

Duncan Slater

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

178
citations

1307594

7
h-index

1199594

12
g-index

30
all docs

30
docs citations

30
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining the mechanical properties of hazel forks by testing their component parts. <i>Trees - Structure and Function</i> , 2013, 27, 1515-1524.	1.9	31
2	The anatomy and grain pattern in forks of hazel (<i>Corylus avellana</i> L.) and other tree species. <i>Trees - Structure and Function</i> , 2014, 28, 1437-1448.	1.9	24
3	Why some UK homeowners reduce the size of their front garden trees and the consequences for urban forest benefits as assessed by i-Tree ECO. <i>Arboricultural Journal</i> , 2014, 36, 197-215.	0.8	17
4	Defining the allometry of stem and crown diameter of urban trees. <i>Urban Forestry and Urban Greening</i> , 2019, 44, 126421.	5.3	16
5	Interlocking wood grain patterns provide improved wood strength properties in forks of hazel (<i>Corylus avellana</i> L.). <i>Arboricultural Journal</i> , 2015, 37, 21-32.	0.8	13
6	Angle of inclination affects the morphology and strength of bifurcations in hazel (<i>Corylus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	0.8	9
7	Fracture properties of green wood formed within the forks of hazel (<i>Corylus avellana</i> L.). <i>Trees - Structure and Function</i> , 2017, 31, 903-917.	1.9	9
8	An argument against the axiom of uniform stress being applicable to trees. <i>Arboricultural Journal</i> , 2016, 38, 143-164.	0.8	8
9	The association between natural braces and the development of bark-included junctions in trees. <i>Arboricultural Journal</i> , 2018, 40, 16-38.	0.8	8
10	Natural bracing in trees: management recommendations. <i>Arboricultural Journal</i> , 2018, 40, 106-133.	0.8	8
11	An assessment of the movement behaviour of bifurcations in hazel (<i>Corylus avellana</i> L.) under dynamic wind loading using triaxial accelerometers. <i>Arboricultural Journal</i> , 2016, 38, 183-203.	0.8	5
12	The mechanical effects of bulges developed around bark-included branch junctions of hazel (<i>Corylus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	0.8	5
13	Failure of forks in clonal varieties of <i>Platanus acerifolia</i> . <i>Arboricultural Journal</i> , 2012, 34, 179-189.	0.8	3
14	The impact of three periods of housing development upon the urban forest of Shrewsbury, England. <i>Arboricultural Journal</i> , 2017, 39, 76-99.	0.8	3
15	Rootcells improve the establishment of <i>Corylus colurna</i> L. in a compacted car park substrate. <i>Arboricultural Journal</i> , 2016, 38, 41-56.	0.8	2
16	Attitudes and approaches in London boroughs to the use of photographic records in the justification, management and enforcement of tree preservation orders. <i>Arboricultural Journal</i> , 2017, 39, 226-245.	0.8	2
17	Differences in natural bracing between early mature street trees of Norway maple (<i>Acer platanoides</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 542	0.8	2
18	Current opinion within the UK arboricultural industry on the management of bark-included junctions in trees. <i>Arboricultural Journal</i> , 2019, 41, 10-34.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Canopy cover and land-use change in Torbay from 2010 to 2018. <i>Arboricultural Journal</i> , 2020, 42, 131-152.	0.8	2
20	Assessment of the Load-Bearing Capacity of Bark-Included Junctions in <i>Crataegus monogyna</i> Jacq. in the Presence and Absence of Natural Braces. <i>Arboriculture and Urban Forestry</i> , 2020, 46, 210-227.	0.6	2
21	Supporting failure? Damage inflicted to establishing trees in London by a range of tree support and protection systems. <i>Arboricultural Journal</i> , 2018, 40, 162-188.	0.8	1
22	The effects of strimmer damage to young ash trees (<i>Fraxinus excelsior</i> L.). <i>Arboricultural Journal</i> , 2018, 40, 210-233.	0.8	1
23	An assessment of soil respiration on two contrasting urban forestry areas using the SolvitaTMGel System. <i>Arboricultural Journal</i> , 2019, 41, 67-90.	0.8	1
24	The extent of stunting in trees growing within car parks compared with those situated in peripheral landscaped areas in the UK. <i>Arboricultural Journal</i> , 2020, 42, 93-116.	0.8	1
25	Factors affecting the design coordination of trees and underground utilities in new developments in the UK. <i>Arboricultural Journal</i> , 2020, , 1-22.	0.8	1
26	Inducing bark inclusions in branch junctions of aspen (<i>Populus tremula</i> L.) by bracing them with horticultural wire. <i>Arboricultural Journal</i> , 0, , 1-16.	0.8	1
27	Evaluating the potential for increased urban coppice management in the UK. <i>Arboricultural Journal</i> , 0, , 1-25.	0.8	1
28	Letter to AJ Research Note: Modelling the strength of the branch attachments. <i>Arboricultural Journal</i> , 2017, 39, 48-49.	0.8	0
29	Letter to the editor of the arboricultural journal. <i>Arboricultural Journal</i> , 2019, 41, 239-240.	0.8	0
30	An investigation into mechanical wound parameters that may affect the extent of internal decay in wounded stems of big-leaved acacia (<i>Acacia mangium</i> Willd.) and ear-leaved acacia (<i>Acacia</i>) Tj ETQq0 0 0 rgBT /Ovck 10 T 50 297 T		