# Paul Va Fine

List of Publications by Year
in descending order



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|---|---|---|---|
| 86 papers | 9,070 citations | 101384 36 h-index | 53109 85 g-index |
| 88 all docs | 88 docs citations | 88 times ranked | 12024 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A review of Neotropical Burseraceae. Revista Brasileira De Botanica, 2022, 45, 103-137. | 0.5 | 6 |
| 2 | Certification of aÃ§aÃ-agroforestry increases the conservation potential of the Amazonian tree flora. Agroforestry Systems, 2022, 96, 407-416. | 0.9 | 4 |
| 3 | Genomic and phenotypic divergence unveil microgeographic adaptation in the Amazonian hyperdominant tree Eperua falcata Aubl. (Fabaceae). Molecular Ecology, 2021, 30, 1136-1154. | 2.0 | 24 |
| 4 | Exploring the links between secondary metabolites and leaf spectral reflectance in a diverse genus of Amazonian trees. Ecosphere, 2021, 12, e03362. | 1.0 | 12 |
| 5 | Amazon tree dominance across forest strata. Nature Ecology and Evolution, 2021, 5, 757-767. | 3.4 | 27 |
| 6 | Revisiting the hyperdominance of Neotropical tree species under a taxonomic, functional and evolutionary perspective. Scientific Reports, 2021, 11, 9585. | 1.6 | 13 |
| 7 | The contribution of environmental and dispersal filters on phylogenetic and taxonomic beta diversity patterns in Amazonian tree communities. Oecologia, 2021, 196, 1119-1137. | 0.9 | 7 |
| 8 | Biogeographic history and habitat specialization shape floristic and phylogenetic composition across Amazonian forests. Ecological Monographs, 2021, 91, e01473. | 2.4 | 10 |
| 9 | The contribution of multiple barriers to reproduction between edaphically divergent lineages in the Amazonian tree Protium subserratum (Burseraceae). Ecology and Evolution, 2020, 10, 6646-6663. | 0.8 | 9 |
| 10 | Biased-corrected richness estimates for the Amazonian tree flora. Scientific Reports, 2020, 10, 10130. | 1.6 | 53 |
| 11 | Natural selection maintains species despite frequent hybridization in the desert shrub Encelia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33373-33383. | 3.3 | 21 |
| 12 | Convergent evolution of tree hydraulic traits in Amazonian habitats: implications for community assemblage and vulnerability to drought. New Phytologist, 2020, 228, 106-120. | 3.5 | 42 |
| 13 | <p><strong>A new species of <em>Protium</em> (Burseraceae) from the Pacific Coast of Costa Rica</strong></p>. Phytotaxa, 2020, 434, 183-194. | 0.1 | 2 |
| 14 | Rarity of monodominance in hyperdiverse Amazonian forests. Scientific Reports, 2019, 9, 13822. | 1.6 | 28 |
| 15 | Dominant tree species drive beta diversity patterns in western Amazonia. Ecology, 2019, 100, e02636. | 1.5 | 23 |
| 16 | Leaf Transcriptome Assembly of Protium copal (Burseraceae) and Annotation of Terpene Biosynthetic Genes. Genes, 2019, 10, 392. | 1.0 | 6 |
| 17 | The Amazonasâ€trap: a new method for sampling plantâ€inhabiting arthropod communities in tropical forest understory. Entomologia Experimentalis Et Applicata, 2019, 167, 534-543. | 0.7 | 5 |
| 18 | Reestablishment of Protium cordatum (Burseraceae) based on integrative taxonomy. Taxon, 2019, 68, 34-46. | 0.4 | 17 |

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|---|---|---|---|
| 19 | Imaging spectroscopy predicts variable distance decay across contrasting Amazonian tree communities. Journal of Ecology, 2019, 107, 696-710. | 1.9 | 25 |
| 20 | Sesenta y cuatro nuevos registros para la flora del PerÃº a travÃ©s de inventarios biolÃ³gicos rÃ¡pidos en la AmazonÃa peruana. Revista Peruana De Biologia, 2019, 26, 379-392. | 0.1 | 2 |
