

Norman C Duke

List of Publications by Year in descending order

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100
papers

12,053
citations

66234

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#	ARTICLE	IF	CITATIONS
1	Genomic variation patterns of subspecies defined by phenotypic criteria: Analyses of the mangrove species complex, <i>Avicennia marina</i> . <i>Journal of Systematics and Evolution</i> , 2022, 60, 835-847.	1.6	4
2	Population subdivision promoted by a sea-level-change-driven bottleneck: A glimpse from the evolutionary history of the mangrove plant <i>Aegiceras corniculatum</i> . <i>Molecular Ecology</i> , 2022, 31, 780-797.	2.0	4
3	The Role of Hydraulic Failure in a Massive Mangrove Die-Off Event. <i>Frontiers in Plant Science</i> , 2022, 13, 822136.	1.7	3
4	Evolution of coastal forests based on a full set of mangrove genomes. <i>Nature Ecology and Evolution</i> , 2022, 6, 738-749.	3.4	41
5	Processes and Factors Driving Change in Mangrove Forests: An Evaluation Based on the Mass Dieback Event in Australia's Gulf of Carpentaria. <i>Ecological Studies</i> , 2021, , 221-264.	0.4	14
6	Combating ecosystem collapse from the tropics to the Antarctic. <i>Global Change Biology</i> , 2021, 27, 1692-1703.	4.2	128
7	Abandoned, lost and discarded fishing gear "ghost nets" are increasing through time in Northern Australia. <i>Marine Pollution Bulletin</i> , 2021, 173, 112959.	2.3	7
8	Influence of the 2015–2016 El Niño on the record-breaking mangrove dieback along northern Australia coast. <i>Scientific Reports</i> , 2021, 11, 20411.	1.6	22
9	Public Perceptions of Mangrove Forests Matter for Their Conservation. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	32
10	A Novel Approach to Modelling Mangrove Phenology from Satellite Images: A Case Study from Northern Australia. <i>Remote Sensing</i> , 2020, 12, 4008.	1.8	15
11	Convergent adaptation of the genomes of woody plants at the land–sea interface. <i>National Science Review</i> , 2020, 7, 978-993.	4.6	44
12	A systematic revision of the vulnerable mangrove genus <i>Pelliciera</i> (Tetrameristaceae) in equatorial America. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2020, 65, 107-120.	0.1	11
13	Rainfall and its possible hysteresis effect on the proportional cover of tropical tidal-wetland mangroves and saltmarsh–saltpans. <i>Marine and Freshwater Research</i> , 2019, 70, 1047.	0.7	25
14	Recolonization of mollusc assemblages in mangrove plantations damaged by Typhoon Chan-hom in the Philippines. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 228, 106365.	0.9	6
15	Distinct characteristics of canopy gaps in the subtropical mangroves of Moreton Bay, Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 222, 66-80.	0.9	16
16	Speciation with gene flow via cycles of isolation and migration: insights from multiple mangrove taxa. <i>National Science Review</i> , 2019, 6, 275-288.	4.6	97
17	Extremely low genetic diversity across mangrove taxa reflects past sea level changes and hints at poor future responses. <i>Global Change Biology</i> , 2018, 24, 1741-1748.	4.2	41
18	<i>Bruguiera</i> – dungarra, a new hybrid between mangrove species <i>B. exaristata</i> and <i>B. gymnorhiza</i> (Rhizophoraceae) recently discovered in north-east Australia. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2018, , .	0.1	2

