# Diego P VÃ¡zquez

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 93 papers | 9,344 citations | 70961 41 h-index | 42291 92 g-index |
| 99 all docs | 99 docs citations | 99 times ranked | 9118 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Quantitative Prediction of Interactions in Bipartite Networks Based on Traits, Abundances, and Phylogeny. American Naturalist, 2022, 199, 841-854. | 1.0 | 8 |
| 2 | A keystone mutualism promotes resistance to invasion. Journal of Animal Ecology, 2022, 91, 74-85. | 1.3 | 4 |
| 3 | The disruption of a keystone interaction erodes pollination and seed dispersal networks. Ecology, 2022, 103, e03547. | 1.5 | 7 |
| 4 | Abundance and phenology drive plantâ€"pollinator network responses to restoration in the Southern Atlantic rainforest in Brazil. Restoration Ecology, 2022, 30, . | 1.4 | 4 |
| 5 | Large herbivores facilitate a dominant grassland forb via multiple indirect effects. Ecology, 2022, 103, e3635. | 1.5 | 10 |
| 6 | Invasive bumble bee disrupts a pollination mutualism over space and time. Biological Invasions, 2022, 24, 1439-1452. | 1.2 | 7 |
| 7 | Ecological network complexity scales with area. Nature Ecology and Evolution, 2022, 6, 307-314. | 3.4 | 35 |
| 8 | Flexible diets enable pollinators to cope with changes in plant community composition. Journal of Ecology, 2022, 110, 1913-1927. | 1.9 | 5 |
| 9 | Network science: Applications for sustainable agroecosystems and food security. Perspectives in Ecology and Conservation, 2022, 20, 79-90. | 1.0 | 7 |
| 10 | Robustness of a metaâ€network to alternative habitat loss scenarios. Oikos, 2021, 130, 133-142. | 1.2 | 5 |
| 11 | Seeing through the static: the temporal dimension of plantâ€"animal mutualistic interactions. Ecology Letters, 2021, 24, 149-161. | 3.0 | 66 |
| 12 | Bats and hawkmoths form mixed modules with flowering plants in a nocturnal interaction network. Biotropica, 2021, 53, 596-607. | 0.8 | 24 |
| 13 | Plantâ€"pollinator interactions between generalists persist over time and space. Ecology, 2021, 102, e03359. | 1.5 | 13 |
| 14 | Plantâ€"plant co-occurrences under a complex land-use gradient in a temperate forest. Oecologia, 2021, 196, 815-824. | 0.9 | 2 |
| 15 | Within-day dynamics of plantâ€"pollinator networks are dominated by early flower closure: an experimental test of network plasticity. Oecologia, 2021, 196, 781-794. | 0.9 | 9 |
| 16 | Managed honeybee hives and the diversity of wild bees in a dryland nature reserve. Apidologie, 2021, 52, 991-1001. | 0.9 | 4 |
| 17 | Experimental reduction of plant abundance changes interaction frequency of a triâ€trophic microâ€food web: contrasting responses of generalists and specialists. Journal of Ecology, 2020, 108, 415-423. | 1.9 | 5 |
| 18 | No such thing as a free lunch: interaction costs and the structure and stability of mutualistic networks. Oikos, 2020, 129, 503-511. | 1.2 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Analysis of an invasion in the community context: a case study about differences and similarities between native and non-native shrubs. Plant Ecology, 2020, 221, 83-89. | 0.7 | 4 |
| 20 | Drivers of the structure of plantâ€"hummingbird interaction networks at multiple temporal scales. Oecologia, 2020, 193, 913-924. | 0.9 | 16 |
| 21 | Modeling habitat suitability and spread dynamics of two invasive rose species in protected areas of Mendoza, Argentina. Ecological Complexity, 2020, 44, 100868. | 1.4 | 4 |
