Andrey Yurkov

List of Publications by Year
in descending order

90 papers	8,892 citations	159585 30 h-index	58581 82 g-index
98 all docs	98 docs citations	98 times ranked	9866 citing authors

#	Article	IF	Citations
1	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for <i>Fungi</i>. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6241-6246.	7.1	4,012
2	One fungus, which genes? Development and assessment of universal primers for potential secondary fungal DNA barcodes. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 35, 242-263.	4.4	416
3	Outline of Fungi and fungus-like taxa. Mycosphere, 2020, 11, 1060-1456.	6.1	405
4	Towards an integrated phylogenetic classification of the <i>Tremellomycetes</i>. Studies in Mycology, 2015, 81, 85-147.	7.2	393
5	The Amsterdam Declaration on Fungal Nomenclature. IMA Fungus, 2011, 2, 105-111.	3.8	320
6	Notes, outline and divergence times of Basidiomycota. Fungal Diversity, 2019, 99, 105-367.	12.3	256
7	Unambiguous identification of fungi: where do we stand and how accurate and precise is fungal DNA barcoding?. IMA Fungus, 2020, 11, 14.	3.8	232
8	Notes for genera: Ascomycota. Fungal Diversity, 2017, 86, 1-594.	12.3	213
9	Phylogenetic classification of yeasts and related taxa within <i>Pucciniomycotina</i>. Studies in Mycology, 2015, 81, 149-189.	7.2	202
10	General Relationships between Abiotic Soil Properties and Soil Biota across Spatial Scales and Different Land-Use Types. PLoS ONE, 2012, 7, e43292.	2.5	142
11	Fusarium: more than a node or a foot-shaped basal cell. Studies in Mycology, 2021, 98, 100116.	7.2	134
12	Assessment of yeast diversity in soils under different management regimes. Fungal Ecology, 2012, 5, 24-35.	1.6	108
13	Yeasts of the soil â€“ obscure but precious. Yeast, 2018, 35, 369-378.	1.7	108
14	Longâ€read DNA metabarcoding of ribosomal RNA in the analysis of fungi from aquatic environments. Molecular Ecology Resources, 2018, 18, 1500-1514.	4.8	103
15	Fungal taxonomy and sequence-based nomenclature. Nature Microbiology, 2021, 6, 540-548.	13.3	101
16	Diversity and phylogeny of basidiomycetous yeasts from plant leaves and soil: Proposal of two new orders, three new families, eight new genera and one hundred and seven new species. Studies in Mycology, 2020, 96, 17-140.	7.2	88
17	How to publish a new fungal species, or name, version 3.0. IMA Fungus, 2021, 12, 11.	3.8	76
18	Extremophilic yeasts: the toughest yeasts around?. Yeast, 2018, 35, 487-497.	1.7	67

#	Article	IF	Citations
19	Species Accumulation Curves and Incidence-Based Species Richness Estimators to Appraise the Diversity of Cultivable Yeasts from Beech Forest Soils. PLoS ONE, 2011, 6, e23671.	2.5	61
20	Two yeast species Cystobasidium psychroaquaticum f.a. sp. nov. and Cystobasidium rietchieii f.a. sp. nov. isolated from natural environments, and the transfer of Rhodotorula minuta clade members to the genus Cystobasidium. Antonie Van Leeuwenhoek, 2015, 107, 173-185.	1.7	56
21	Nectar sugars and bird visitation define a floral niche for basidiomycetous yeast on the Canary Islands. BMC Ecology, 2015, 15, 2.	3.0	52
22	Pigmented basidiomycetous yeasts are a promising source of carotenoids and ubiquinone Q10. Microbiology, 2008, 77, 1-6.	1.2	46
23	Basidiomycetous Yeasts from Boletales Fruiting Bodies and Their Interactions with the Mycoparasite Sepedonium chrysospermum and the Host Fungus Paxillus. Microbial Ecology, 2012, 63, 295-303.	2.8	42
24	Multigene Assessment of the Species Boundaries and Sexual Status of the Basidiomycetous Yeasts Cryptococcus flavescens and C. terrestris (Tremellales). PLoS ONE, 2015, 10, e0120400.	2.5	40
25	Yeast Biogeography and the Effects of Species Recognition Approaches: The Case Study of Widespread Basidiomycetous Species from Birch Forests in Russia. Current Microbiology, 2015, 70, 587-601.	2.2	39
26	Local climatic conditions constrain soil yeast diversity patterns in Mediterranean forests, woodlands and scrub biome. FEMS Yeast Research, 2016, 16, fov103.	2.3	39
27	Yeast culture collections in the twentyâ€first century: new opportunities and challenges. Yeast, 2016, 33, 243-260.	1.7	37
28	Genetic and Genomic Analyses Reveal Boundaries between Species Closely Related to <i>Cryptococcus</i> Pathogens. MBio, 2019, 10, .	4.1	37
29	The evolving species concepts used for yeasts: from phenotypes and genomes to speciation networks. Fungal Diversity, 2021, 109, 27-55.	12.3	37
30	Yeasts producing zeatin. PeerJ, 2019, 7, e6474.	2.0	37
31	Yeast communities in Sphagnum phyllosphere along the temperature-moisture ecocline in the boreal forest-swamp ecosystem and description of Candida sphagnicola sp. nov.. Antonie Van Leeuwenhoek, 2012, 102, 29-43.	1.7	36
32	Characterization of yeast groupings in the phyllosphere of Sphagnum mosses. Microbiology, 2008, 77, 474-481.	1.2	34
33	Aboveground Deadwood Deposition Supports Development of Soil Yeasts. Diversity, 2012, 4, 453-474.	1.7	34
34	Description of Taphrina antarctica f.a. sp. nov., a new anamorphic ascomycetous yeast species associated with Antarctic endolithic microbial communities and transfer of four Lalaria species in the genus Taphrina. Extremophiles, 2014, 18, 707-721.	2.3	33
35	Taxonomic annotation of public fungal ITS sequences from the built environment â€“ a report from an April 10â€“11, 2017 workshop (Aberdeen, UK). MycoKeys, 2018, 28, 65-82.	1.9	33
36	Inoculation order of nectar-borne yeasts opens a door for transient species and changes nectar rewarded to pollinators. Fungal Ecology, 2016, 22, 90-97.	1.6	31

