

Michal Tomsovsky

List of Publications by Year in descending order

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86
papers

1,446
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489802

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docs citations

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times ranked

1952
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#	ARTICLE	IF	CITATIONS
1	Multilocus phylogeny and taxonomy of European <i>Melanoleuca</i> subgenus <i>Melanoleuca</i> . <i>Mycologia</i> , 2022, 114, 114-143.	0.8	5
2	Genera of phytopathogenic fungi: GOPHY 4. <i>Studies in Mycology</i> , 2022, 101, 417-564.	4.5	36
3	Worldwide Genetic Structure Elucidates the Eurasian Origin and Invasion Pathways of <i>Dothistroma septosporum</i> , Causal Agent of <i>Dothistroma</i> Needle Blight. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 111.	1.5	14
4	Mixed-Mating Model of Reproduction Revealed in European <i>Phytophthora cactorum</i> by ddRADseq and Effector Gene Sequence Data. <i>Microorganisms</i> , 2021, 9, 345.	1.6	6
5	<i>Melanoleuca galbuserae</i> , <i>M. fontenlae</i> and <i>M. acystidiata</i> —Three New Species in Subgenus <i>Urticocystis</i> (Pluteaceae, Basidiomycota) with Comments on <i>M. castaneofusca</i> and Related Species. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 191.	1.5	6
6	<i>Desarmillaria caespitosa</i> , a North American vicariant of <i>D. tabescens</i> . <i>Mycologia</i> , 2021, 113, 776-790.	0.8	4
7	Two new <i>Nothophytophthora</i> species from streams in Ireland and Northern Ireland: <i>Nothophytophthora irlandica</i> and <i>N. lirii</i> sp. nov.. <i>PLoS ONE</i> , 2021, 16, e0250527.	1.1	6
8	Additions to the knowledge of hydroid Steccherinaceae: <i>Cabalodontia</i> , <i>Etheirodon</i> , <i>Metuloidea</i> , and <i>Steccherinum</i> . <i>Mycologia</i> , 2021, 113, 791-806.	0.8	10
9	Delimiting species in Basidiomycota: a review. <i>Fungal Diversity</i> , 2021, 109, 181-237.	4.7	18
10	Temporal turnover of the soil microbiome composition is guild-specific. <i>Ecology Letters</i> , 2021, 24, 2726-2738.	3.0	21
11	Stand age affects fungal community composition in a Central European temperate forest. <i>Fungal Ecology</i> , 2020, 48, 100985.	0.7	15
12	<i>Pluteus diana</i> and <i>P. punctatus</i> resurrected, with first records from eastern and northern Europe. <i>Mycotaxon</i> , 2020, 135, 245-274.	0.1	4
13	Integrated Proteomic and Metabolomic Profiling of <i>Phytophthora cinnamomi</i> Attack on Sweet Chestnut (<i>Castanea sativa</i>) Reveals Distinct Molecular Reprogramming Proximal to the Infection Site and Away from It. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8525.	1.8	22
14	Peptide-Based Identification of <i>Phytophthora</i> Isolates and <i>Phytophthora</i> Detection in Planta. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9463.	1.8	7
15	Growth Rates of <i>Lymantria dispar</i> Larvae and <i>Quercus robur</i> Seedlings at Elevated CO ₂ Concentration and <i>Phytophthora plurivora</i> Infection. <i>Forests</i> , 2020, 11, 1059.	0.9	9
16	A Survey in Natural Forest Ecosystems of Vietnam Reveals High Diversity of both New and Described <i>Phytophthora</i> Taxa including <i>P. ramorum</i> . <i>Forests</i> , 2020, 11, 93.	0.9	53
17	Pathogenicity of fungi associated with ash dieback symptoms of one-year-old <i>Fraxinus excelsior</i> in Montenegro. <i>Forest Pathology</i> , 2019, 49, e12539.	0.5	16
18	What is cultivated oyster mushroom? Phylogenetic and physiological study of <i>Pleurotus ostreatus</i> and related taxa. <i>Mycological Progress</i> , 2019, 18, 1173-1186.	0.5	2