| 22 | Trait matching and phenological overlap increase the spatioâ€temporal stability and functionality of plantâ€"pollinator interactions. Ecology Letters, 2020, 23, 1107-1116. | 3.0 | 58 |
| 23 | Temporal scaleâ€dependence of plantâ€"pollinator networks. Oikos, 2020, 129, 1289-1302. | 1.2 | 66 |
| 24 | Strength of niche processes for species interactions is lower for generalists and exotic species. Journal of Animal Ecology, 2020, 89, 2145-2155. | 1.3 | 21 |
| 25 | Similarities and differences in the realized niche of two allopatric populations of a solitary bee under environmental variability. Apidologie, 2020, 51, 439-454. | 0.9 | 6 |
| 26 | Coreâ€"periphery dynamics in a plantâ€"pollinator network. Journal of Animal Ecology, 2020, 89, 1670-1677. | 1.3 | 36 |
| 27 | Pollinator declines and the stability of plantâ€"pollinator networks. Ecosphere, 2020, 11, e03069. | 1.0 | 17 |
| 28 | Landscape connectivity explains interaction network patterns at multiple scales. Ecology, 2019, 100, e02883. | 1.5 | 12 |
| 29 | Dung beetles and nutrient cycling in a dryland environment. Catena, 2019, 179, 66-73. | 2.2 | 30 |
| 30 | Towards an applied metaecology. Perspectives in Ecology and Conservation, 2019, 17, 172-181. | 1.0 | 30 |
| 31 | Inferring coevolution in a plantâ€"pollinator network. Oikos, 2019, 128, 775-789. | 1.2 | 16 |
| 32 | Landâ€use intensity indirectly affects ecosystem services mainly through plant functional identity in a temperate forest. Functional Ecology, 2018, 32, 1390-1399. | 1.7 | 44 |
| 33 | Interaction frequency, network position, and the temporal persistence of interactions in a plantâ€"pollinator network. Ecology, 2018, 99, 21-28. | 1.5 | 74 |
| 34 | Morphological response of a cactus to cement dust pollution. Ecotoxicology and Environmental Safety, 2018, 148, 571-577. | 2.9 | 19 |
| 35 | Phenology determines the robustness of plantâ€"pollinator networks. Scientific Reports, 2018, 8, 14873. | 1.6 | 25 |
| 36 | Species traits and network structure predict the success and impacts of pollinator invasions. Nature Communications, 2018, 9, 2153. | 5.8 | 57 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Ecology and nesting biology of the wood-boring bee Trichothurgus laticeps (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 0.9 | 5 |
| 38 | Ecological and evolutionary impacts of changing climatic variability. Biological Reviews, 2017, 92, 22-42. | 4.7 | 201 |
| 39 | Exotic plants promote pollination niche overlap in an agroecosystem. Agriculture, Ecosystems and Environment, 2017, 239, 304-309. | 2.5 | 14 |
| 40 | Nesting ecology of sympatric species of wool carder bees (Hymenoptera: Megachilidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (< | 0.7 | 6 |
| 41 | Fire influences the structure of plantâ€"bee networks. Journal of Animal Ecology, 2017, 86, 1372-1379. | 1.3 | 38 |
| 42 | Potential contribution to the invasion process of different reproductive strategies of two invasive roses. Biological Invasions, 2017, 19, 615-623. | 1.2 | 9 |
| 43 | Demography and population growth rate of the tree Prosopis flexuosa with contrasting grazing regimes in the Central Monte Desert. Forest Ecology and Management, 2016, 369, 184-190. | 1.4 | 9 |
| 44 | Abundance and generalisation in mutualistic networks: solvingÂthe chickenâ€andâ€egg dilemma. Ecology Letters, 2016, 19, 4-11. | 3.0 | 80 |