#	Article	IF	Citations
37	Trends in yeast diversity discovery. Fungal Diversity, 2022, 114, 491-537.	12.3	31
38	The yeast Candida railenensis in the fruits of English oak (Quercus robur L.). Microbiology, 2009, 78, 355-359.	1.2	28
39	Yeast diversity and species recovery rates from beech forest soils. Mycological Progress, 2016, 15, 845-859.	1.4	28
40	Species diversity of Basidiomycota. Fungal Diversity, 2022, 114, 281-325.	12.3	28
41	Forest soil yeasts: Decomposition potential and the utilization of carbon sources. Fungal Ecology, 2018, 34, 10-19.	1.6	27
42	Phylloplane Yeasts in Temperate Climates. , 2017, , 171-197.		26
43	Parasitism in Yeasts. , 2017, , 179-210.		26
44	Leaf-inhabiting endophytic yeasts are abundant but unevenly distributed in three Ficus species from botanical garden greenhouses in Germany. Mycological Progress, 2015, 14, 1.	1.4	25
45	Massive isolation of anamorphous ascomycete yeasts Candida oleophila from plant phyllosphere. Microbiology, 2007, 76, 799-803.	1.2	23
46	Ogataea cecidiorum sp. nov., a methanol-assimilating yeast isolated from galls on willow leaves. Antonie Van Leeuwenhoek, 2010, 98, 93-101.	1.7	22
47	Contrasting phylogenetic patterns of anther smuts (Pucciniomycotina: Microbotryum) reflect phylogenetic patterns of their caryophyllaceous hosts. Organisms Diversity and Evolution, 2013, 13, 111-126.	1.6	22
48	Tradeoffs in hyphal traits determine mycelium architecture in saprobic fungi. Scientific Reports, 2019, 9, 14152.	3.3	22
49	2. The Amsterdam Declaration on fungal nomenclature. Mycotaxon, 2011, 116, 491-500.	0.3	21
50	Leucosporidium drummii sp. nov., a member of the Microbotryomycetes isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 728-734.	1.7	20
51	Rare and undersampled dimorphic basidiomycetes. Mycological Progress, 2019, 18, 945-971.	1.4	20
52	Setting scientific names at all taxonomic ranks in italics facilitates their quick recognition in scientific papers. IMA Fungus, 2020, 11, 25.	3.8	20
53	Sugiyamaella mastotermitis sp. nov. and Papiliotrema odontotermitis f.a., sp. nov. from the gut of the termites Mastotermes darwiniensis and Odontotermes obesus. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4600-4608.	1.7	20
54	Aerobic Methanotrophs in Natural and Agricultural Soils of European Russia. Diversity, 2013, 5, 541-556.	1.7	19

