

Sandra Denman

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,237
citations

394421

19
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

777
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic structure and diversity of oak populations in British parklands. <i>Plants People Planet</i> , 2022, 4, 167-181.	3.3	7
2	<i>Brenneria goodwinii</i> growth in vitro is improved by competitive interactions with other bacterial species associated with Acute Oak Decline. <i>Current Research in Microbial Sciences</i> , 2022, 3, 100102.	2.3	4
3	<i>Rahnella perminowiae</i> sp. nov., <i>Rahnella bonaserana</i> sp. nov., <i>Rahnella rivi</i> sp. nov. and <i>Rahnella ecdela</i> sp. nov., isolated from diverse environmental sources, and emended description of the genus <i>Rahnella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	9
4	Temperate Oak Declines: Biotic and abiotic predisposition drivers. , 2022, , 239-263.		3
5	Index measures for oak decline severity using phenotypic descriptors. <i>Forest Ecology and Management</i> , 2021, 485, 118948.	3.2	10
6	Evidence for the Widespread Occurrence of Bacteria Implicated in Acute Oak Decline from Incidental Genetic Sampling. <i>Forests</i> , 2021, 12, 1683.	2.1	7
7	Survival of <i>Brenneria goodwinii</i> and <i>Gibbsiella quercinecans</i> , associated with acute oak decline, in rainwater and forest soil. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126052.	2.8	10
8	Novel dendrochronological modelling demonstrates that decades of reduced stem growth predispose trees to Acute Oak Decline. <i>Forest Ecology and Management</i> , 2020, 476, 118441.	3.2	1
9	Hostâ€™microbiotaâ€™insect interactions drive emergent virulence in a complex tree disease. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200956.	2.6	17
10	Linking Tree Health, Rhizosphere Physicochemical Properties, and Microbiome in Acute Oak Decline. <i>Forests</i> , 2020, 11, 1153.	2.1	12
11	A multiplex realâ€™time PCR assay enables simultaneous rapid detection and quantification of bacteria associated with acute oak decline. <i>Plant Pathology</i> , 2020, 69, 1301-1310.	2.4	11
12	<i>Pseudomonas kirkiae</i> sp. nov., a novel species isolated from oak in the United Kingdom, and phylogenetic considerations of the genera <i>Pseudomonas</i> , <i>Azotobacter</i> and <i>Azomonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2426-2434.	1.7	15
13	<i>Brenneria</i> spp. and <i>Rahnella victoriana</i> associated with acute oak decline symptoms on oak and hornbeam in Iran. <i>Forest Pathology</i> , 2019, 49, e12535.	1.1	34
14	The tree ring growth histories of UK native oaks as a tool for investigating Chronic Oak Decline: An example from the Forest of Dean. <i>Dendrochronologia</i> , 2019, 55, 50-59.	2.2	11
15	Genomic analysis of bacteria in the Acute Oak Decline pathobiome. <i>Microbial Genomics</i> , 2019, 5, .	2.0	31
16	<i>Pseudomonas daroniae</i> sp. nov. and <i>Pseudomonas dryadis</i> sp. nov., isolated from pedunculate oak affected by acute oak decline in the UK. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3368-3376.	1.7	34
17	Microbiome and infectivity studies reveal complex polyspecies tree disease in Acute Oak Decline. <i>ISME Journal</i> , 2018, 12, 386-399.	9.8	75
18	The lifecycle of <i>Agrilus biguttatus</i> : the role of temperature in its development and distribution, and implications for Acute Oak Decline. <i>Agricultural and Forest Entomology</i> , 2018, 20, 334-346.	1.3	22

