

Salvatore J Agosta

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,512
citations

394421

19
h-index

345221

36
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37
all docs

37
docs citations

37
times ranked

1961
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Ecological fitting by phenotypically flexible genotypes: implications for species associations, community assembly and evolution. <i>Ecology Letters</i> , 2008, 11, 1123-1134. | 6.4 | 264 |
| 2 | How specialists can be generalists: resolving the "parasite paradox" and implications for emerging infectious disease. <i>Zoologia</i> , 2010, 27, 151-162. | 0.5 | 216 |
| 3 | Understanding Host-Switching by Ecological Fitting. <i>PLoS ONE</i> , 2015, 10, e0139225. | 2.5 | 172 |
| 4 | Mammalian Metabolic Allometry: Do Intraspecific Variation, Phylogeny, and Regression Models Matter?. <i>American Naturalist</i> , 2009, 174, 720-733. | 2.1 | 101 |
| 5 | Embracing Colonizations: A New Paradigm for Species Association Dynamics. <i>Trends in Ecology and Evolution</i> , 2018, 33, 4-14. | 8.7 | 94 |
| 6 | Do scatter hoarders trade off increased predation risks for lower rates of cache pilferage?. <i>Behavioral Ecology</i> , 2014, 25, 206-215. | 2.2 | 86 |
| 7 | Variation in growth and developmental responses to supraoptimal temperatures near latitudinal range limits of gypsy moth <i>Lymantria dispar</i> (L.), an expanding invasive species. <i>Physiological Entomology</i> , 2017, 42, 181-190. | 1.5 | 42 |
| 8 | Phoresy in animals: review and synthesis of a common but understudied mode of dispersal. <i>Biological Reviews</i> , 2021, 96, 223-246. | 10.4 | 36 |
| 9 | An integrated parasitology: revealing the elephant through tradition and invention. <i>Trends in Parasitology</i> , 2015, 31, 128-133. | 3.3 | 34 |
| 10 | Phylogeny, Regression, and the Allometry of Physiological Traits. <i>American Naturalist</i> , 2007, 170, 431-442. | 2.1 | 30 |
| 11 | Alternative strategies of seed predator escape by early-germinating oaks in Asia and North America. <i>Ecology and Evolution</i> , 2012, 2, 487-492. | 1.9 | 30 |
| 12 | Ability of chestnut oak to tolerate acorn pruning by rodents. <i>Die Naturwissenschaften</i> , 2013, 100, 81-90. | 1.6 | 28 |
| 13 | Fitness consequences of host use in the field: temporal variation in performance and a life history tradeoff in the moth <i>Rothschildia lebeau</i> (Saturniidae). <i>Oecologia</i> , 2008, 157, 69-82. | 2.0 | 27 |
| 14 | Acorn size and tolerance to seed predators: the multiple roles of acorns as food for seed predators, fruit for dispersal and fuel for growth. <i>Integrative Zoology</i> , 2018, 13, 251-266. | 2.6 | 26 |
| 15 | Upper thermal limits differ among and within component species in a tritrophic host-parasitoid-hyperparasitoid system. <i>PLoS ONE</i> , 2018, 13, e0198803. | 2.5 | 26 |
| 16 | New macroecological insights into functional constraints on mammalian geographical range size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130140. | 2.6 | 25 |
| 17 | Multi level ecological fitting: indirect life cycles are not a barrier to host switching and invasion. <i>Global Change Biology</i> , 2015, 21, 3210-3218. | 9.5 | 25 |
| 18 | Responses of seedling growth and survival to post-germination cotyledon removal: An investigation among seven oak species. <i>Journal of Ecology</i> , 2019, 107, 1817-1827. | 4.0 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Determinants of clinal variation in life history of dusky salamanders (<i>Desmognathus ocoee</i>): prey abundance and ecological limits on foraging time restrict opportunities for larval growth. <i>Journal of Zoology</i> , 2003, 259, 411-421. | 1.7 | 24 |
| 20 | NIGHTLY, SEASONAL, AND YEARLY PATTERNS OF BAT ACTIVITY AT NIGHT ROOSTS IN THE CENTRAL APPALACHIANS. <i>Journal of Mammalogy</i> , 2005, 86, 1210-1219. | 1.3 | 21 |
| 21 | Host use dynamics in a heterogeneous fitness landscape generates oscillations in host range and diversification. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1773-1783. | 2.3 | 21 |
| 22 | A Macrophysiological Analysis of Energetic Constraints on Geographic Range Size in Mammals. <i>PLoS ONE</i> , 2013, 8, e72731. | 2.5 | 21 |
| 23 | Performance of Wild and Laboratory-Reared Gypsy Moth (<i>Lepidoptera: Erebidæ</i>): A Comparison between Foliage and Artificial Diet. <i>Environmental Entomology</i> , 2015, 44, 864-873. | 1.4 | 17 |
| 24 | Organismal responses to habitat change: herbivore performance, climate and leaf traits in regenerating tropical dry forests. <i>Journal of Animal Ecology</i> , 2017, 86, 590-604. | 2.8 | 16 |
| 25 | Reduced Mitochondrial Efficiency Explains Mismatched Growth and Metabolic Rate at Supraoptimal Temperatures. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 294-298. | 1.5 | 14 |
| 26 | Male Body Size and Mating Success and Their Relation to Larval Host Plant History in the Moth <i>Rothschildia lebeau</i> in Costa Rican Dry Forest. <i>Biotropica</i> , 2010, 42, 201-207. | 1.6 | 13 |
| 27 | Climate-related geographical variation in performance traits across the invasion front of a widespread non-native insect. <i>Journal of Biogeography</i> , 2021, 48, 405-414. | 3.0 | 12 |
| 28 | Children of time: the extended synthesis and major metaphors of evolution. <i>Zoologia</i> , 2012, 29, 497-514. | 0.5 | 11 |
| 29 | Geographic Variation in Larval Metabolic Rate Between Northern and Southern Populations of the Invasive Gypsy Moth. <i>Journal of Insect Science</i> , 2018, 18, . | 1.5 | 10 |
| 30 | Thermal Sensitivity of Gypsy Moth (<i>Lepidoptera: Erebidæ</i>) During Larval and Pupal Development. <i>Environmental Entomology</i> , 2018, 47, 1623-1631. | 1.4 | 9 |
| 31 | Comment on "How the Horned Lizard Got Its Horns". <i>Science</i> , 2004, 306, 230a-230a. | 12.6 | 7 |
| 32 | Selection on offspring size varies within and among families in relation to host nutritional quality. <i>Evolutionary Ecology</i> , 2008, 22, 71-83. | 1.2 | 7 |
| 33 | The food web of a severely contaminated site following reclamation with warm season grasses. <i>Restoration Ecology</i> , 2015, 23, 421-429. | 2.9 | 7 |
| 34 | Clay Caterpillar Whodunit: A Customizable Method for Studying Predator-Prey Interactions in the Field. <i>American Biology Teacher</i> , 2013, 75, 47-51. | 0.2 | 5 |
| 35 | Budget-limited thermal biology: Design, construction and performance of a large, walk-in style temperature-controlled chamber. <i>Journal of Thermal Biology</i> , 2016, 58, 29-34. | 2.5 | 5 |
| 36 | Growth and development of an invasive forest insect under current and future projected temperature regimes. <i>Ecology and Evolution</i> , 2022, 12, . | 1.9 | 5 |