

# Steven N Handel

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,058  
citations

159585

30  
h-index

254184

43  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2463  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Constraints and Competition in the Evolution of Flowering Phenology. <i>Ecological Monographs</i> , 1986, 56, 303-325.  | 5.4  | 299       |
| 2  | Restoration Biology: A Population Biology Perspective. <i>Restoration Ecology</i> , 1997, 5, 277-290.   | 2.9  | 241       |
| 3  | Pollination Ecology, Plant Population Structure, and Gene Flow. , 1983, , 163-211.  |      | 216       |
| 4  | The Intrusion of Clonal Growth Patterns on Plant Breeding Systems. <i>American Naturalist</i> , 1985, 125, 367-384.   | 2.1  | 210       |
| 5  | Urbanization promotes non-native woody species and diverse plant assemblages in the New York metropolitan region. <i>Urban Ecosystems</i> , 2015, 18, 31-45.  | 2.4  | 173       |
| 6  | Forest Restoration on a Closed Landfill: Rapid Addition of New Species by Bird Dispersal. <i>Conservation Biology</i> , 1993, 7, 271-278.   | 4.7  | 162       |
| 7  | Ants Disperse a Majority of Herbs in a Mesic Forest Community in New York State. <i>Bulletin of the Torrey Botanical Club</i> , 1981, 108, 430.   | 0.6  | 145       |
| 8  | A Century of Change in the Staten Island Flora: Ecological Correlates of Species Losses and Invasions. <i>Bulletin of the Torrey Botanical Club</i> , 1994, 121, 119.   | 0.6  | 98        |
| 9  | DIRECTING SPATIAL PATTERNS OF RECRUITMENT DURING AN EXPERIMENTAL URBAN WOODLAND RECLAMATION. , 2000, 10, 174-188.   |      | 92        |
| 10 | Jumping spiders (Salticidae) enhance the seed production of a plant with extrafloral nectaries. <i>Oecologia</i> , 1999, 119, 227-230.  | 2.0  | 91        |
| 11 | POLLINATORS DISCRIMINATE AMONG FLORAL HEIGHTS OF A SEXUALLY DECEPTIVE ORCHID: IMPLICATIONS FOR SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 1681-1687.                           | 2.3  | 89        |
| 12 | Seed Dispersal by Ants. <i>Scientific American</i> , 1990, 263, 76-83A.   | 1.0  | 83        |
| 13 | Fruit type, life form and origin determine the success of woody plant invaders in an urban landscape. <i>Biological Invasions</i> , 2007, 9, 465-475.   | 2.4  | 77        |
| 14 | Restricted pollen flow of two woodland herbs determined by neutron-activation analysis. <i>Nature</i> , 1976, 260, 422-423.   | 27.8 | 67        |
| 15 | CONTRASTING GENE FLOW PATTERNS AND GENETIC SUBDIVISION IN ADJACENT POPULATIONS OF CUCUMIS SATIVUS (CUCURBITACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1983, 37, 760-771.                    | 2.3  | 58        |
| 16 | THE COMPETITIVE RELATIONSHIP OF THREE WOODLAND SEDGES AND ITS BEARING ON THE EVOLUTION OF ANT-DISPERSAL OF <i>CAREX PEDUNCULATA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1978, 32, 151-163. | 2.3  | 54        |
| 17 | DISPERSAL ECOLOGY OF <i>CAREX PEDUNCULATA</i> (CYPERACEAE), A NEW NORTH AMERICAN MYRMECOCHORE. <i>American Journal of Botany</i> , 1976, 63, 1071-1079.   | 1.7  | 53        |
| 18 | Deer and Invasive Plant Species Suppress Forest Herbaceous Communities and Canopy Tree Regeneration. <i>Natural Areas Journal</i> , 2011, 31, 400-407.  | 0.5  | 52        |