| 45 | Flower diversity and bee reproduction in an arid ecosystem. PeerJ, 2016, 4, e2250. | 0.9 | 7 |
| 46 | A conceptual framework for studying the strength of plantâ€"animal mutualistic interactions. Ecology Letters, 2015, 18, 385-400. | 3.0 | 67 |
| 47 | No Defensive Role of Ants throughout a Broad Latitudinal and Elevational Range of a Cactus. Biotropica, 2015, 47, 347-354. | 0.8 | 13 |
| 48 | When mutualism goes bad: densityâ€dependent impacts of introduced bees on plant reproduction. New Phytologist, 2014, 204, 322-328. | 3.5 | 95 |
| 49 | Phylogenetic tree shape and the structure of mutualistic networks. Journal of Ecology, 2014, 102, 1234-1243. | 1.9 | 14 |
| 50 | Determinants of the microstructure of plantâ€"pollinator networks. Ecology, 2014, 95, 3314-3324. | 1.5 | 58 |
| 51 | The diversityâ€"stability relationship in floral production. Oikos, 2014, 123, 1137-1143. | 1.2 | 12 |
| 52 | The dimensionality of ecological networks. Ecology Letters, 2013, 16, 577-583. | 3.0 | 246 |
| 53 | The Importance of Pollinator Generalization and Abundance for the Reproductive Success of a Generalist Plant. PLoS ONE, 2013, 8, e75482. | 1.1 | 22 |
| 54 | The strength of plantâ€"pollinator interactions. Ecology, 2012, 93, 719-725. | 1.5 | 75 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Revisiting the Potential Conservation Value of Nonâ€Native Species. Conservation Biology, 2012, 26, 1153-1155. | 2.4 | 81 |
| 56 | Evaluating sampling completeness in a desert plantâ€“pollinator network. Journal of Animal Ecology, 2012, 81, 190-200. | 1.3 | 268 |
| 57 | Rareness and specialization in plantâ€“pollinator networks. Ecology, 2011, 92, 19-25. | 1.5 | 73 |
| 58 | Habitat specificity can blur the predictions of speciesâ€“energy theory: A case study of tenebrionid beetles adapted to aridity. Journal of Arid Environments, 2011, 75, 703-710. | 1.2 | 9 |
| 59 | Ecological consequences of dead wood extraction in an arid ecosystem. Basic and Applied Ecology, 2011, 12, 722-732. | 1.2 | 18 |
| 60 | Soil disturbance, vegetation cover and the establishment of the exotic shrub Pyracantha coccinea in southern France. Biological Invasions, 2010, 12, 1023-1029. | 1.2 | 10 |
| 61 | The speciesâ€“energy theory: a role for energy variability. Ecography, 2010, 33, 942-948. | 2.1 | 35 |
| 62 | Frequency-Dependent Selection Predicts Patterns of Radiations and Biodiversity. PLoS Computational Biology, 2010, 6, e1000892. | 1.5 | 20 |
| 63 | Benefit and cost curves for typical pollination mutualisms. Ecology, 2010, 91, 1276-1285. | 1.5 | 89 |
| 64 | Introduced deer and the pollination and reproduction of an animal-pollinated herb. Botany, 2010, 88, 110-118. | 0.5 | 3 |
| 65 | Habitat protection, cattle grazing and densityâ€dependent reproduction in a desert tree. Austral Ecology, 2009, 34, 901-907. | 0.7 | 19 |
| 66 | Evaluating multiple determinants of the structure of plantâ€“animal mutualistic networks. Ecology, 2009, 90, 2039-2046. | 1.5 | 326 |
| 67 | A metaâ€analysis of bees' responses to anthropogenic disturbance. Ecology, 2009, 90, 2068-2076. | 1.5 | 739 |
| 68 | Uniting pattern and process in plantâ€“animal mutualistic networks: a review. Annals of Botany, 2009, 103, 1445-1457. | 1.4 | 464 |
| 69 | The effect of space in plantâ€“animal mutualistic networks: insights from a simulation study. Oikos, 2008, 117, 1362-1370. | 1.2 | 56 |
