 63 | Distribution amplitudes of light diquarks. <i>European Physical Journal A</i> , 2021, 57, 1. | 2.5 | 13 |
| 64 | Improved chondrogenic performance with protective tracheal design of Chitosan membrane surrounding 3D-printed trachea. <i>Scientific Reports</i> , 2021, 11, 9258. | 3.4 | 11 |
| 65 | A genome-scale phylogeny of the kingdom Fungi. <i>Current Biology</i> , 2021, 31, 1653-1665.e5. | 4.0 | 199 |
| 66 | An evolutionary genomic approach reveals both conserved and species-specific genetic elements related to human disease in closely related <i>Aspergillus</i> fungi. <i>Genetics</i> , 2021, 218, . | 2.9 | 19 |
| 67 | Indirect podocyte injury manifested in a partial podocytectomy mouse model. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F922-F933. | 2.9 | 10 |
| 68 | Addressing Conflicts of Interest in Health and Medicine: Current Evidence and Implications for Patient Decision Aid Development. <i>Medical Decision Making</i> , 2021, 41, 768-779. | 2.7 | 7 |
| 69 | A Matrix Metalloproteinase Mediates Tracheal Development in <i>Bombyx mori</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 5618. | 4.2 | 6 |
| 70 | Rooting the Animal Tree of Life. <i>Molecular Biology and Evolution</i> , 2021, 38, 4322-4333. | 9.2 | 115 |
| 71 | A Rare Complication of Microwave Ablation for Renal Cell Carcinoma; Nephrocolic Fistula. <i>Current Medical Imaging</i> , 2021, 17, . | 0.8 | 0 |
| 72 | Assessment of antinuclear antibodies (ANA): National recommendations on behalf of the Croatian society of medical biochemistry and laboratory medicine. <i>Biochemia Medica</i> , 2021, 31, 210-229. | 2.7 | 12 |

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|----|---|-----|-----------|
| 73 | orthofisher: a broadly applicable tool for automated gene identification and retrieval. <i>C3: Genes, Genomes, Genetics</i> , 2021, 11, . | 1.9 | 18 |
| 74 | Knowledge of Safe Food Temperature among Restaurant Supervisors in Dammam, Saudi Arabia. <i>Journal of Food Quality</i> , 2021, 2021, 1-8. | 2.7 | 6 |
| 75 | <i>Aspergillus fumigatus</i> Acetate Utilization Impacts Virulence Traits and Pathogenicity. <i>MBio</i> , 2021, 12, e0168221. | 4.4 | 12 |
| 76 | PhyloFisher: A phylogenomic package for resolving eukaryotic relationships. <i>PLoS Biology</i> , 2021, 19, e3001365. | 5.4 | 58 |
| 77 | Examining Signatures of Natural Selection in Antifungal Resistance Genes Across <i>Aspergillus</i> Fungi. <i>Frontiers in Fungal Biology</i> , 2021, 2, . | 2.1 | 3 |
| 78 | Genomic and Phenotypic Analysis of COVID-19-Associated Pulmonary <i>Aspergillus fumigatus</i> Isolates of <i>Aspergillus fumigatus</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0001021. | 3.0 | 35 |
| 79 | Beyond the Biosynthetic Gene Cluster Paradigm: Genome-Wide Coexpression Networks Connect Clustered and Unclustered Transcription Factors to Secondary Metabolic Pathways. <i>Microbiology Spectrum</i> , 2021, 9, e0089821. | 3.0 | 22 |
| 80 | Optimum initiation-time of direct-acting antivirals for hepatitis C after curative ablation of hepatocellular carcinoma improves neoplastic recurrence-free survival. <i>International Journal of Cancer and Biomedical Research</i> , 2021, . | 0.1 | 0 |
| 81 | Examination of Gene Loss in the DNA Mismatch Repair Pathway and Its Mutational Consequences in a Fungal Phylum. <i>Genome Biology and Evolution</i> , 2021, 13, . | 2.6 | 10 |
