

Matt T Kasson

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,413
citations

331670

21
h-index

361022

35
g-index

58
all docs

58
docs citations

58
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Deoxybuzonamine Isomers from the Millipede <i>Brachycybe lecontii</i> (Platydesmida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.0	4
2	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
3	Morphological and Phylogenetic Resolution of <i>Diplodia corticola</i> and <i>D. quercivora</i> , Emerging Canker Pathogens of Oak (<i>Quercus</i> spp.), in the United States. <i>Plant Disease</i> , 2021, 105, 1298-1307.	1.4	11
4	Ecology: Fungal Mimics Dupe Animals by Transforming Plants. <i>Current Biology</i> , 2021, 31, R250-R252.	3.9	2
5	Pathogen and Endophyte Assemblages Co-vary With Beech Bark Disease Progression, Tree Decline, and Regional Climate. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	4
6	Three novel <i>Ambrosia</i> <i>Fusarium</i> Clade species producing multiseptate œdolphin-shaped conidia, and an augmented description of <i>Fusarium kuroshium</i> . <i>Mycologia</i> , 2021, 113, 1-21.	1.9	8
7	Micro-computed tomography permits enhanced visualization of mycangia across development and between sexes in <i>Euwallacea ambrosia</i> beetles. <i>PLoS ONE</i> , 2020, 15, e0236653.	2.5	13
8	Characterization of mating type genes in heterothallic <i>Neonectria</i> species, with emphasis on <i>N. coccinea</i> , <i>N. ditissima</i> , and <i>N. faginata</i> . <i>Mycologia</i> , 2020, 112, 880-894.	1.9	7
9	Resolving host and species boundaries for perithecia-producing nectriaceous fungi across the central Appalachian Mountains. <i>Fungal Ecology</i> , 2020, 47, 100980.	1.6	5
10	Animal-associated fungi: Editorial. <i>Mycologia</i> , 2020, 112, 1045-1047.	1.9	1
11	Field-inoculated <i>Ailanthus altissima</i> stands reveal the biological control potential of <i>Verticillium nonalfalfae</i> in the mid-Atlantic region of the United States. <i>Biological Control</i> , 2020, 148, 104298.	3.0	15
12	Several <i>Metarhizium</i> Species Produce Ergot Alkaloids in a Condition-Specific Manner. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	23
13	Evolutionary relationships among <i>Massospora</i> spp. (Entomophthorales), obligate pathogens of cicadas. <i>Mycologia</i> , 2020, 112, 1060-1074.	1.9	15
14	Bark beetle mycobiome: collaboratively defined research priorities on a widespread insect-fungus symbiosis. <i>Symbiosis</i> , 2020, 81, 101-113.	2.3	20
15	Behavioral betrayal: How select fungal parasites enlist living insects to do their bidding. <i>PLoS Pathogens</i> , 2020, 16, e1008598.	4.7	25
16	Natural history of the social millipede <i>Brachycybe lecontii</i> Wood, 1864. <i>Biodiversity Data Journal</i> , 2020, 8, e50770.	0.8	6
17	Diversity and function of fungi associated with the fungivorous millipede, <i>Brachycybe lecontii</i> . <i>Fungal Ecology</i> , 2019, 41, 187-197.	1.6	17
18	Three novel <i>Ambrosia</i> <i>Fusarium</i> Clade species producing clavate macroconidia known (<i>F.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Euwallacea</i> spp. (Coleoptera: Scolytinae) on woody hosts. <i>Mycologia</i> , 2019, 111, 919-935.	1.9	30

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19	Psychoactive plant- and mushroom-associated alkaloids from two behavior modifying cicada pathogens. <i>Fungal Ecology</i> , 2019, 41, 147-164.	1.6	55
20	Genome Sequence of a Lethal Vascular Wilt Fungus, <i>Verticillium nonalfalfae</i> , a Biological Control Used Against the Invasive <i>Ailanthus altissima</i> . <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	7
21	First Report of <i>Diplodia quercivora</i> Causing Stem Cankers on Chestnut Oak (<i>Quercus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142	1.4	7
22	Members of the <i>Euwallacea fornicatus</i> species complex exhibit promiscuous mutualism with ambrosia fungi in Taiwan. <i>Fungal Genetics and Biology</i> , 2019, 133, 103269.	2.1	22
23	Enhanced hypovirus transmission by engineered super donor strains of the chestnut blight fungus, <i>Cryphonectria parasitica</i> , into a natural population of strains exhibiting diverse vegetative compatibility genotypes. <i>Virology</i> , 2019, 528, 1-6.	2.4	29
24	First Report of <i>Fusarium</i> Stem Canker on <i>Pyralia pubera</i> , a Rare Native Parasitic Shrub in Forests of Southwestern Pennsylvania. <i>Plant Disease</i> , 2018, 102, 1852-1852.	1.4	1
25	Structure of the Ambrosia Beetle (Coleoptera: Curculionidae) <i>Mycangia</i> Revealed Through Micro-Computed Tomography. <i>Journal of Insect Science</i> , 2018, 18, .	1.5	16
26	Specific and promiscuous ophiostomatalean fungi associated with Platypodinae ambrosia beetles in the southeastern United States. <i>Fungal Ecology</i> , 2018, 35, 42-50.	1.6	23
27	<i>Fusarium oligoseptatum</i> sp. nov., a mycosymbiont of the ambrosia beetle <i>Euwallacea validus</i> in the Eastern U.S. and typification of <i>F. ambrosium</i> . <i>Fungal Systematics and Evolution</i> , 2018, 1, 23-39.	2.2	27
28	Ambrosia beetle <i>Premnobius cavipennis</i> (Scolytinae: Ipini) carries highly divergent ascomycotan ambrosia fungus, <i>Afroraffaelea ambrosiae</i> gen. nov. et sp. nov. (Ophiostomatales). <i>Fungal Ecology</i> , 2017, 25, 41-49.	1.6	25
29	PCR Multiplexes Discriminate <i>Fusarium</i> Symbionts of Invasive <i>Euwallacea</i> Ambrosia Beetles that Inflict Damage on Numerous Tree Species Throughout the United States. <i>Plant Disease</i> , 2017, 101, 233-240.	1.4	16
30	Long-term field study of transgenic hypovirulent strains of <i>Cryphonectria parasitica</i> in a forest setting. <i>Forest Pathology</i> , 2017, 47, e12367.	1.1	7
31	Two new <i>Geosmithia</i> species in <i>G. pallida</i> species complex from bark beetles in eastern USA. <i>Mycologia</i> , 2017, 109, 1-14.	1.9	9
32	Seed Production, Viability, and Reproductive Limits of the Invasive <i>Ailanthus altissima</i> (Tree-of-Heaven) within Invaded Environments. <i>Forests</i> , 2017, 8, 226.	2.1	51
33	First Report of <i>Diplodia corticola</i> Causing Stem Cankers and Associated Vascular Occlusion of Northern Red Oak (<i>Quercus rubra</i>) in West Virginia. <i>Plant Disease</i> , 2017, 101, 380-380.	1.4	12
34	Distribution, Host Records, and Symbiotic Fungi of <i>Euwallacea fornicatus</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.5	13
35	Mutualism with aggressive wood-degrading <i>Flavodon ambrosius</i> (Polyporales) facilitates niche expansion and communal social structure in <i>Ambrosiophilus ambrosia</i> beetles. <i>Fungal Ecology</i> , 2016, 23, 86-96.	1.6	52
36	Two novel <i>Fusarium</i> species that cause canker disease of prickly ash (<i>Zanthoxylum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T	1.9	32