| 21 | Species Distribution Modelling: Contrasting presence-only models with plot abundance data. Scientific Reports, 2018, 8, 1003. | 1.6 | 113 |
| 22 | Peatland forests are the least diverse tree communities documented in Amazonia, but contribute to high regional betaâ€diversity. Ecography, 2018, 41, 1256-1269. | 2.1 | 35 |
| 23 | Dry and hot: the hydraulic consequences of a climate changeâ€“type drought for Amazonian trees. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20180209. | 1.8 | 49 |
| 24 | Towards integrative taxonomy in Neotropical botany: disentangling the Pagamea guianensis species complex (Rubiaceae). Botanical Journal of the Linnean Society, 2018, 188, 213-231. | 0.8 | 41 |
| 25 | Generic limits re-visited and an updated sectional classification for Protium (tribe Protieae). Studies in Neotropical Burseraceae XXV. Brittonia, 2018, 70, 418-426. | 0.8 | 18 |
| 26 | Importance of dispersal in the assembly of the Neotropical biota. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5829-5831. | 3.3 | 19 |
| 27 | Origin and maintenance of chemical diversity in a species-rich tropical tree lineage. Nature Ecology and Evolution, 2018, 2, 983-990. | 3.4 | 88 |
| 28 | Divergent Secondary Metabolites and Habitat Filtering Both Contribute to Tree Species Coexistence in the Peruvian Amazon. Frontiers in Plant Science, 2018, 9, 836. | 1.7 | 24 |
| 29 | Maximising Synergy among Tropical Plant Systematists, Ecologists, and Evolutionary Biologists. Trends in Ecology and Evolution, 2017, 32, 258-267. | 4.2 | 52 |
| 30 | Geographical Variation in Community Divergence: Insights from Tropical Forest Monodominance by Ectomycorrhizal Trees. American Naturalist, 2017, 190, S105-S122. | 1.0 | 19 |
| 31 | Incorporating phylogenetic information for the definition of floristic districts in hyperdiverse Amazon forests: Implications for conservation. Ecology and Evolution, 2017, 7, 9639-9650. | 0.8 | 14 |
| 32 | Environmental filtering of eudicot lineages underlies phylogenetic clustering in tropical South American flooded forests. Oecologia, 2017, 183, 327-335. | 0.9 | 22 |
| 33 | Taxonomic and functional composition of arthropod assemblages across contrasting Amazonian forests. Journal of Animal Ecology, 2016, 85, 227-239. | 1.3 | 25 |
| 34 | There's no place like home: seedling mortality contributes to the habitat specialisation of tree species across Amazonia. Ecology Letters, 2016, 19, 1256-1266. | 3.0 | 23 |
| 35 | Neotropical Whiteâ€sand Forests: Origins, Ecology and Conservation of a Unique Rain Forest Environment. Biotropica, 2016, 48, 5-6. | 0.8 | 7 |
| 36 | Low Phylogenetic Beta Diversity and Geographic Neoâ€endemism in Amazonian Whiteâ€sand Forests. Biotropica, 2016, 48, 34-46. | 0.8 | 52 |

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|---|---|---|---|
| 37 | Habitat Endemism in Whiteâ€sand Forests: Insights into the Mechanisms of Lineage Diversification and Community Assembly of the Neotropical Flora. Biotropica, 2016, 48, 24-33. | 0.8 | 64 |
| 38 | Phylogenetic Overdispersion in Lepidoptera Communities of Amazonian Whiteâ€sand Forests. Biotropica, 2016, 48, 101-109. | 0.8 | 9 |
| 39 | Assessing the latitudinal gradient in herbivory. Global Ecology and Biogeography, 2015, 24, 1106-1112. | 2.7 | 63 |
| 40 | Habitat-specific divergence of procyanidins in Protium subserratum (Burseraceae). Chemoecology, 2015, 25, 293-302. | 0.6 | 20 |
| 41 | Globally, functional traits are weak predictors of juvenile tree growth, and we do not know why. Journal of Ecology, 2015, 103, 978-989. | 1.9 | 131 |
| 42 | Ecological and Evolutionary Drivers of Geographic Variation in Species Diversity. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 369-392. | 3.8 | 328 |