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19	An overview of <i>Antrodiella</i> and related genera of Polyporales from the Neotropics. <i>Mycologia</i> , 2019, 111, 813-831.	0.8	10
20	Megaphylogeny resolves global patterns of mushroom evolution. <i>Nature Ecology and Evolution</i> , 2019, 3, 668-678.	3.4	187
21	Occurrence and pathogenicity of <i>Phytophthora cambivora</i> on <i>Prunus laurocerasus</i> in Serbia. <i>Forest Pathology</i> , 2018, 48, e12436.	0.5	1
22	Decline of <i>Paulownia tomentosa</i> caused by <i>Trametes hirsuta</i> in Serbia. <i>Forest Pathology</i> , 2018, 48, e12438.	0.5	7
23	Revision of the taxonomic status of the genus <i>Gloeoporus</i> (Polyporales, Basidiomycota) reveals two new species. <i>Mycological Progress</i> , 2018, 17, 855-863.	0.5	9
24	Effects of oak, beech and spruce on the distribution and community structure of fungi in litter and soils across a temperate forest. <i>Soil Biology and Biochemistry</i> , 2018, 119, 162-173.	4.2	59
25	Clearcutting alters decomposition processes and initiates complex restructuring of fungal communities in soil and tree roots. <i>ISME Journal</i> , 2018, 12, 692-703.	4.4	100
26	A re-evaluation of Neotropical <i>Junghuhnia</i> s.lat. (<i>Polyporales</i> , <i>Basidiomycota</i>) based on morphological and multigene analyses. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2018, 41, 130-141.	1.6	21
27	Diversity of <i>Phytophthora</i> species in Valdivian rainforests and association with severe dieback symptoms. <i>Forest Pathology</i> , 2018, 48, e12443.	0.5	22
28	Taxonomic divergence of the green naked-stipe members of the genus <i>Microglossum</i> (Helotiales). <i>Mycologia</i> , 2017, 109, 46-54.	0.8	3
29	Insights into the phylogeny of Northern Hemisphere <i>Armillaria</i> : Neighbor-net and Bayesian analyses of translation elongation factor 1- β gene sequences. <i>Mycologia</i> , 2017, 109, 75-91.	0.8	30
30	In vitro growth response of <i>Phytophthora cactorum</i> , <i>P. nicotianae</i> and <i>P. pelgrandis</i> to antibiotics and fungicides. <i>Folia Microbiologica</i> , 2017, 62, 269-277.	1.1	7
31	Molecular phylogenetics and taxonomy in <i>Melanoleuca excissa</i> group, (Tricholomataceae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td (<i></i> 2017, 303, 1181-1198.	0.3	9
32	Drivers of yeast community composition in the litter and soil of a temperate forest. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw223.	1.3	73
33	New insights on <i>Trametopsis Tomšovská</i> (Polyporales G \ddot{u} m) based on phylogenetic evidences and morphological analyses of neotropical species. <i>Phytotaxa</i> , 2017, 311, 155.	0.1	13
34	Taxonomy, ecology and distribution of <i>Melanoleuca strictipes</i> (Basidiomycota,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (<i></i> 2017, 303, 1181-1198.	0.2	5
35	<i>Sarcodontia crocea</i> (Basidiomycota, Polyporales) is unrelated to <i>Spongipellis</i> . <i>Phytotaxa</i> , 2016, 288, 197.	0.1	6
36	Marasmioid and gymnopoid fungi of the Republic of Korea. 8. <i>Gymnopus</i> section <i>Impudicae</i> . <i>Phytotaxa</i> , 2016, 286, 75.	0.1	9