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37	Invasive Asian <i>Fusarium</i> “ <i>Euwallacea</i> ambrosia beetle mutualists pose a serious threat to forests, urban landscapes and the avocado industry. <i>Phytoparasitica</i> , 2016, 44, 435-442.	1.2	52
38	Identification, pathogenicity and abundance of <i>Paracremonium pembeum</i> sp. nov. and <i>Graphium euwallaceae</i> sp. nov. “two newly discovered mycangial associates of the polyphagous shot hole borer (<i>Euwallacea</i> sp.) in California. <i>Mycologia</i> , 2016, 108, 313-329.	1.9	90
39	Discordant phylogenies suggest repeated host shifts in the <i>Fusarium</i> “ <i>Euwallacea</i> ambrosia beetle mutualism. <i>Fungal Genetics and Biology</i> , 2015, 82, 277-290.	2.1	121
40	Multilocus PCR Assays Elucidate Vegetative Incompatibility Gene Profiles of <i>Cryphonectria parasitica</i> in the United States. <i>Applied and Environmental Microbiology</i> , 2015, 81, 5736-5742.	3.1	35
41	Expanded Host Range Testing for <i>Verticillium nonalfalfae</i> : Potential Biocontrol Agent Against the Invasive <i>Ailanthus altissima</i> . <i>Plant Disease</i> , 2015, 99, 823-835.	1.4	30
42	New Fungus-Insect Symbiosis: Culturing, Molecular, and Histological Methods Determine Saprophytic Polyporales Mutualists of <i>Ambrosiodmus</i> Ambrosia Beetles. <i>PLoS ONE</i> , 2015, 10, e0137689.	2.5	49
43	Comparative Pathogenicity, Biocontrol Efficacy, and Multilocus Sequence Typing of <i>Verticillium nonalfalfae</i> from the Invasive <i>Ailanthus altissima</i> and Other Hosts. <i>Phytopathology</i> , 2014, 104, 282-292.	2.2	34
44	First Report of Seedling Blight of Eastern Poison Ivy (<i>Toxicodendron radicans</i>) by <i>Colletotrichum fioriniae</i> in Virginia. <i>Plant Disease</i> , 2014, 98, 995-995.	1.4	10
45	An inordinate fondness for <i>Fusarium</i> : Phylogenetic diversity of fusaria cultivated by ambrosia beetles in the genus <i>Euwallacea</i> on avocado and other plant hosts. <i>Fungal Genetics and Biology</i> , 2013, 56, 147-157.	2.1	146
46	A Case Study: Walnut Twig Beetle, <i>Pityophthorus juglandis</i> Blackman (Coleoptera: Curculionidae: Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50	0.2	4
47	First Report of <i>Verticillium</i> Wilt Caused by <i>Verticillium nonalfalfae</i> on Tree-of-Heaven (<i>Ailanthus altissima</i>) in Ohio. <i>Plant Disease</i> , 2013, 97, 999-999.	1.4	26
48	First Report of <i>Verticillium</i> Wilt of <i>Ailanthus altissima</i> in Virginia Caused by <i>Verticillium nonalfalfae</i> . <i>Plant Disease</i> , 2013, 97, 837-837.	1.4	21
49	Relationships among beech bark disease, climate, radial growth response and mortality of American beech in northern Maine, USA. <i>Forest Pathology</i> , 2012, 42, 199-212.	1.1	33
50	Spatial distribution of <i>Neonectria</i> species associated with beech bark disease in northern Maine. <i>Mycologia</i> , 2009, 101, 190-195.	1.9	22