

# Edison Ryoiti Sujii

## List of Publications by Year in descending order

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76  
papers

1,516  
citations

279798

23  
h-index

377865

34  
g-index

76  
all docs

76  
docs citations

76  
times ranked

1432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Induced volatiles in soybean and pigeon pea plants artificially infested with the neotropical brown stink bug, <i>Euschistus heros</i> , and their effect on the egg parasitoid, <i>Telenomus podisi</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2005, 115, 227-237.	1.4	91
2	Field responses of stink bugs to the natural and synthetic pheromone of the Neotropical brown stink bug, <i>Euschistus heros</i> (Heteroptera: Pentatomidae). <i>Physiological Entomology</i> , 1998, 23, 202-207.	1.5	69
3	Odour masking of tomato volatiles by coriander volatiles in host plant selection of <i>Bemisia tabaci</i> biotype B. <i>Entomologia Experimentalis Et Applicata</i> , 2010, 136, 164-173.	1.4	60
4	Semiochemical and physical stimuli involved in host recognition by <i>Telenomus podisi</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 24, 227-233.	1.5	59
5	Detection and decay rates of prey and prey symbionts in the gut of a predator through metagenomics. <i>Molecular Ecology Resources</i> , 2015, 15, 880-892.	4.8	59
6	Uncovering Trophic Interactions in Arthropod Predators through DNA Shotgun-Sequencing of Gut Contents. <i>PLoS ONE</i> , 2016, 11, e0161841.	2.5	56
7	Monitoring the Neotropical brown stink bug <i>Euschistus heros</i> (F.) (Hemiptera: Pentatomidae) with pheromone-baited traps in soybean fields. <i>Journal of Applied Entomology</i> , 2011, 135, 68-80.	1.8	54
8	Semiochemicals from Herbivory Induced Cotton Plants Enhance the Foraging Behavior of the Cotton Boll Weevil, <i>Anthonomus grandis</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 1528-1538.	1.8	50
9	Dry-Season Embryonic Dormancy in <i>Deois flavopicta</i> (Homoptera: Cercopidae): Roles of Temperature and Moisture in Nature. <i>Environmental Entomology</i> , 2000, 29, 714-720.	1.4	44
10	Megadiverse developing countries face huge risks from invasives. <i>Trends in Ecology and Evolution</i> , 2012, 27, 2-3.	8.7	44
11	Behavioural evidence of methyl 2,6,10-trimethyltridecanoate as a sex pheromone of <i>Euschistus heros</i> (Het., Pentatomidae). <i>Journal of Applied Entomology</i> , 1998, 122, 335-338.	1.8	43
12	Inter and intra-guild interactions in egg parasitoid species of the soybean stink bug complex. <i>Pesquisa Agropecuaria Brasileira</i> , 2002, 37, 1541-1549.	0.9	43
13	Gradient Analysis Using Plant Modular Structure: Pattern in Plant Architecture and Insect Herbivore Utilization. <i>Environmental Entomology</i> , 1995, 24, 497-505.	1.4	36
14	Sex Attractant Pheromone from the Neotropical Red-Shouldered Stink Bug, <i>Thyanta perditor</i> (F.). <i>Journal of Chemical Ecology</i> , 2005, 31, 1415-1427.	1.8	30
15	Alternative food sources and overwintering feeding behavior of the boll weevil, <i>Anthonomus grandis bohemian</i> (coleoptera: curculionidae) under the tropical conditions of central Brazil. <i>Neotropical Entomology</i> , 2010, 39, 28-34.	1.2	29
16	cis-Jasmone indirect action on egg parasitoids (Hymenoptera: Scelionidae) and its application in biological control of soybean stink bugs (Hemiptera: Pentatomidae). <i>Biological Control</i> , 2013, 64, 75-82.	3.0	28
17	Mechanisms underlying the innate attraction of an aphidophagous coccinellid to coriander plants: Implications for conservation biological control. <i>Biological Control</i> , 2016, 92, 77-84.	3.0	28
18	Effect of plant diversification on abundance of South American tomato pinworm and predators in two cropping systems. <i>Horticultura Brasileira</i> , 2009, 27, 300-306.	0.5	27

