Salvatore J Agosta

List of Publications by Year
in descending order

36	1,512	394421 19	345221 36
papers	citations	h-index	g-index

37	37	37	1961
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Growth and development of an invasive forest insect under current and future projected temperature regimes. Ecology and Evolution, 2022, 12, .	1.9	5
2	Climateâ€related geographical variation in performance traits across the invasion front of a widespread nonâ€native insect. Journal of Biogeography, 2021, 48, 405-414.	3.0	12
3	Phoresy in animals: review and synthesis of a common but understudied mode of dispersal. Biological Reviews, 2021, 96, 223-246.	10.4	36
4	Responses of seedling growth and survival to postâ€germination cotyledon removal: An investigation among seven oak species. Journal of Ecology, 2019, 107, 1817-1827.	4.0	25
5	Acorn size and tolerance to seed predators: the multiple roles of acorns as food for seed predators, fruit for dispersal and fuel for growth. Integrative Zoology, 2018, 13, 251-266.	2.6	26
6	Embracing Colonizations: A New Paradigm for Species Association Dynamics. Trends in Ecology and Evolution, 2018, 33, 4-14.	8.7	94
7	Thermal Sensitivity of Gypsy Moth (Lepidoptera: Erebidae) During Larval and Pupal Development. Environmental Entomology, 2018, 47, 1623-1631.	1.4	9
8	Upper thermal limits differ among and within component species in a tritrophic host-parasitoid-hyperparasitoid system. PLoS ONE, 2018, 13, e0198803.	2.5	26
9	Host use dynamics in a heterogeneous fitness landscape generates oscillations in host range and diversification. Evolution; International Journal of Organic Evolution, 2018, 72, 1773-1783.	2.3	21
10	Geographic Variation in Larval Metabolic Rate Between Northern and Southern Populations of the Invasive Gypsy Moth. Journal of Insect Science, 2018, 18, .	1.5	10
11	Organismal responses to habitat change: herbivore performance, climate and leaf traits in regenerating tropical dry forests. Journal of Animal Ecology, 2017, 86, 590-604.	2.8	16
12	Variation in growth and developmental responses to supraoptimal temperatures near latitudinal range limits of gypsy moth Lymantria dispar (L.), an expanding invasive species. Physiological Entomology, 2017, 42, 181-190.	1.5	42
13	Reduced Mitochondrial Efficiency Explains Mismatched Growth and Metabolic Rate at Supraoptimal Temperatures. Physiological and Biochemical Zoology, 2017, 90, 294-298.	1.5	14
14	Budget-limited thermal biology: Design, construction and performance of a large, walk-in style temperature-controlled chamber. Journal of Thermal Biology, 2016, 58, 29-34.	2.5	5
15	The food web of a severely contaminated site following reclamation with warm season grasses. Restoration Ecology, 2015, 23, 421-429.	2.9	7
16	Performance of Wild and Laboratory-Reared Gypsy Moth (Lepidoptera: Erebidae): A Comparison between Foliage and Artificial Diet. Environmental Entomology, 2015, 44, 864-873.	1.4	17
17	Multi level ecological fitting: indirect life cycles are not a barrier to host switching and invasion. Global Change Biology, 2015, 21, 3210-3218.	9.5	25
18	An integrated parasitology: revealing the elephant through tradition and invention. Trends in Parasitology, 2015, 31, 128-133.	3.3	34

#	Article	IF	Citations
19	Understanding Host-Switching by Ecological Fitting. PLoS ONE, 2015, 10, e0139225.	2.5	172
20	Do scatter hoarders trade off increased predation risks for lower rates of cache pilferage?. Behavioral Ecology, 2014, 25, 206-215.	2.2	86
21	Ability of chestnut oak to tolerate acorn pruning by rodents. Die Naturwissenschaften, 2013, 100, 81-90.	1.6	28
22	Clay Caterpillar Whodunit: A Customizable Method for Studying Predatorâ€“Prey Interactions in the Field. American Biology Teacher, 2013, 75, 47-51.	0.2	5
23	New macroecological insights into functional constraints on mammalian geographical range size. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130140.	2.6	25
24	A Macrophysiological Analysis of Energetic Constraints on Geographic Range Size in Mammals. PLoS ONE, 2013, 8, e72731.	2.5	21
25	Alternative strategies of seed predator escape by earlyâ€germinating oaks in Asia and North America. Ecology and Evolution, 2012, 2, 487-492.	1.9	30
26	Children of time: the extended synthesis and major metaphors of evolution. Zoologia, 2012, 29, 497-514.	0.5	11
27	How specialists can be generalists: resolving the "parasite paradox" and implications for emerging infectious disease. Zoologia, 2010, 27, 151-162.	0.5	216
28	Male Body Size and Mating Success and Their Relation to Larval Host Plant History in the Moth Rothschildia lebeau in Costa Rican Dry Forest. Biotropica, 2010, 42, 201-207.	1.6	13
29	Mammalian Metabolic Allometry: Do Intraspecific Variation, Phylogeny, and Regression Models Matter?. American Naturalist, 2009, 174, 720-733.	2.1	101
30	Selection on offspring size varies within and among families in relation to host nutritional quality. Evolutionary Ecology, 2008, 22, 71-83.	1.2	7
31	Fitness consequences of host use in the field: temporal variation in performance and a life history tradeoff in the moth Rothschildia lebeau (Saturniidae). Oecologia, 2008, 157, 69-82.	2.0	27
32	Ecological fitting by phenotypically flexible genotypes: implications for species associations, community assembly and evolution. Ecology Letters, 2008, 11, 1123-1134.	6.4	264
33	Phylogeny, Regression, and the Allometry of Physiological Traits. American Naturalist, 2007, 170, 431-442.	2.1	30
34	NIGHTLY, SEASONAL, AND YEARLY PATTERNS OF BAT ACTIVITY AT NIGHT ROOSTS IN THE CENTRAL APPALACHIANS. Journal of Mammalogy, 2005, 86, 1210-1219.	1.3	21
35	Comment on "How the Horned Lizard Got Its Horns". Science, 2004, 306, 230a-230a.	12.6	7
36	Determinants of clinal variation in life history of dusky salamanders (Desmognathus ocoee): prey abundance and ecological limits on foraging time restrict opportunities for larval growth. Journal of Zoology, 2003, 259, 411-421.	1.7	24