Sandra Denman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/544737/publications.pdf

Version: 2024-02-01

38	1,237	394421	395702
papers	citations	19 h-index	33 g-index

40	40	40	777
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proposal to reclassify Brenneria quercina (Hildebrand and Schroth 1967) Hauben et al. 1999 into a new genus, Lonsdalea gen. nov., as Lonsdalea quercina comb. nov., descriptions of Lonsdalea quercina subsp. quercina comb. nov., Lonsdalea quercina subsp. iberica subsp. nov. and Lonsdalea quercina subsp. britannica subsp. nov., emendation of the description of the genus Brenneria , rec. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1592-1602.	1.7	194
2	A description of the symptoms of Acute Oak Decline in Britain and a comparative review on causes of similar disorders on oak in Europe. Forestry, 2014, 87, 535-551.	2.3	97
3	Rahnella victoriana sp. nov., Rahnella bruchi sp. nov., Rahnella woolbedingensis sp. nov., classification of Rahnella genomospecies 2 and 3 as Rahnella variigena sp. nov. and Rahnella inusitata sp. nov., respectively and emended description of the genus Rahnella. Systematic and Applied Microbiology, 2014, 37, 545-552.	2.8	93
4	Microbiome and infectivity studies reveal complex polyspecies tree disease in Acute Oak Decline. ISME Journal, 2018, 12, 386-399.	9.8	75
5	Description of Gibbsiella quercinecans gen. nov., sp. nov., associated with Acute Oak Decline. Systematic and Applied Microbiology, 2010, 33, 444-450.	2.8	66
6	Brenneria goodwinii sp. nov., associated with acute oak decline in the UK. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2451-2456.	1.7	64
7	A review of Agrilus biguttatus in UK forests and its relationship with acute oak decline. Forestry, 2015, 88, 53-63.	2.3	52
8	Integrated multi-omic analysis of host-microbiota interactions in acute oak decline. Microbiome, 2018, 6, 21.	11.1	49
9	Description of Brenneria roseae sp. nov. and two subspecies, Brenneria roseae subspecies roseae ssp. nov and Brenneria roseae subspecies americana ssp. nov. isolated from symptomatic oak. Systematic and Applied Microbiology, 2014, 37, 396-401.	2.8	45
10	Isolation studies reveal a shift in the cultivable microbiome of oak affected with Acute Oak Decline. Systematic and Applied Microbiology, 2016, 39, 484-490.	2.8	39
11	Brenneria spp. and Rahnella victoriana associated with acute oak decline symptoms on oak and hornbeam in Iran. Forest Pathology, 2019, 49, e12535.	1.1	34
12	Pseudomonas daroniae sp. nov. and Pseudomonas dryadis sp. nov., isolated from pedunculate oak affected by acute oak decline in the UK. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3368-3376.	1.7	34
13	Metabarcoding of Bacteria Associated with the Acute Oak Decline Syndrome in England. Forests, 2016, 7, 95.	2.1	32
14	Taxonomy and identification of bacteria associated with acute oak decline. World Journal of Microbiology and Biotechnology, 2017, 33, 143.	3.6	32
15	Genomic analysis of bacteria in the Acute Oak Decline pathobiome. Microbial Genomics, 2019, 5, .	2.0	31
16	Acute Oak Decline and Agrilus biguttatus: The Co-Occurrence of Stem Bleeding and D-Shaped Emergence Holes in Great Britain. Forests, 2017, 8, 87.	2.1	30
17	Predisposition of forests to biotic disturbance: Predicting the distribution of Acute Oak Decline using environmental factors. Forest Ecology and Management, 2018, 407, 145-154.	3.2	30
18	Spatial and temporal patterns in symptom expression within eight woodlands affected by Acute Oak Decline. Forest Ecology and Management, 2016, 360, 97-109.	3.2	28

#	Article	IF	Citations
19	Gibbsiella greigii sp. nov., a novel species associated with oak decline in the USA. Systematic and Applied Microbiology, 2014, 37, 417-422.	2.8	24
20	The lifecycle of Agrilus biguttatus: the role of temperature in its development and distribution, and implications for Acute Oak Decline. Agricultural and Forest Entomology, 2018, 20, 334-346.	1.3	22
21	Integrating regulatory surveys and citizen science to map outbreaks of forest diseases: acute oak decline in England and Wales. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170547.	2.6	18
22	Hostâ€“microbiotaâ€“insect interactions drive emergent virulence in a complex tree disease. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200956.	2.6	17
23	Identification ofArmillariaspecies on declined oak in Britain: implications for oak health. Forestry, 2017, 90, 148-161.	2.3	15
24	Pseudomonas kirkiae sp. nov., a novel species isolated from oak in the United Kingdom, and phylogenetic considerations of the genera Pseudomonas, Azotobacter and Azomonas. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2426-2434.	1.7	15
25	Linking Tree Health, Rhizosphere Physicochemical Properties, and Microbiome in Acute Oak Decline. Forests, 2020, 11, 1153.	2.1	12
26	The tree ring growth histories of UK native oaks as a tool for investigating Chronic Oak Decline: An example from the Forest of Dean. Dendrochronologia, 2019, 55, 50-59.	2.2	11
27	A multiplex realâ€time PCR assay enables simultaneous rapid detection and quantification of bacteria associated with acute oak decline. Plant Pathology, 2020, 69, 1301-1310.	2.4	11
28	Survival of Brenneria goodwinii and Gibbsiella quercinecans, associated with acute oak decline, in rainwater and forest soil. Systematic and Applied Microbiology, 2020, 43, 126052.	2.8	10
29	Index measures for oak decline severity using phenotypic descriptors. Forest Ecology and Management, 2021, 485, 118948.	3.2	10
30	Rahnella perminowiae sp. nov., Rahnella bonaserana sp. nov., Rahnella rivi sp. nov. and Rahnella ecdela sp. nov., isolated from diverse environmental sources, and emended description of the genus Rahnella. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	9
31	Genomic structure and diversity of oak populations in British parklands. Plants People Planet, 2022, 4, 167-181.	3.3	7
32	Evidence for the Widespread Occurrence of Bacteria Implicated in Acute Oak Decline from Incidental Genetic Sampling. Forests, 2021, 12, 1683.	2.1	7
33	Gibbsiella papilionis Kim et al. 2013 is a later heterotypic synonym of Gibbsiella dentisursi Saito et al. 2013. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4788-4791.	1.7	6
34	Brenneria goodwinii growth in vitro is improved by competitive interactions with other bacterial species associated with Acute Oak Decline. Current Research in Microbial Sciences, 2022, 3, 100102.	2.3	4
35	Multilocus sequence typing provides insights into the population structure and evolutionary potential of Brenneria goodwinii, associated with acute oak decline. PLoS ONE, 2017, 12, e0178390.	2.5	3
36	Temperate Oak Declines: Biotic and abiotic predisposition drivers. , 2022, , 239-263.		3

#	Article	IF	Citations
37	Shotgun Metagenomic Sequencing Analysis of Soft-Rot Enterobacteriaceae in Polymicrobial Communities. Methods in Molecular Biology, 2017, 1539, 85-97.	0.9	2
38	Novel dendrochronological modelling demonstrates that decades of reduced stem growth predispose trees to Acute Oak Decline. Forest Ecology and Management, 2020, 476, 118441.	3.2	1