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19	Nekton communities as indicators of habitat functionality in Philippine mangrove plantations. <i>Marine and Freshwater Research</i> , 2018, 69, 477.	0.7	7
20	Biological responses to the press and pulse of climate trends and extreme events. <i>Nature Climate Change</i> , 2018, 8, 579-587.	8.1	330
21	Effects of Pleistocene sea-level fluctuations on mangrove population dynamics: a lesson from <i>Sonneratia alba</i> . <i>BMC Evolutionary Biology</i> , 2017, 17, 22.	3.2	38
22	Large-scale dieback of mangroves in Australia. <i>Marine and Freshwater Research</i> , 2017, 68, 1816.	0.7	226
23	Colonization and shift of mollusc assemblages as a restoration indicator in planted mangroves in the Philippines. <i>Biodiversity and Conservation</i> , 2017, 26, 865-881.	1.2	19
24	Mangrove Floristics and Biogeography Revisited: Further Deductions from Biodiversity Hot Spots, Ancestral Discontinuities, and Common Evolutionary Processes. , 2017, , 17-53.		44
25	The origin, diversification and adaptation of a major mangrove clade (Rhizophoraceae) revealed by whole-genome sequencing. <i>National Science Review</i> , 2017, 4, 721-734.	4.6	118
26	Winners and losers as mangrove, coral and seagrass ecosystems respond to sea-level rise in Solomon Islands. <i>Environmental Research Letters</i> , 2017, 12, 094009.	2.2	42
27	Comparative Analysis of the Pattern of Population Genetic Diversity in Three Indo-West Pacific <i>Rhizophora</i> Mangrove Species. <i>Frontiers in Plant Science</i> , 2016, 7, 1434.	1.7	45
28	Ancient Geographical Barriers Drive Differentiation among <i>Sonneratia caseolaris</i> Populations and Recent Divergence from <i>S. lanceolata</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1618.	1.7	18
29	Oil spill impacts on mangroves: Recommendations for operational planning and action based on a global review. <i>Marine Pollution Bulletin</i> , 2016, 109, 700-715.	2.3	159
30	The state of legislation and policy protecting Australia's mangrove and salt marsh and their ecosystem services. <i>Marine Policy</i> , 2016, 72, 139-155.	1.5	83
31	The Shoreline Video Assessment Method (S-VAM): Using dynamic hyperlapse image acquisition to evaluate shoreline mangrove forest structure, values, degradation and threats. <i>Marine Pollution Bulletin</i> , 2016, 109, 751-763.	2.3	19
32	Genetic discontinuities in a dominant mangrove <i>Rhizophora apiculata</i> (Rhizophoraceae) in the Indo-Malesian region. <i>Journal of Biogeography</i> , 2016, 43, 1856-1868.	1.4	28
33	Mangrove Management, Assessment, and Monitoring. , 2016, , 1725-1759.		5
34	Mangroves: Unusual Forests at the Seas' Edge. , 2016, , 1693-1724.		1
35	Re-Evaluation of Phylogenetic Relationships among Species of the Mangrove Genus <i>Avicennia</i> from Indo-West Pacific Based on Multilocus Analyses. <i>PLoS ONE</i> , 2016, 11, e0164453.	1.1	24
36	Mangrove Management, Assessment and Monitoring. , 2015, , 1-29.		13

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37	Mangroves: Unusual Forests at the Seas Edge. , 2015, , 1-24.		18
38	Assessment of vegetation and soil conditions in restored mangroves interrupted by severe tropical typhoon "Chan-hom"™ in the Philippines. <i>Hydrobiologia</i> , 2014, 733, 85-102.	1.0	40
39	Phylogeographic pattern of <i>Rhizophora</i> (Rhizophoraceae) reveals the importance of both vicariance and long-distance oceanic dispersal to modern mangrove distribution. <i>BMC Evolutionary Biology</i> , 2014, 14, 83.	3.2	116
40	Vegetation and soil characteristics as indicators of restoration trajectories in restored mangroves. <i>Hydrobiologia</i> , 2013, 720, 1-18.	1.0	101
41	The relationship of spatial-temporal changes in fringe mangrove extent and adjacent land-use: Case study of Kien Giang coast, Vietnam. <i>Ocean and Coastal Management</i> , 2013, 76, 12-22.	2.0	72
42	Mangrove ecosystem services and the potential for carbon revenue programmes in Solomon Islands. <i>Environmental Conservation</i> , 2011, 38, 485-496.	0.7	62
43	<i>Bruguiera</i> (<i>Rhizophoraceae</i>) in the Indo-West Pacific: a morphometric assessment of hybridization within single-flowered taxa. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2011, 56, 36-48.	0.1	15
44	Status and distribution of mangrove forests of the world using earth observation satellite data. <i>Global Ecology and Biogeography</i> , 2011, 20, 154-159.	2.7	2,072
45	Population Genetics in Nonmodel Organisms: II. Natural Selection in Marginal Habitats Revealed by Deep Sequencing on Dual Platforms. <i>Molecular Biology and Evolution</i> , 2011, 28, 2833-2842.	3.5	23
46	Mangroves. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 655-663.	0.1	11
47	Mangrove Islands. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 653-655.	0.1	2
48	Overlap of eastern and western mangroves in the South-western Pacific: hybridization of all three <i>Rhizophora</i> (&Rhizophoraceae) combinations in New Caledonia. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2010, 55, 171-188.	0.1	23
49	Establishing mollusk colonization and assemblage patterns in planted mangrove stands of different ages in Lingayen Gulf, Philippines. <i>Wetlands Ecology and Management</i> , 2010, 18, 745-754.	0.7	19
50	The Loss of Species: Mangrove Extinction Risk and Geographic Areas of Global Concern. <i>PLoS ONE</i> , 2010, 5, e10095.	1.1	969
51	Corrections and updates to the article by Duke et al. (2005) reporting on the unusual occurrence and cause of dieback of the common mangrove species, <i>Avicennia marina</i> , in NE Australia. <i>Marine Pollution Bulletin</i> , 2008, 56, 1668-1670.	2.3	8
52	Mangrove production and carbon sinks: A revision of global budget estimates. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	1.9	812
53	Threats to mangroves from climate change and adaptation options: A review. <i>Aquatic Botany</i> , 2008, 89, 237-250.	0.8	855
54	Advances and limitations of individual-based models to analyze and predict dynamics of mangrove forests: A review. <i>Aquatic Botany</i> , 2008, 89, 260-274.	0.8	124