#	ARTICLE	IF	CITATIONS
55	Methane oxidation activity and diversity of aerobic methanotrophs in pH-neutral and semi-neutral thermal springs of the Kunashir Island, Russian Far East. Extremophiles, 2014, 18, 207-218.	2.3	18
56	Delimiting species in Basidiomycota: a review. Fungal Diversity, 2021, 109, 181-237.	12.3	18
57	A complete digitization of German herbaria is possible, sensible and should be started now. Research Ideas and Outcomes, 0, 6, .	1.0	18
58	Yeasts from temperate forests. Yeast, 2022, 39, 4-24.	1.7	18
59	Influence of Lumbricus terrestris earthworms on the structure of the yeast community of forest litter. Microbiology, 2008, 77, 107-111.	1.2	16
60	New isolation method for endophytes based on enzyme digestion. Mycological Progress, 2014, 13, 849-856.	1.4	16
61	Yeasts in Forest Soils. , 2017, , 87-116.		16
62	Spatial structure of epiphytic yeast communities on fruits of Sorbus aucuparia L.. Biology Bulletin, 2009, 36, 613-618.	0.5	14
63	Temporal and Geographic Patterns in Yeast Distribution. , 2017, , 101-130.		14
64	Studies in the Phaeotremella foliacea group (Tremellomycetes, Basidiomycota). Mycological Progress, 2018, 17, 451-466.	1.4	14
65	<i>Arthroderma chiloniense</i> sp. nov. isolated from human stratum corneum: Description of a new <i>Arthroderma</i> species. Mycoses, 2019, 62, 73-80.	4.0	14
66	Diversity of Tilletiopsis-Like Fungi in Exobasidiomycetes (Ustilaginomycotina) and Description of Six Novel Species. Frontiers in Microbiology, 2019, 10, 2544.	3.5	13
67	Nomenclatural issues concerning cultured yeasts and other fungi: why it is important to avoid unneeded name changes. IMA Fungus, 2021, 12, 18.	3.8	13
68	Interspecies-cooperations of abutilon theophrasti with root colonizing microorganisms disarm BOA-OH allelochemicals. Plant Signaling and Behavior, 2017, 12, e1358843.	2.4	12
69	Three new species of Tremellomycetes isolated from maize and northern wild rice. FEMS Yeast Research, 2019, 19, .	2.3	12
70	Mrakia fibulata sp. nov., a psychrotolerant yeast from temperate and cold habitats. Antonie Van Leeuwenhoek, 2020, 113, 499-510.	1.7	11
71	A unique fungal strain collection from Vietnam characterized for high performance degraders of bioecological important biopolymers and lipids. PLoS ONE, 2018, 13, e0202695.	2.5	10
72	Meyerozyma amylolytica sp. nov. from temperate deciduous trees and the transfer of five Candida species to the genus Meyerozyma. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3977-3981.	1.7	10

#	Article	IF	Citations
73	Geographical Races of Certain Species of Ascomycetous Yeasts in the Moscow and Novosibirsk Regions. Microbiology, 2005, 74, 597-601.	1.2	9
74	Yeast Community Composition and Structure. , 2017, , 73-100.		9
75	Jaminaea pallidilutea sp. nov. (Microstromatales), a basidiomycetous yeast isolated from plant material of mangrove forests in Iran. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4405-4408.	1.7	9
76	Cystofilobasidium intermedium sp. nov. and Cystofilobasidium alribaticum f.a. sp. nov., isolated from Mediterranean forest soils. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1058-1062.	1.7	8
77	Graphiola fimbriata: the first species of Graphiolaceae (Exobasidiales, Basidiomycota) described only based on its yeast stage. Mycological Progress, 2019, 18, 359-368.	1.4	7
78	First Isolation of the Yeast Saccharomyces paradoxus in Western Siberia. Microbiology, 2005, 74, 459-462.	1.2	5
79	Phylogenetic study of Cryptococcus laurentii mycocinogenic strains. Mycological Progress, 2013, 12, 777-782.	1.4	5
80	DSMZ: the European Unionâ€™s first Registered Collection under the Nagoya Protocol. Microbiology Australia, 2019, 40, 108.	0.4	5
81	<i>Xanthothecium peruvianum</i> isolated from human stratum corneum: A case report, characterisation and short review that suggest emendation of <i>Arachnomyces peruvianus</i>. Mycoses, 2017, 60, 469-476.	4.0	4
82	Census of Yeasts Isolated from Natural Ecosystem and Conserved in Worldwide Collections. , 2017, , 455-476.		4
83	Physically Triggered Morphology Changes in a Novel Acremonium Isolate Cultivated in Precisely Engineered Microfabricated Environments. Frontiers in Microbiology, 2017, 8, 1269.	3.5	4
84	Ecological status of soils in Moscow Zoo. Eurasian Soil Science, 2009, 42, 342-348.	1.6	3
85	Zygotorulaspora dagestanica sp. nov., a novel ascomycetous yeast species associated with the Georgian honeysuckle (Lonicera iberica M. Bieb.). International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	3
86	Cryptotrichosporon argae sp. nov., Cryptotrichosporon brontae sp. nov. and Cryptotrichosporon steropae sp. nov., isolated from forest soils. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3610-3614.	1.7	3
87	Saccharomycopsis oxydans sp. nov., a new non-fermentative member in the genus Saccharomycopsis isolated from a traditional dairy product of Iran. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1059-1063.	1.7	3
88	Assessment of the functional state of soils in Moscow Zoo on the basis of microbiological parameters. Moscow University Soil Science Bulletin, 2008, 63, 136-141.	0.7	0
89	Persoonial Reflections. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 23, 177-208.	4.4	0
90	Data management in culture collections. , 2022, , 135-155.		0