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19	Predisposition of forests to biotic disturbance: Predicting the distribution of Acute Oak Decline using environmental factors. <i>Forest Ecology and Management</i> , 2018, 407, 145-154.	3.2	30
20	Integrated multi-omic analysis of host-microbiota interactions in acute oak decline. <i>Microbiome</i> , 2018, 6, 21.	11.1	49
21	Shotgun Metagenomic Sequencing Analysis of Soft-Rot Enterobacteriaceae in Polymicrobial Communities. <i>Methods in Molecular Biology</i> , 2017, 1539, 85-97.	0.9	2
22	Taxonomy and identification of bacteria associated with acute oak decline. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 143.	3.6	32
23	Integrating regulatory surveys and citizen science to map outbreaks of forest diseases: acute oak decline in England and Wales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170547.	2.6	18
24	Identification of <i>Armillaria</i> species on declined oak in Britain: implications for oak health. <i>Forestry</i> , 2017, 90, 148-161.	2.3	15
25	Acute Oak Decline and <i>Agrilus biguttatus</i> : The Co-Occurrence of Stem Bleeding and D-Shaped Emergence Holes in Great Britain. <i>Forests</i> , 2017, 8, 87.	2.1	30
26	Multilocus sequence typing provides insights into the population structure and evolutionary potential of <i>Brenneria goodwinii</i> , associated with acute oak decline. <i>PLoS ONE</i> , 2017, 12, e0178390.	2.5	3
27	Metabarcoding of Bacteria Associated with the Acute Oak Decline Syndrome in England. <i>Forests</i> , 2016, 7, 95.	2.1	32
28	Isolation studies reveal a shift in the cultivable microbiome of oak affected with Acute Oak Decline. <i>Systematic and Applied Microbiology</i> , 2016, 39, 484-490.	2.8	39
29	Spatial and temporal patterns in symptom expression within eight woodlands affected by Acute Oak Decline. <i>Forest Ecology and Management</i> , 2016, 360, 97-109.	3.2	28
30	A review of <i>Agrilus biguttatus</i> in UK forests and its relationship with acute oak decline. <i>Forestry</i> , 2015, 88, 53-63.	2.3	52
31	<i>Gibbsiella papilionis</i> Kim et al. 2013 is a later heterotypic synonym of <i>Gibbsiella dentisursi</i> Saito et al. 2013. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4788-4791.	1.7	6
32	<i>Rahnella victoriana</i> sp. nov., <i>Rahnella bruchi</i> sp. nov., <i>Rahnella woolbedingensis</i> sp. nov., classification of <i>Rahnella</i> genomospecies 2 and 3 as <i>Rahnella variigena</i> sp. nov. and <i>Rahnella inusitata</i> sp. nov., respectively and emended description of the genus <i>Rahnella</i> . <i>Systematic and Applied Microbiology</i> , 2014, 37, 545-552.	2.8	93
33	A description of the symptoms of Acute Oak Decline in Britain and a comparative review on causes of similar disorders on oak in Europe. <i>Forestry</i> , 2014, 87, 535-551.	2.3	97
34	Description of <i>Brenneria roseae</i> sp. nov. and two subspecies, <i>Brenneria roseae</i> subspecies <i>roseae</i> ssp. nov. and <i>Brenneria roseae</i> subspecies <i>americana</i> ssp. nov. isolated from symptomatic oak. <i>Systematic and Applied Microbiology</i> , 2014, 37, 396-401.	2.8	45
35	<i>Gibbsiella greigii</i> sp. nov., a novel species associated with oak decline in the USA. <i>Systematic and Applied Microbiology</i> , 2014, 37, 417-422.	2.8	24
36	Proposal to reclassify <i>Brenneria quercina</i> (Hildebrand and Schroth 1967) Hauben et al. 1999 into a new genus, <i>Lonsdalea</i> gen. nov., as <i>Lonsdalea quercina</i> comb. nov., descriptions of <i>Lonsdalea quercina</i> subsp. <i>quercina</i> comb. nov., <i>Lonsdalea quercina</i> subsp. <i>iberica</i> subsp. nov. and <i>Lonsdalea quercina</i> subsp. <i>britannica</i> subsp. nov., emendation of the description of the genus <i>Brenneria</i> , rec. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1592-1602.	1.7	194

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37	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
38	Description of Gibbsiella quercinecans gen. nov., sp. nov., associated with Acute Oak Decline. Systematic and Applied Microbiology, 2010, 33, 444-450.	2.8	66