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55	Linking spatial metrics and fish catch reveals the importance of coastal wetland connectivity to inshore fisheries in Queensland, Australia. <i>Biological Conservation</i> , 2008, 141, 981-996.	1.9	125
56	A World Without Mangroves?. <i>Science</i> , 2007, 317, 41-42.	6.0	1,158
57	Natural and anthropogenic changes to mangrove distributions in the Pioneer River Estuary (QLD), Tj ETQq1 1 0.784314 rgBT /Overloc 0.7 24	0.7	24
58	Effect of rainfall as a component of climate change on estuarine fish production in Queensland, Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 69, 491-504.	0.9	81
59	Water quality in the Great Barrier Reef region: responses of mangrove, seagrass and macroalgal communities. <i>Marine Pollution Bulletin</i> , 2005, 51, 279-296.	2.3	107
60	Herbicides implicated as the cause of severe mangrove dieback in the Mackay region, NE Australia: consequences for marine plant habitats of the GBR World Heritage Area. <i>Marine Pollution Bulletin</i> , 2005, 51, 308-324.	2.3	83
61	Herbicide contamination and the potential impact to seagrass meadows in Hervey Bay, Queensland, Australia. <i>Marine Pollution Bulletin</i> , 2005, 51, 325-334.	2.3	53
62	Effects of Photosystem II inhibiting herbicides on mangrovesâ€™ preliminary toxicology trials. <i>Marine Pollution Bulletin</i> , 2005, 51, 297-307.	2.3	37
63	Chapter Twenty-One Mud threat to the Great Barrier Reef of Australia. <i>Proceedings in Marine Science</i> , 2002, 4, 533-542.	0.1	6
64	Sustained high levels of foliar herbivory of the mangrove <i>Rhizophora stylosa</i> by a moth larva <i>Doratifera stenosa</i> (Limaconidae) in north-eastern Australia. <i>Wetlands Ecology and Management</i> , 2002, 10, 403-419.	0.7	20
65	Chlorophyll-deficient propagules of <i>Avicennia marina</i> and apparent longer term deterioration of mangrove fitness in oil-polluted sediments. <i>Marine Pollution Bulletin</i> , 2002, 44, 1269-1276.	2.3	20
66	Global distribution and genetic discontinuities of mangroves â€™ emerging patterns in the evolution of <i>Rhizophora</i> . <i>Trees - Structure and Function</i> , 2002, 16, 65-79.	0.9	128
67	Gap creation and regenerative processes driving diversity and structure of mangrove ecosystems. <i>Wetlands Ecology and Management</i> , 2001, 9, 267-279.	0.7	112
68	Halophytes â€™ A resource for the future. , 2001, 9, 455-456.		78
69	Gladstone, Australia Field Studies: Weathering and Degradation of Hydrocarbons in Oiled Mangrove and Salt Marsh Sediments With and Without the Application of an Experimental Bioremediation Protocol. <i>Marine Pollution Bulletin</i> , 2000, 41, 392-402.	2.3	43
70	Dispersant Use and a Bioremediation Strategy as Alternate Means of Reducing Impacts of Large Oil Spills on Mangroves: The Gladstone Field Trials. <i>Marine Pollution Bulletin</i> , 2000, 41, 403-412.	2.3	52
71	Effect of Bioremediation on the Microbial Community in Oiled Mangrove Sediments. <i>Marine Pollution Bulletin</i> , 2000, 41, 413-419.	2.3	79
72	Assessing the oil degradation potential of endogenous microorganisms in tropical marine wetlands. <i>Mangroves and Salt Marshes</i> , 1999, 3, 67-84.	0.6	20