| 82 | ggpubfigs: Colorblind-Friendly Color Palettes and ggplot2 Graphic System Extensions for Publication-Quality Scientific Figures. <i>Microbiology Resource Announcements</i> , 2021, 10, e0087121. | 2.0 | 21 |
| 83 | Security Enhancement and Deduplication Using Zeus Algorithm Cloud. <i>Lecture Notes in Networks and Systems</i> , 2021, , 457-466. | 0.0 | 0 |
| 84 | Proteomic analysis of serum and serum exosomes, and their application in intrahepatic cholangiocarcinoma. <i>Chinese Journal of Chromatography (Se Pu)</i> , 2021, 39, 1191-1202. | 0.7 | 1 |
| 85 | Quartet-Based Computations of Internode Certainty Provide Robust Measures of Phylogenetic Incongruence. <i>Systematic Biology</i> , 2020, 69, 308-324. | 6.0 | 42 |
| 86 | Poiseuille Flow of Nematic Liquid Crystals via the Full Ericksen-â€ˆLeslie Model. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 236, 839-891. | 2.4 | 12 |
| 87 | Knockdown of long noncoding RNA GAS5 protects human cardiomyocyte-like AC16 cells against high glucose-induced inflammation by inhibiting miR-21-5p-mediated TLR4/NF- κ B signaling. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1541-1547. | 3.1 | 24 |
| 88 | Monodispersed plasmonic Prussian blue nanoparticles for zero-background SERS/MRI-guided phototherapy. <i>Nanoscale</i> , 2020, 12, 3292-3301. | 5.8 | 46 |
| 89 | <i>Aspergillus fumigatus</i> G-Protein Coupled Receptors GprM and GprJ Are Important for the Regulation of the Cell Wall Integrity Pathway, Secondary Metabolite Production, and Virulence. <i>MBio</i> , 2020, 11, . | 4.4 | 13 |
| 90 | Shaping an Endospore: Architectural Transformations During <i>Bacillus subtilis</i> Sporulation. <i>Annual Review of Microbiology</i> , 2020, 74, 361-386. | 7.6 | 54 |

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|-----|--|------|-----------|
| 91 | The <i>Aspergillus fumigatus</i> transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence. <i>PLoS Pathogens</i> , 2020, 16, e1008645. | 4.1 | 31 |
| 92 | Feature frequency profile-based phylogenies are inaccurate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31580-31581. | 7.6 | 4 |
| 93 | 335 Motivational Factors for Surgical Intervention of Erectile Dysfunction. <i>Journal of Sexual Medicine</i> , 2020, 17, S86. | 0.7 | 0 |
| 94 | An investigation of irreproducibility in maximum likelihood phylogenetic inference. <i>Nature Communications</i> , 2020, 11, 6096. | 13.2 | 40 |
| 95 | Insights on arrhythmia termination and type 2 breaks after ICD therapy delivery. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 1039-1047. | 1.2 | 1 |
| 96 | Sheep feeding preference as a tool to control pine invasion in Patagonia: influence of foliar toughness, terpenoids and resin content. <i>Scientific Reports</i> , 2020, 10, 12113. | 3.4 | 2 |
| 97 | Identification of Leaf-Scale Wheat Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>Tritici</i>) Combining Hyperspectral Imaging and an SVM Classifier. <i>Plants</i> , 2020, 9, 936. | 3.6 | 40 |
| 98 | Draft Genome Sequences of Four <i>Aspergillus</i> Section <i>Fumigati</i> Clinical Strains. <i>Microbiology Resource Announcements</i> , 2020, 9, . | 2.0 | 4 |
| 99 | Psychological Impact of COVID-19 and Lockdown among University Students in Malaysia: Implications and Policy Recommendations. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6206. | 2.7 | 411 |