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37	Extensive characterization of the new genus <i>Rickiopora</i> (Polyporales). <i>Fungal Biology</i> , 2016, 120, 1002-1009.	1.1	9
38	Morphological and phylogenetic studies of two new neotropical species of <i>Loweomyces</i> (Polyporales), <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	0.5	0
39	Evolutionary relationships within the <i>Phytophthora cactorum</i> species complex in Europe. <i>Fungal Biology</i> , 2016, 120, 836-851.	1.1	24
40	Redescription and epitypification of <i>Clavaria atrofusca</i> Velen.. <i>Czech Mycology</i> , 2016, 68, 67-77.	0.2	0
41	<i>Sanguangporus pilatii</i> , a new combination, revealed as European relative of Asian medicinal fungi. <i>Phytotaxa</i> , 2015, 239, 82.	0.1	10
42	Underground spaces as neglected niche for occurrence of <i>Heterobasidion annosum</i> complex. <i>Forest Pathology</i> , 2015, 45, 373-378.	0.5	3
43	Identity of <i>Agaricus brevipes</i> Bull. (<i>Melanoleuca brevipes</i> , Tricholomataceae, Basidiomycota). <i>Mycological Progress</i> , 2015, 14, 1.	0.5	8
44	Long term storage of <i>Pleurotus ostreatus</i> and <i>Trametes versicolor</i> isolates using different cryopreservation techniques and its impact on laccase activity. <i>Fungal Biology</i> , 2015, 119, 1345-1353.	1.1	3
45	<i>Bjerkandera</i> in the Neotropics: phylogenetic and morphological relations of <i>Tyromyces atroalbus</i> and description of a new species. <i>Mycological Progress</i> , 2015, 14, 1.	0.5	9
46	<i>Crinipellis mezzanensis</i> , a new species from Italy.. <i>Czech Mycology</i> , 2015, 67, 23-27.	0.2	1
47	Species distribution, host affinity and genetic variability of <i>Heterobasidion annosum sensu lato</i> in the Czech Republic. <i>Forest Pathology</i> , 2014, 44, 310-319.	0.5	12
48	Re-evaluation of the morphological variability of <i>Microglossum viride</i> and <i>M. griseovirides</i> sp. nov.. <i>Mycologia</i> , 2014, 106, 282-290.	0.8	6
49	<i>Melanoleuca juliannae</i> (Basidiomycota, Tricholomataceae), a new species from subgen. <i>Urticocystis</i> . <i>Phytotaxa</i> , 2014, 170, 013.	0.1	11
50	Application of molecular genetic methods for identification of wood-decaying fungi in wood constructions. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2014, 56, 281-284.	0.2	1
51	<i>Aurantiporus alborubescens</i> (Basidiomycota, Polyporales) - first record in the Carpathians and notes on its systematic position.. <i>Czech Mycology</i> , 2014, 66, 71-84.	0.2	9
52	The gene flow and mode of reproduction of <i>Dothistroma septosporum</i> in the Czech Republic. <i>Plant Pathology</i> , 2013, 62, 59-68.	1.2	15
53	<i>Porodaedalea cedrina</i> (Basidiomycota, Agaricomycetes, Hymenochaetaceae) - a new polypore from the Mediterranean area. <i>Nova Hedwigia</i> , 2013, 96, 419-426.	0.2	4
54	Taxonomy and phylogeny of European <i>Gymnopus</i> subsection <i>Levipedes</i> (Basidiomycota, Omphalotaceae). <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2013, 31, 179-187.	1.6	20

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55	Identification of <i>Phytophthora alni</i> subspecies in riparian stands in the Czech Republic. <i>Plant Protection Science</i> , 2013, 49, S3-S10.	0.7	6
56	Occurrence of <i>Phytophthora multivora</i> and <i>Phytophthora plurivora</i> in the Czech Republic. <i>Plant Protection Science</i> , 2013, 49, 155-164.	0.7	21
57	Taxonomy of the <i>Gymnopus inusitatus</i> group and the new <i>G. inusitatus</i> var. <i>cystidiatus</i> from Hungary. <i>Mycotaxon</i> , 2012, 119, 291-299.	0.1	5
58	European species of <i>Clavaria</i> (&Agaricales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (&Agar Personia: Molecular Phylogeny and Evolution of Fungi, 2012, 29, 133-145.	1.6	6
59	(2044) Proposal to conserve the name <i>Agaricus tabescens</i> against <i>A. socialis</i> (Basidiomycota). <i>Taxon</i> , 2012, 61, 252-253.	0.4	2
60	Delimitation of an almost forgotten species <i>Spongipellis litschaueri</i> (Polyporales, Basidiomycota) and its taxonomic position within the genus. <i>Mycological Progress</i> , 2012, 11, 415-424.	0.5	28
61	Two collections of albinotic forms of <i>Tubaria</i> (Basidiomycota, Agaricales, Inocybaceae).. <i>Czech Mycology</i> , 2012, 64, 197-208.	0.2	2
62	<i>Phytophthora plurivora</i> T. Jung & T. I. Burgess and other <i>Phytophthora</i> species causing important diseases of ericaceous plants in the Czech Republic. <i>Plant Protection Science</i> , 2011, 47, 13-19.	0.7	8
63	Species recognition and phylogenetic relationships of European <i>Porodaedalea</i> (Basidiomycota,) Tj ETQq1 1 0.784314 rgBT /Overlock 23	0.5	23
64	Delimitation of central and northern European species of the <i>Phellinus igniarius</i> group (Basidiomycota, Hymenochaetales) based on analysis of ITS and translation elongation factor 1 alpha DNA sequences. <i>Mycological Progress</i> , 2010, 9, 431-445.	0.5	26
65	Phylogenetic relationships in European <i>Ceriporiopsis</i> species inferred from nuclear and mitochondrial ribosomal DNA sequences. <i>Fungal Biology</i> , 2010, 114, 350-358.	1.1	67
66	First Report of Root Rot of Pedunculate Oak and Other Forest Tree Species Caused by <i>Phytophthora plurivora</i> in the Czech Republic. <i>Plant Disease</i> , 2010, 94, 272-272.	0.7	7
67	<i>Hypholoma tuberosum</i> , a new representative of the Czech and Central-European mycobiota. <i>Mycotaxon</i> , 2009, 108, 41-47.	0.1	2
68	Genetic variation and relationships in <i>Laetiporus sulphureus</i> s. lat., as determined by ITS rDNA sequences and in vitro growth rate. <i>Mycological Research</i> , 2009, 113, 326-336.	2.5	28
69	Morphological and molecular characterization of the <i>Armillaria cepistipes</i> "A. gallica" complex in the Czech Republic and Slovakia. <i>Mycological Progress</i> , 2009, 8, 259-271.	0.5	40
70	Production and regulation of lignocellulose-degrading enzymes of <i>Poria</i> -like wood-inhabiting basidiomycetes. <i>Folia Microbiologica</i> , 2009, 54, 74-80.	1.1	17
71	<i>Phytophthora cactorum</i> causing bleeding canker of common beech, horse chestnut, and white poplar in the Czech Republic. <i>Plant Pathology</i> , 2009, 58, 394-394.	1.2	12
72	Brown spot needle blight associated with <i>Mycosphaerella dearnessii</i> occurs on <i>Pinus rotundata</i> in the Czech Republic. <i>Plant Pathology</i> , 2009, 58, 398-398.	1.2	8

