

# Donald R Strong

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

7,247  
citations

101543

36  
h-index

149698

56  
g-index

61  
all docs

61  
docs citations

61  
times ranked

5912  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Food Web Complexity and Community Dynamics. <i>American Naturalist</i> , 1996, 147, 813-846.  | 2.1  | 1,732     |
| 2  | Are Trophic Cascades All Wet? Differentiation and Donor-Control in Speciose Ecosystems. <i>Ecology</i> , 1992, 73, 747-754.   | 3.2  | 925       |
| 3  | When is a trophic cascade a trophic cascade?. <i>Trends in Ecology and Evolution</i> , 2000, 15, 473-475.   | 8.7  | 450       |
| 4  | ECOLOGY: Aquaculture--A Gateway for Exotic Species. <i>Science</i> , 2001, 294, 1655-1656.  | 12.6 | 393       |
| 5  | TESTS OF COMMUNITY-WIDE CHARACTER DISPLACEMENT AGAINST NULL HYPOTHESES. <i>Evolution; International Journal of Organic Evolution</i> , 1979, 33, 897-913.   | 2.3  | 283       |
| 6  | Status, prediction and prevention of introduced cordgrass <i>Spartina</i> spp. invasions in Pacific estuaries, USA. <i>Biological Conservation</i> , 1996, 78, 51-58.   | 4.1  | 243       |
| 7  | Natural Variability and the Manifold Mechanisms of Ecological Communities. <i>American Naturalist</i> , 1983, 122, 636-660.   | 2.1  | 224       |
| 8  | Spread of Exotic Cordgrasses and Hybrids ( <i>Spartina</i> sp.) in the Tidal Marshes of San Francisco Bay, California, USA. <i>Biological Invasions</i> , 2004, 6, 221-231.   | 2.4  | 188       |
| 9  | Ecological and Evolutionary Misadventures of <i>Spartina</i> . <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013, 44, 389-410.   | 8.3  | 179       |
| 10 | Pollen limitation causes an Allee effect in a wind-pollinated invasive grass ( <i>Spartina alterniflora</i> ). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13804-13807.                                   | 7.1  | 177       |
| 11 | An Allee effect at the front of a plant invasion: <i>Spartina</i> in a Pacific estuary. <i>Journal of Ecology</i> , 2004, 92, 321-327.  | 4.0  | 155       |
| 12 | Hybridization between introduced smooth cordgrass ( <i>Spartina alterniflora</i> ; Poaceae) and native California cordgrass ( <i>S. foliosa</i> ) in San Francisco Bay, California, USA. <i>American Journal of Botany</i> , 1997, 84, 607-611.                   | 1.7  | 151       |
| 13 | Reduced herbivore resistance in introduced smooth cordgrass ( <i>Spartina alterniflora</i> ) after a century of herbivore-free growth. <i>Oecologia</i> , 1997, 110, 99-108.  | 2.0  | 131       |
| 14 | Extent and degree of hybridization between exotic ( <i>Spartina alterniflora</i> ) and native ( <i>S. foliosa</i> ) cordgrass (Poaceae) in California, USA determined by random amplified polymorphic DNA (RAPDs). <i>Molecular Ecology</i> , 1999, 8, 1179-1186. | 3.9  | 124       |
| 15 | Null hypotheses in ecology. <i>Synthesis</i> , 1980, 43, 271-285.   | 1.1  | 121       |
| 16 | Greater male fitness of a rare invader ( <i>Spartina alterniflora</i> , Poaceae) threatens a common native ( <i>Spartina foliosa</i> ) with hybridization. <i>American Journal of Botany</i> , 1998, 85, 1597-1601.   | 1.7  | 103       |
| 17 | Geographic structure, genetic diversity and source tracking of <i>Spartina alterniflora</i> . <i>Journal of Biogeography</i> , 2007, 34, 2055-2069.   | 3.0  | 91        |
| 18 | Climate Affects Predator Control of an Herbivore Outbreak. <i>American Naturalist</i> , 2004, 163, 754-762.   | 2.1  | 89        |