| 100 | Accounting for diverse evolutionary forces reveals mosaic patterns of selection on human preterm birth loci. <i>Nature Communications</i> , 2020, 11, 3731. | 13.2 | 13 |
| 101 | Combined Targeting of Estrogen Receptor Alpha and Exportin 1 in Metastatic Breast Cancers. <i>Cancers</i> , 2020, 12, 2397. | 3.8 | 13 |
| 102 | Best Practices for Successfully Writing and Publishing a Genome Announcement in <i>Microbiology Resource Announcements</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, . | 2.0 | 0 |
| 103 | Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across <i>Aspergillus</i> Species. <i>Genetics</i> , 2020, 216, 481-497. | 2.9 | 57 |
| 104 | Genome-scale phylogeny and contrasting modes of genome evolution in the fungal phylum Ascomycota. <i>Science Advances</i> , 2020, 6, . | 10.9 | 90 |
| 105 | Why Negative or Positive, If It makes Me Win? Dark Personality in Spanish Competitive Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3504. | 2.7 | 16 |
| 106 | Genomic and Phenotypic Heterogeneity of Clinical Isolates of the Human Pathogens <i>Aspergillus fumigatus</i> , <i>Aspergillus lentulus</i> , and <i>Aspergillus fumigatiaffinis</i> . <i>Frontiers in Genetics</i> , 2020, 11, 459. | 2.3 | 49 |
| 107 | Gliotoxin, a Known Virulence Factor in the Major Human Pathogen <i>Aspergillus fumigatus</i> , Is Also Biosynthesized by Its Nonpathogenic Relative <i>Aspergillus fischeri</i> . <i>MBio</i> , 2020, 11, . | 4.4 | 38 |
| 108 | Recurrent Loss of <i>abaA</i> , a Master Regulator of Asexual Development in Filamentous Fungi, Correlates with Changes in Genomic and Morphological Traits. <i>Genome Biology and Evolution</i> , 2020, 12, 1119-1130. | 2.6 | 21 |

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|-----|--|-----|-----------|
| 109 | Evolving moldy murderers: <i>Aspergillus</i> section <i>Fumigati</i> as a model for studying the repeated evolution of fungal pathogenicity. <i>PLoS Pathogens</i> , 2020, 16, e1008315. | 4.1 | 45 |
| 110 | Pathogenic Allodiploid Hybrids of <i>Aspergillus</i> Fungi. <i>Current Biology</i> , 2020, 30, 2495-2507.e7. | 4.0 | 45 |
| 111 | Into the wild: new yeast genomes from natural environments and new tools for their analysis. <i>FEMS Yeast Research</i> , 2020, 20, . | 2.3 | 31 |
| 112 | Wheldone: Characterization of a Unique Scaffold from the Coculture of <i>Aspergillus fischeri</i> and <i>Xylaria flabelliformis</i> . <i>Organic Letters</i> , 2020, 22, 1878-1882. | 4.8 | 13 |
| 113 | Diversity of Secondary Metabolism in <i>Aspergillus nidulans</i> Clinical Isolates. <i>MSphere</i> , 2020, 5, . | 3.1 | 34 |
| 114 | Functional Characterization of Clinical Isolates of the Opportunistic Fungal Pathogen <i>Aspergillus nidulans</i> . <i>MSphere</i> , 2020, 5, . | 3.1 | 32 |
| 115 | Revised Transcriptome-Based Gene Annotation for <i>Aspergillus flavus</i> Strain NRRL 3357. <i>Microbiology Resource Announcements</i> , 2020, 9, . | 2.0 | 6 |
| 116 | ClipKIT: A multiple sequence alignment trimming software for accurate phylogenomic inference. <i>PLoS Biology</i> , 2020, 18, e3001007. | 5.4 | 286 |
| 117 | New Emission Inventory of Carbonaceous Aerosols from the On-road Transport Sector in India and its Implications for Direct Radiative Forcing over the Region. <i>Aerosol and Air Quality Research</i> , 2020, 20, 741-761. | 2.1 | 15 |
| 118 | Developing a theoretical evolutionary framework to solve the mystery of parturition initiation. <i>ELife</i> , 2020, 9, . | 5.9 | 21 |