| 43 | To move or to evolve: contrasting patterns of intercontinental connectivity and climatic niche evolution in Ã¢â‚¬Å“TerebinthaceaeÃ¢â‚¬Â•(Anacardiaceae and Burseraceae). Frontiers in Genetics, 2014, 5, 409. | 1.1 | 75 |
| 44 | Wood specific gravity and anatomy of branches and roots in 113 <scp>A</scp>mazonian rainforest tree species across environmental gradients. New Phytologist, 2014, 202, 79-94. | 3.5 | 89 |
| 45 | Genetic variation within a dominant shrub structures green and brown community assemblages. Ecology, 2014, 95, 387-398. | 1.5 | 28 |
| 46 | Environmental factors predict community functional composition in <scp>A</scp>mazonian forests. Journal of Ecology, 2014, 102, 145-155. | 1.9 | 132 |
| 47 | INVESTIGATING PROCESSES OF NEOTROPICAL RAIN FOREST TREE DIVERSIFICATION BY EXAMINING THE EVOLUTION AND HISTORICAL BIOGEOGRAPHY OF THE PROTIEAE (BURSERACEAE). Evolution; International Journal of Organic Evolution, 2014, 68, 1988-2004. | 1.1 | 98 |
| 48 | Evidence for ecological divergence across a mosaic of soil types in an Amazonian tropical tree: Protium subserratum (Burseraceae). Molecular Ecology, 2014, 23, 2543-2558. | 2.0 | 48 |
| 49 | Leaf synchrony and insect herbivory among tropical tree habitat specialists. Plant Ecology, 2014, 215, 209-220. | 0.7 | 25 |
| 50 | Percentage leaf herbivory across vascular plant species. Ecology, 2014, 95, 788-788. | 1.5 | 53 |
| 51 | The importance of environmental heterogeneity and spatial distance in generating phylogeographic structure in edaphic specialist and generalist tree species of Protium (Burseraceae) across the Amazon Basin. Journal of Biogeography, 2013, 40, 646-661. | 1.4 | 38 |
| 52 | Hyperdominance in the Amazonian Tree Flora. Science, 2013, 342, 1243092. | 6.0 | 873 |
| 53 | Rapid Simultaneous Estimation of Aboveground Biomass and Tree Diversity Across Neotropical Forests: A Comparison of Field Inventory Methods. Biotropica, 2013, 45, 288-298. | 0.8 | 73 |
| 54 | Strong coupling of plant and fungal community structure across western Amazonian rainforests. ISME Journal, 2013, 7, 1852-1861. | 4.4 | 333 |

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|---|---|---|---|
| 55 | Habitat Specialization by Birds in Western Amazonian Whiteâ€sand Forests. Biotropica, 2013, 45, 365-372. | 0.8 | 40 |
| 56 | Diversification of the monoterpene synthase gene family (TPSb) in Protium, a highly diverse genus of tropical trees. Molecular Phylogenetics and Evolution, 2013, 68, 432-442. | 1.2 | 13 |
| 57 | Insect herbivores, chemical innovation, and the evolution of habitat specialization in Amazonian trees. Ecology, 2013, 94, 1764-1775. | 1.5 | 91 |
| 58 | Uncorrelated evolution of leaf and petal venation patterns across the angiosperm phylogeny. Journal of Experimental Botany, 2013, 64, 4081-4088. | 2.4 | 38 |
| 59 | Anthropogenic Burning on the Central California Coast in Late Holocene and Early Historical Times: Findings, Implications, and Future Directions. California Archaeology, 2013, 5, 371-390. | 0.1 | 28 |
| 60 | Population Genetic Structure of California Hazelnut, An Important Food Source for People in Quiroste Valley in the Late Holocene. California Archaeology, 2013, 5, 353-370. | 0.1 | 9 |
| 61 | Plant Ontogeny, Spatial Distance, and Soil Type Influence Patterns of Relatedness in a Common Amazonian Tree. PLoS ONE, 2013, 8, e62639. | 1.1 | 4 |
| 62 | A comparison of two common flight interception traps to survey tropical arthropods. ZooKeys, 2012, 216, 43-55. | 0.5 | 41 |
| 63 | Microsatellite primers for an Amazonian lowland tropical tree, Protium subserratum (Burseraceae). American Journal of Botany, 2012, 99, e465-7. | 0.8 | 5 |