| 70 | WHAT DO INTERACTION NETWORK METRICS TELL US ABOUT SPECIALIZATION AND BIOLOGICAL TRAITS. Ecology, 2008, 89, 3387-3399. | 1.5 | 374 |
| 71 | Species abundance and asymmetric interaction strength in ecological networks. Oikos, 2007, 116, 1120-1127. | 1.2 | 58 |
| 72 | DIRECT AND INTERACTIVE EFFECTS OF ENEMIES AND MUTUALISTS ON PLANT PERFORMANCE: A META-ANALYSIS. Ecology, 2007, 88, 1021-1029. | 1.5 | 208 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Species abundance and asymmetric interaction strength in ecological networks. Oikos, 2007, 116, 1120-1127. | 1.2 | 497 |
| 74 | Pollination and other ecosystem services produced by mobile organisms: a conceptual framework for the effects of land-use change. Ecology Letters, 2007, 10, 299-314. | 3.0 | 1,096 |
| 75 | The macroecology of marine cleaning mutualisms. Journal of Animal Ecology, 2007, 76, 105-111. | 1.3 | 61 |
| 76 | Flowering phenologies of hummingbird plants from the temperate forest of southern South America: is there evidence of competitive displacement?. Ecography, 2006, 29, 357-366. | 2.1 | 89 |
| 77 | Biotic interactions and plant invasions. Ecology Letters, 2006, 9, 726-740. | 3.0 | 649 |
| 78 | Exploring the relationship between nichie breadth and invasion success. , 2006, , 307-322. | | 40 |
| 79 | Interaction frequency as a surrogate for the total effect of animal mutualists on plants. Ecology Letters, 2005, 8, 1088-1094. | 3.0 | 467 |
| 80 | Species abundance and the distribution of specialization in host-parasite interaction networks. Journal of Animal Ecology, 2005, 74, 946-955. | 1.3 | 199 |
| 81 | Degree distribution in plant-animal mutualistic networks: forbidden links or random interactions?. Oikos, 2005, 108, 421-426. | 1.2 | 113 |
| 82 | INDIRECT EFFECTS OF AN INTRODUCED UNGULATE ON POLLINATION AND PLANT REPRODUCTION. Ecological Monographs, 2004, 74, 281-308. | 2.4 | 97 |
| 83 | The Latitudinal Gradient in Niche Breadth: Concepts and Evidence. American Naturalist, 2004, 164, E1-E19. | 1.0 | 207 |
| 84 | ASYMMETRIC SPECIALIZATION: A PERVASIVE FEATURE OF PLANTâ€“POLLINATOR INTERACTIONS. Ecology, 2004, 85, 1251-1257. | 1.5 | 343 |
| 85 | Biodiversity and species interactions: extending Lotka-Volterra community theory. Ecology Letters, 2003, 6, 944-952. | 3.0 | 72 |
| 86 | Changes in interaction biodiversity induced by an introduced ungulate. Ecology Letters, 2003, 6, 1077-1083. | 3.0 | 104 |
| 87 | NULL MODEL ANALYSES OF SPECIALIZATION IN PLANTâ€“POLLINATOR INTERACTIONS. Ecology, 2003, 84, 2493-2501. | 1.5 | 186 |
| 88 | Ecological Specialization and Susceptibility to Disturbance: Conjectures and Refutations. American Naturalist, 2002, 159, 606-623. | 1.0 | 228 |
| 89 | Historia natural y conservaciÃ³n de los mutualismos planta-animal del bosque templado de SudamÃ©rica austral. Revista Chilena De Historia Natural, 2002, 75, 79. | 0.5 | 93 |
| 90 | Multiple Effects of Introduced Mammalian Herbivores in a Temperate Forest. Biological Invasions, 2002, 4, 175-191. | 1.2 | 131 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | The calculus of biodiversity: integrating phylogeny and conservation. Trends in Ecology and Evolution, 2000, 15, 92-94. | 4.2 | 24 |
| 92 | Biodiversity conservation: Does phylogeny matter?. Current Biology, 1998, 8, R379-R381. | 1.8 | 44 |
| 93 | Hiking and livestock favor non-native plants in the high Andes. Biological Invasions, 0, , . | 1.2 | 4 |