| 119 | Best Practices From a Polish Perspective. , 2020, , 134-152. | | 0 |
| 120 | The <i>Aspergillus fumigatus</i> Mismatch Repair <i>MSH2</i> Homolog Is Important for Virulence and Azole Resistance. <i>MSphere</i> , 2019, 4, . | 3.1 | 21 |
| 121 | Immune Regulation in Eutherian Pregnancy: Live Birth Coevolved with Novel Immune Genes and Gene Regulation. <i>BioEssays</i> , 2019, 41, e1900072. | 2.6 | 6 |
| 122 | Variation and selection on codon usage bias across an entire subphylum. <i>PLoS Genetics</i> , 2019, 15, e1008304. | 3.4 | 74 |
| 123 | Empty Pericarp21 encodes a novel PPR-DYW protein that is required for mitochondrial RNA editing at multiple sites, complexes I and V biogenesis, and seed development in maize. <i>PLoS Genetics</i> , 2019, 15, e1008305. | 3.4 | 35 |
| 124 | A Robust Phylogenomic Time Tree for Biotechnologically and Medically Important Fungi in the Genera <i>Aspergillus</i> and <i>Penicillium</i> . <i>MBio</i> , 2019, 10, . | 4.4 | 114 |
| 125 | Multiple Reinventions of Mating-type Switching during Budding Yeast Evolution. <i>Current Biology</i> , 2019, 29, 2555-2562.e8. | 4.0 | 36 |
| 126 | Genomic features and evolution of the conditionally dispensable chromosome in the tangerine pathotype of <i>Alternaria alternata</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 1425-1438. | 4.4 | 24 |

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|-----|--|-----|-----------|
| 127 | Genome-wide association analysis uncovers variants for reproductive variation across dog breeds and links to domestication. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 93-103. | 2.6 | 12 |
| 128 | Treehouse: a user-friendly application to obtain subtrees from large phylogenies. <i>BMC Research Notes</i> , 2019, 12, 541. | 1.4 | 16 |
| 129 | Variants in oxidative stress-related genes affect the chemosensitivity through Nrf2-mediated signaling pathway in biliary tract cancer. <i>EBioMedicine</i> , 2019, 48, 143-160. | 6.0 | 21 |
| 130 | Signatures of Recent Positive Selection in Enhancers Across 41 Human Tissues. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2761-2774. | 1.9 | 18 |
| 131 | Nutritional Heterogeneity Among <i>Aspergillus fumigatus</i> Strains Has Consequences for Virulence in a Strain- and Host-Dependent Manner. <i>Frontiers in Microbiology</i> , 2019, 10, 854. | 3.6 | 57 |
| 132 | Effects of C8 nerve root block during interscalene brachial plexus block on anesthesia of the posterior shoulder in patients undergoing arthroscopic shoulder surgery: study protocol for a prospective randomized parallel-group controlled trial. <i>Trials</i> , 2019, 20, 533. | 1.7 | 4 |
| 133 | Call to Action: Librarians Promoting Health Literacy Assessments in Oral Communication. <i>Journal of Hospital Librarianship</i> , 2019, 19, 129-143. | 0.4 | 2 |
| 134 | The Impact of Natural Selection on the Evolution and Function of Placentally Expressed Galectins. <i>Genome Biology and Evolution</i> , 2019, 11, 2574-2592. | 2.6 | 16 |
| 135 | The use of Ca + Pd + Zr as modifiers in the determination of sulfur by HR-CS GF MAS with solid sampling. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 498-503. | 2.6 | 6 |
| 136 | Genes that improved fitness also cost modern humans: evidence for genes with antagonistic effects on longevity and disease. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 4-6. | 2.6 | 9 |
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