| 64 | Herbivory, growth rates, and habitat specialization in tropical tree lineages: implications for Amazonian betaâ€diversity. Ecology, 2012, 93, S195. | 1.5 | 51 |
| 65 | An Oxidized Squalene Derivative from Protium subserratum Engl. (Engl.) Growing in Peru. Molecules, 2012, 17, 7451-7457. | 1.7 | 7 |
| 66 | Burseraceae: a model for studying the Amazon flora. Rodriguesia, 2012, 63, 021-030. | 0.9 | 20 |
| 67 | Leaf, stem and root tissue strategies across 758 <scp>N</scp>eotropical tree species. Functional Ecology, 2012, 26, 1153-1161. | 1.7 | 172 |
| 68 | Global Gradients in Vertebrate Diversity Predicted by Historical Area-Productivity Dynamics and Contemporary Environment. PLoS Biology, 2012, 10, e1001292. | 2.6 | 233 |
| 69 | A New Amazonian Section of Protium (Burseraceae) including both Edaphic Specialist and Generalist Taxa. Studies in Neotropical Burseraceae XVI.. Systematic Botany, 2011, 36, 939-949. | 0.2 | 27 |
| 70 | Global patterns of leaf mechanical properties. Ecology Letters, 2011, 14, 301-312. | 3.0 | 418 |
| 71 | Disentangling stand and environmental correlates of aboveground biomass in Amazonian forests. Global Change Biology, 2011, 17, 2677-2688. | 4.2 | 160 |
| 72 | The Role of Natural Enemies in the Germination and Establishment of Pachira (Malvaceae) Trees in the Peruvian Amazon. Biotropica, 2011, 43, 265-269. | 0.8 | 11 |

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|---|---|---|---|
| 73 | Phylogenetic community structure and phylogenetic turnover across space and edaphic gradients in western Amazonian tree communities. Ecography, 2011, 34, 552-565. | 2.1 | 265 |
| 74 | Does nitrogen availability have greater control over the formation of tropical heath forests than water stress?A hypothesis based on nitrogen isotope ratios. Acta Amazonica, 2011, 41, 589-592. | 0.3 | 7 |
| 75 | A Floristic Study of the White-Sand Forests of Peru<sup>1</sup>. Annals of the Missouri Botanical Garden, 2010, 97, 283-305. | 1.3 | 110 |
| 76 | The merging of community ecology and phylogenetic biology. Ecology Letters, 2009, 12, 693-715. | 3.0 | 1,795 |
| 77 | Phylogenetic beta diversity: linking ecological and evolutionary processes across space in time. Ecology Letters, 2008, 11, 1265-1277. | 3.0 | 527 |
| 78 | Evidence for a Timeâ€Integrated Speciesâ€Area Effect on the Latitudinal Gradient in Tree Diversity. American Naturalist, 2006, 168, 796-804. | 1.0 | 235 |
| 79 | THE GROWTHâ€“DEFENSE TRADE-OFF AND HABITAT SPECIALIZATION BY PLANTS IN AMAZONIAN FORESTS. Ecology, 2006, 87, S150-S162. | 1.5 | 404 |
| 80 | Comparing composition and diversity of parasitoid wasps and plants in an Amazonian rain-forest mosaic. Journal of Tropical Ecology, 2006, 22, 167-176. | 0.5 | 47 |
| 81 | THE GROWTHâ€“DEFENSE TRADE-OFF AND HABITAT SPECIALIZATION BY PLANTS IN AMAZONIAN FORESTS. , 2006, 87, S150. | | 2 |
| 82 | THE CONTRIBUTION OF EDAPHIC HETEROGENEITY TO THE EVOLUTION AND DIVERSITY OF BURSERACEAE TREES IN THE WESTERN AMAZON. Evolution; International Journal of Organic Evolution, 2005, 59, 1464. | 1.1 | 24 |
| 83 | The contribution of edaphic heterogeneity to the evolution and diversity of Burseraceae trees in the western Amazon. Evolution; International Journal of Organic Evolution, 2005, 59, 1464-78. | 1.1 | 122 |
| 84 | Herbivores Promote Habitat Specialization by Trees in Amazonian Forests. Science, 2004, 305, 663-665. | 6.0 | 503 |
| 85 | Relationships of phytogeography and diversity of tropical tree species with limestone topography in southern Belize. Journal of Biogeography, 2003, 30, 1669-1688. | 1.4 | 30 |
| 86 | The invasibility of tropical forests by exotic plants. Journal of Tropical Ecology, 2002, 18, 687-705. | 0.5 | 212 |