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|----|---|------|-----------|
| 19 | Human Involvement in Food Webs. <i>Annual Review of Environment and Resources</i> , 2010, 35, 1-23.   | 13.4 | 89        |
| 20 | Geographical variation in vegetative growth and sexual reproduction of the invasive <i>Spartina alterniflora</i> in China. <i>Journal of Ecology</i> , 2016, 104, 173-181.  | 4.0  | 83        |
| 21 | Trophic cascades and trophic trickles in pelagic food webs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 205-209.  | 2.6  | 69        |
| 22 | Sexual reproduction of cordgrass hybrids ( <i>Spartina foliosa</i> x <i>S. alterniflora</i> ) invading tidal marshes in San Francisco Bay. <i>Diversity and Distributions</i> , 2008, 14, 187-195.  | 4.1  | 69        |
| 23 | Prediction and biological invasions. <i>Trends in Ecology and Evolution</i> , 1993, 8, 380.   | 8.7  | 68        |
| 24 | Hybridization between invasive <i>Spartina densiflora</i> (Poaceae) and native <i>S. foliosa</i> in San Francisco Bay, California, USA. <i>American Journal of Botany</i> , 2008, 95, 713-719.  | 1.7  | 67        |
| 25 | Origin and genetic diversity of <i>Spartina anglica</i> (Poaceae) using nuclear DNA markers. <i>American Journal of Botany</i> , 2001, 88, 1863-1867.   | 1.7  | 66        |
| 26 | MOLECULAR CONTROL POINTS IN RHIZOSPHERE FOOD WEBS. <i>Ecology</i> , 2003, 84, 816-826.  | 3.2  | 66        |
| 27 | Variable reproductive output among clones of <i>Spartina alterniflora</i> (Poaceae) invading San Francisco Bay, California: the influence of herbivory, pollination, and establishment site. <i>American Journal of Botany</i> , 1994, 81, 307-313. | 1.7  | 63        |
| 28 | Fear No Weevil?. <i>Science</i> , 1997, 277, 1058-1059.   | 12.6 | 62        |
| 29 | Characterization of microsatellite loci in <i>Spartina</i> species (Poaceae). <i>Molecular Ecology Notes</i> , 2003, 4, 39-42.  | 1.7  | 59        |
| 30 | Reconstructing a century of <i>Spartina alterniflora</i> invasion with historical records and contemporary remote sensing. <i>Ecoscience</i> , 2005, 12, 330-338.   | 1.4  | 58        |
| 31 | POTENTIAL FOR SELF-DEFEATING BIOLOGICAL CONTROL? VARIATION IN HERBIVORE VULNERABILITY AMONG INVASIVE SPARTINA GENOTYPES. , 2003, 13, 1640-1649.   |      | 57        |
| 32 | Variable Reproductive Output Among Clones of <i>Spartina alterniflora</i> (Poaceae) Invading San Francisco Bay, California: The Influence of Herbivory, Pollination, and Establishment Site. <i>American Journal of Botany</i> , 1994, 81, 307.     | 1.7  | 52        |
| 33 | Provenance x environment interaction of reproductive traits in the invasion of <i>Spartina alterniflora</i> in China. <i>Ecology</i> , 2017, 98, 1591-1599.   | 3.2  | 44        |
| 34 | Characterization of 24 additional microsatellite loci in <i>Spartina</i> species (Poaceae). <i>Conservation Genetics</i> , 2006, 6, 1049-1052.  | 1.5  | 43        |
| 35 | Contrasting plant adaptation strategies to latitude in the native and invasive range of <i>Spartina alterniflora</i> . <i>New Phytologist</i> , 2020, 226, 623-634.   | 7.3  | 43        |
| 36 | Extinction of a Common Native Species by Hybridization with an Invasive Congener. <i>Weed Technology</i> , 2004, 18, 1288-1291.   | 0.9  | 41        |