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73	<i>Phytophthora alni</i> causing decline of black and grey alders in the Czech Republic. Plant Pathology, 2008, 57, 370-370.	1.2	33
74	Molecular phylogeny and taxonomic position of <i>Trametes cervina</i> and description of a new genus <i>Trametopsis</i> .. Czech Mycology, 2008, 60, 1-11.	0.2	17
75	<i>Phytophthora cambivora</i> causing ink disease of sweet chestnut recorded in the Czech Republic.. Czech Mycology, 2008, 60, 265-274.	0.2	8
76	First Report of <i>Phoma exigua</i> var. <i>populi</i> Causing Canker of Twigs and Shoots of Poplar in the Czech Republic. Plant Disease, 2008, 92, 1473-1473.	0.7	1
77	DNA sequence analysis of extraordinary fruiting specimens of <i>Fuscoporia torulosa</i> (<i>Phellinus torulosus</i>) on <i>Pyrus</i> spp.. Czech Mycology, 2007, 59, 91-99.	0.2	3
78	First Report of Leaf Spot, Shoot Blight, and Stem and Collar Canker of <i>Rhododendron</i> spp. Caused by <i>Phytophthora citricola</i> in the Czech Republic. Plant Disease, 2007, 91, 1515-1515.	0.7	3
79	Molecular phylogeny of European <i>Trametes</i> (Basidiomycetes, Polyporales) species based on LSU and ITS (nrDNA) sequences. Nova Hedwigia, 2006, 82, 269-280.	0.2	37
80	<i>Armillaria socialis</i> - morphological-anatomical and ecological characteristics, pathology, distribution in the Czech Republic and Europe and remarks on its genetic variation.. Czech Mycology, 2006, 58, 209-224.	0.2	13
81	Tyrosinase Activity Discovered in <i>Trametes</i> spp. World Journal of Microbiology and Biotechnology, 2004, 20, 529-530.	1.7	8
82	Mating tests among geographically separated collections of the <i>Trametes versicolor</i> (Fr.) Pilat (Basidiomycetes, Polyporales) group. Nova Hedwigia, 2004, 79, 425-431.	0.2	5
83	Laccase and other ligninolytic enzyme activities of selected strains of <i>Trametes</i> spp. from different localities and substrates. Folia Microbiologica, 2003, 48, 413-416.	1.1	19
84	Pigment production in incompatibility zones of <i>Trametes versicolor</i> is in correlation with the laccase activity of the dikaryons involved.. Czech Mycology, 2003, 55, 155-160.	0.2	0
85	The genus <i>Phellinus</i> in the Āumava Mts.. Czech Mycology, 2002, 54, 45-78.	0.2	1
86	Remarks on the distribution of <i>Hymenochaete carpatica</i> in Central and Eastern Europe.. Czech Mycology, 2001, 53, 141-148.	0.2	2