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73	Weathering of hydrocarbons in mangrove sediments: testing the effects of using dispersants to treat oil spills. <i>Organic Geochemistry</i> , 1999, 30, 1273-1286.	0.9	13
74	Genetic Structure and Evolution of Species in the Mangrove Genus <i>Avicennia</i> (Avicenniaceae) in the Indo-West Pacific. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1612.	1.1	46
75	Factors Influencing Biodiversity and Distributional Gradients in Mangroves. <i>Global Ecology and Biogeography Letters</i> , 1998, 7, 27.	0.6	649
76	GENETIC STRUCTURE AND EVOLUTION OF SPECIES IN THE MANGROVE GENUS <i>AVICENNIA</i> (AVICENNIACEAE) IN THE INDO-WEST PACIFIC. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1612-1626.	1.1	98
77	Large-Scale Damage to Mangrove Forests Following Two Large Oil Spills in Panama ¹ . <i>Biotropica</i> , 1997, 29, 2-14.	0.8	82
78	Genetic diversity, distributional barriers and rafting continents ? more thoughts on the evolution of mangroves. <i>Hydrobiologia</i> , 1995, 295, 167-181.	1.0	80
79	Genetic diversity, distributional barriers and rafting continents " more thoughts on the evolution of mangroves. , 1995, , 167-181.		6
80	A mangrove hybrid <i>Sonneratia xurama</i> (Sonneratiaceae) from northern Australia and southern New Guinea. <i>Australian Systematic Botany</i> , 1994, 7, 521.	0.3	22
81	Mangrove floristics and biogeography. <i>Coastal and Estuarine Studies</i> , 1992, , 63-100.	0.4	225
82	Aging <i>Rhizophora</i> Seedlings from Leaf Scar Nodes: A Technique for Studying Recruitment and Growth in Mangrove Forests. <i>Biotropica</i> , 1992, 24, 173.	0.8	44
83	A systematic revision of the mangrove genus <i>Avicennia</i> (Avicenniaceae) in Australasia*. <i>Australian Systematic Botany</i> , 1991, 4, 299.	0.3	101
84	Mangrove fish-communities in tropical Queensland, Australia: Spatial and temporal patterns in densities, biomass and community structure. <i>Marine Biology</i> , 1990, 104, 369-379.	0.7	175
85	Phenological Trends with Latitude in the Mangrove Tree <i>Avicennia Marina</i> . <i>Journal of Ecology</i> , 1990, 78, 113.	1.9	160
86	Morphological variation in the mangrove genus <i>Avicennia</i> in Australasia: Systematic and ecological considerations*. <i>Australian Systematic Botany</i> , 1990, 3, 221.	0.3	22
87	Recruitment, growth and residence time of fishes in a tropical Australian mangrove system. <i>Estuarine, Coastal and Shelf Science</i> , 1990, 31, 723-743.	0.9	102
88	Phenologies and Litter Fall of Two Mangrove Trees, <i>Sonneratia alba</i> Sm. And <i>S. caseolaris</i> (L.) Engl., And Their Putative Hybrid, <i>S. Å— Gulngai</i> N.C. Duke. <i>Australian Journal of Botany</i> , 1988, 36, 473.	0.3	30
89	An endemic mangrove species, <i>Avicennia integra</i> sp. nov. (Avicenniaceae), in northern Australia*. <i>Australian Systematic Botany</i> , 1988, 1, 177.	0.3	8
90	Physical Determinants of Inter-Estuary Variation in Mangrove Species Richness Around the Tropical Coastline of Australia. <i>Journal of Biogeography</i> , 1987, 14, 9.	1.4	64

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91	Mangroves as nursery sites: comparisons of the abundance and species composition of fish and crustaceans in mangroves and other nearshore habitats in tropical Australia. <i>Marine Biology</i> , 1987, 96, 193-205.	0.7	369
92	Insect herbivory on mangrove leaves in North Queensland*. <i>Austral Ecology</i> , 1987, 12, 1-7.	0.7	71
93	Food preference studies and ingestion rate measurements of the mangrove amphipod <i>Parhyale hawaiiensis</i> (Dana). <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 98, 129-140.	0.7	54
94	Observations on the Floral and Vegetative Phenologies of North-Eastern Australian Mangroves. <i>Australian Journal of Botany</i> , 1984, 32, 87.	0.3	93
95	Mangrove Distributions in North-East Australia. <i>Journal of Biogeography</i> , 1982, 9, 111.	1.4	40
96	Growth Rings and Rainfall Correlations in a Mangrove Tree of the Genus <i>Diospyros</i> (Ebenaceae). <i>Australian Journal of Botany</i> , 1981, 29, 135.	0.3	27
97	Mangrove Litter Fall in North-Eastern Australia. I. Annual Totals by Component in Selected Species. <i>Australian Journal of Botany</i> , 1981, 29, 547.	0.3	76
98	Mangrove Litter Fall in North-Eastern Australia. II. Periodicity. <i>Australian Journal of Botany</i> , 1981, 29, 555.	0.3	30
99	The genus <i>Rhizophora</i> (Rhizophoraceae) in north-eastern Australia. <i>Australian Journal of Botany</i> , 1979, 27, 657.	0.3	37
100	<i>Lumnitzera rosea</i> (Combretaceae) -- Its Status and Floral Morphology. <i>Journal of the Arnold Arboretum</i> , 1978, 59, 342-351.	0.3	23