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|----|---|------|-----------|
| 37 | The rapid evolution of self-fertility in <i>Spartina</i> hybrids ( <i>Spartina alterniflora</i> × <i>foliosa</i> ) invading San Francisco Bay, CA. <i>Biological Invasions</i> , 2009, 11, 1131-1144.                           | 2.4  | 41        |
| 38 | Evolution of a new ecotype of <i>Spartina alterniflora</i> (Poaceae) in San Francisco Bay, California, USA. <i>American Journal of Botany</i> , 1999, 86, 543-546.  | 1.7  | 40        |
| 39 | Impact of High Herbivore Densities on Introduced Smooth Cordgrass, <i>Spartina alterniflora</i> , Invading San Francisco Bay, California. <i>Estuaries and Coasts</i> , 1995, 18, 409.  | 1.7  | 34        |
| 40 | Control and consequences of <i>Spartina</i> spp. invasions with focus upon San Francisco Bay. <i>Biological Invasions</i> , 2016, 18, 2237-2246.  | 2.4  | 33        |
| 41 | Potential of <i>Prokelisia</i> spp. as Biological Control Agents of English Cordgrass, <i>Spartina anglica</i> . <i>Biological Control</i> , 1999, 16, 267-273.   | 3.0  | 31        |
| 42 | Emerging risks of non-native species escapes from aquaculture: Call for policy improvements in China and other developing countries. <i>Journal of Applied Ecology</i> , 2020, 57, 85-90.                                       | 4.0  | 28        |
| 43 | Climate and geographic adaptation drive latitudinal clines in biomass of a widespread saltmarsh plant in its native and introduced ranges. <i>Limnology and Oceanography</i> , 2020, 65, 1399-1409.                             | 3.1  | 26        |
| 44 | Seasonally limited host supply generates microparasite population cycles. <i>Bulletin of Mathematical Biology</i> , 2004, 66, 583-594.  | 1.9  | 21        |
| 45 | Tidal and seasonal effects on survival rates of the endangered California clapper rail: does invasive <i>Spartina</i> facilitate greater survival in a dynamic environment?. <i>Biological Invasions</i> , 2014, 16, 1897-1914. | 2.4  | 20        |
| 46 | <i>Holcus lanatus</i> invasion slows decomposition through its interaction with a macroinvertebrate detritivore, <i>Porcellio scaber</i> . <i>Biological Invasions</i> , 2008, 10, 191-199.                                     | 2.4  | 17        |
| 47 | Lateral spread of invasive <i>Spartina alterniflora</i> in uncrowded environments. <i>Biological Invasions</i> , 2011, 13, 401-411.   | 2.4  | 16        |
| 48 | Responses to salinity of <i>Spartina</i> hybrids formed in San Francisco Bay, California (S.) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 302 Td (altern   | 2.4  | 13        |
| 49 | Quick indirect interactions in intertidal food webs. <i>Trends in Ecology and Evolution</i> , 1997, 12, 173-174.  | 8.7  | 12        |
| 50 | Safety Data Crucial for Biological Control Insect Agents. <i>Science</i> , 2000, 290, 1896-1897.  | 12.6 | 11        |
| 51 | Host resistance reverses the outcome of competition between microparasites. <i>Ecology</i> , 2009, 90, 1721-1728.   | 3.2  | 11        |
| 52 | Host selection by an insect herbivore with spatially variable density dependence. <i>Oecologia</i> , 2015, 179, 777-784.  | 2.0  | 10        |
| 53 | Top Down From Underground? The Underappreciated Influence of Subterranean Food Webs on Above-Ground Ecology. , 1996, , 170-175.   |      | 9         |
| 54 | Ecologists and environmentalism. <i>Frontiers in Ecology and the Environment</i> , 2008, 6, 347-347.  | 4.0  | 7         |

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|----|--|-----|-----------|
| 55 | Wood Decomposition Following a Perennial Lupine Die-Off: A 3-Year Litterbag Study. <i>Ecosystems</i> , 2008, 11, 442-453.  | 3.4 | 4         |
| 56 | Lack of susceptibility of soil-inhabiting <i>Platyrepia virginalis</i> caterpillars, a native arctiid, to entomopathogenic nematodes in nature. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 140, 28-34. | 1.4 | 2         |
| 57 | Editors Are Editors, Not Oracles. <i>Bulletin of the Ecological Society of America</i> , 2014, 95, 342-346.  | 0.2 | 2         |
| 58 | Cenozoic insect-plant diversification in the tropics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10827-10828.   | 7.1 | 1         |
| 59 | Title is missing!. <i>Biological Invasions</i> , 2001, 3, 97-98.   | 2.4 | 0         |
| 60 | Labels and values: a reply to Burke and Lauenroth. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 240-240.   | 4.0 | 0         |