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|----|--|-----|-----------|
| 19 | Restoration of Woody Plants to Capped Landfills: Root Dynamics in an Engineered Soil. <i>Restoration Ecology</i> , 1997, 5, 178-186.   | 2.9 | 47        |
| 20 | Restoration treatments in urban park forests drive long-term changes in vegetation trajectories. <i>Ecological Applications</i> , 2016, 26, 940-956.   | 3.8 | 47        |
| 21 | TEMPORAL SHIFTS IN GENE FLOW AND SEED SET: EVIDENCE FROM AN EXPERIMENTAL POPULATION OF <i>CUCUMIS SATIVUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 1350-1357.      | 2.3 | 45        |
| 22 | Freshwater wetland restoration of an abandoned sand mine: Seed bank recruitment dynamics and plant colonization. <i>Wetlands</i> , 1996, 16, 185-196.  | 1.5 | 44        |
| 23 | Plants in the city: understanding recruitment dynamics in urban landscapes. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 455-463.   | 4.0 | 43        |
| 24 | Biodiversity Resources for Restoration Ecology. <i>Restoration Ecology</i> , 1994, 2, 230-241.   | 2.9 | 42        |
| 25 | Additive and nonadditive effects of herbivory and competition on tree seedling mortality, growth, and allocation. <i>American Journal of Botany</i> , 2000, 87, 1821-1826.                               | 1.7 | 41        |
| 26 | Restoring Beaches for Atlantic Coast Piping Plovers ( <i>Charadrius melodus</i> ): A Classification and Regression Tree Analysis of Nest-Site Selection. <i>Restoration Ecology</i> , 2011, 19, 194-203. | 2.9 | 40        |
| 27 | Urban tinkering. <i>Sustainability Science</i> , 2018, 13, 1549-1564.  | 4.9 | 40        |
| 28 | <i>Quercus rubra</i> -associated ectomycorrhizal fungal communities of disturbed urban sites and mature forests. <i>Mycorrhiza</i> , 2011, 21, 537-547.  | 2.8 | 38        |
| 29 | DYNAMICS OF GENE FLOW IN AN EXPERIMENTAL POPULATION OF <i>CUCUMIS MELO</i> (CUCURBITACEAE). <i>American Journal of Botany</i> , 1982, 69, 1538-1546.   | 1.7 | 37        |
| 30 | Invasive <i>Acer platanoides</i> inhibits native sapling growth in forest understorey communities. <i>Journal of Ecology</i> , 2008, 96, 293-302.  | 4.0 | 35        |
| 31 | Pollinators Discriminate among Floral Heights of a Sexually Deceptive Orchid: Implications for Selection. <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 1681.                 | 2.3 | 33        |
| 32 | A long-term evaluation of applied nucleation as a strategy to facilitate forest restoration. <i>Ecological Applications</i> , 2016, 26, 104-114.   | 3.8 | 31        |
| 33 | Dynamics of Gene Flow in an Experimental Population of <i>Cucumis melo</i> (Cucurbitaceae). <i>American Journal of Botany</i> , 1982, 69, 1538.  | 1.7 | 31        |
| 34 | Thynnine wasps discriminate among heights when seeking mates: tests with a sexually deceptive orchid. <i>Oecologia</i> , 1993, 95, 241-245.  | 2.0 | 28        |
| 35 | Survival, reproduction, and recruitment of woody plants after 14 years on a reforested landfill. <i>Environmental Management</i> , 1992, 16, 265-271.  | 2.7 | 25        |
| 36 | New ant-dispersed species in the genera <i>Carex</i> , <i>Luzula</i> , and <i>Claytonia</i> . <i>Canadian Journal of Botany</i> , 1978, 56, 2925-2927.   | 1.1 | 24        |

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|----|--|-----|-----------|
| 37 | Dispersal Ecology of <i>Carex pedunculata</i> (Cyperaceae), a New North American Myrmecochore. <i>American Journal of Botany</i> , 1976, 63, 1071.   | 1.7 | 24        |
| 38 | Woody plant roots fail to penetrate a clay-lined landfill: Management implications. <i>Environmental Management</i> , 1995, 19, 57-64.   | 2.7 | 21        |
| 39 | The shore is wider than the beach: Ecological planning solutions to sea level rise for the Jersey Shore, USA. <i>Landscape and Urban Planning</i> , 2017, 157, 512-522.  | 7.5 | 21        |
| 40 | Natural regeneration in urban forests is limited by early establishment dynamics: implications for management. <i>Ecological Applications</i> , 2021, 31, e02255.  | 3.8 | 17        |
| 41 | Vertical Growth and Mycorrhizal Infection of Woody Plant Roots as Potential Limits to the Restoration of Woodlands on Landfills. <i>Restoration Ecology</i> , 1998, 6, 280-289.                                | 2.9 | 13        |
| 42 | Management intensity steers the long-term fate of ecological restoration in urban woodlands. <i>Urban Forestry and Urban Greening</i> , 2019, 41, 85-92.   | 5.3 | 13        |
| 43 | Restoration Ecology in an Urbanizing World. , 2013, , 665-698.   |     | 9         |
| 44 | <i>Acer rubrum</i> (red maple) growth is negatively affected by soil from forest stands dominated by its invasive congener ( <i>Acer platanoides</i> , Norway maple). <i>Plant Ecology</i> , 2012, 213, 77-88. | 1.6 | 4         |
| 45 | Corolla size and temporal displacement of flowering times among sympatric diploid and tetraploid highbush blueberry ( <i>Vaccinium corymbosum</i> ). <i>Botany</i> , 2017, 95, 395-404.                        | 1.0 | 3         |
| 46 | Pollination Dynamics and Gene Flow in <i>Cucumis melo</i> (Cucurbitaceae). <i>BioScience</i> , 1983, 33, 193-194.  | 4.9 | 1         |
| 47 | A long-term evaluation of applied nucleation as a strategy to facilitate forest restoration. , 2015, , 150527150908005.  |     | 1         |
| 48 | Resilience and Coastal Ecosystems: Three Typologies, Three Design Approaches. , 2018, , 195-208.   |     | 0         |