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19	The role of integrating agroforestry and vegetable planting in structuring communities of herbivorous insects and their natural enemies in the Neotropical region. <i>Agroforestry Systems</i> , 2014, 88, 205-219.	2.0	27
20	The Environmental Effects of Genetically Modified Crops Resistant to Insects. <i>Neotropical Entomology</i> , 2002, 31, 497-513.	1.2	26
21	Climate change threatens pollination services in tomato crops in Brazil. <i>Agriculture, Ecosystems and Environment</i> , 2017, 239, 257-264.	5.3	26
22	Host Plant Specialization and Species Turnover of Caterpillars Among Hosts in the Brazilian Cerrado. <i>Biotropica</i> , 2011, 43, 467-472.	1.6	25
23	Uptake and Transfer of a Bt Toxin by a Lepidoptera to Its Eggs and Effects on Its Offspring. <i>PLoS ONE</i> , 2014, 9, e95422.	2.5	25
24	Mixed Risk-Spreading Strategies and the Population Dynamics of a Brazilian Pasture Pest, <i>Deois flavopicta</i> (Homoptera: Cercopidae). <i>Journal of Economic Entomology</i> , 1995, 88, 1256-1262.	1.8	24
25	Brazilian Legislation Leaning Towards Fast Registration of Biological Control Agents to Benefit Organic Agriculture. <i>Neotropical Entomology</i> , 2019, 48, 175-185.	1.2	24
26	Biodiversity provides whitefly biological control based on farm management. <i>Journal of Pest Science</i> , 2019, 92, 393-403.	3.7	22
27	The cotton agricultural context in Brazil.. , 2006, , 21-66.		22
28	Reproductive Dormancy in Boll-Weevil From Populations of the Midwest of Brazil. <i>Journal of Economic Entomology</i> , 2013, 106, 86-96.	1.8	21
29	Non-crop plant communities conserve spider populations in chili pepper agroecosystems. <i>Biological Control</i> , 2016, 103, 69-77.	3.0	21
30	Influence of landscape context on the abundance of native bee pollinators in tomato crops in Central Brazil. <i>Journal of Insect Conservation</i> , 2017, 21, 715-726.	1.4	21
31	Identification of plant families associated with the predators <i>Chrysoperla externa</i> (Hagen) (Neuroptera: Chrysopidae) and <i>Hippodamia convergens</i> Guérin-Ménil (Coleoptera: Coccinellidae) using pollen grain as a natural marker. <i>Brazilian Journal of Biology</i> , 2010, 70, 293-300.	0.9	19
32	Dinâmica populacional de <i>Bemisia tabaci</i> biótipo B em tomate monocultivo e consorciado com coentro sob cultivo orgânico e convencional. <i>Horticultura Brasileira</i> , 2009, 27, 183-188.	0.5	18
33	Field evaluation of (E)-2-hexenal efficacy for behavioral manipulation of egg parasitoids in soybean. <i>BioControl</i> , 2014, 59, 525-537.	2.0	17
34	Fatores de mortalidade na fase de ovo de <i>Tuta absoluta</i> em sistemas de produção orgânica e convencional de tomate. <i>Bragantia</i> , 2011, 70, 72-80.	1.3	16
35	Dynamics of predatory and herbivorous insects at the farm scale: the role of cropped and noncropped habitats. <i>Agricultural and Forest Entomology</i> , 2019, 21, 351-362.	1.3	16
36	Field Evaluation of Bt Cotton Crop Impact on Nontarget Pests: Cotton Aphid and Boll Weevil. <i>Neotropical Entomology</i> , 2013, 42, 102-111.	1.2	15

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37	Simulação do impacto do fungo <i>Nomuraea rileyi</i> em populações da lagarta da soja, <i>Anticarsia gemmatalis</i> . Pesquisa Agropecuaria Brasileira, 2002, 37, 1551-1558.	0.9	14
38	Survival and preference of cotton boll weevil adults for alternative food sources. Brazilian Journal of Biology, 2016, 76, 387-395.	0.9	13
39	Heterogeneity in Intention to Adopt Organic Strawberry Production Practices Among Producers in the Federal District, Brazil. Ecological Economics, 2017, 140, 177-189.	5.7	13
40	Does Cry1Ac Bt-toxin impair development of worker larvae of Africanized honey bee?. Journal of Applied Entomology, 2011, 135, 415-422.	1.8	12
41	Padrão de oviposição e tabela de vida da traça-do-tomateiro <i>Tuta absoluta</i> (Meyrick) (Lepidoptera, Tj ETQq1 1 0.784314 rgBT /Ov	0.4	11
42	Survival pattern of the boll weevil during cotton fallow in Midwestern Brazil. Pesquisa Agropecuaria Brasileira, 2017, 52, 149-160.	0.9	11
43	Integrated cultural practices for whitefly management in organic tomato. Journal of Applied Entomology, 2018, 142, 998-1007.	1.8	11
44	Ants provide biological control on tropical organic farms influenced by local and landscape factors. Biological Control, 2020, 151, 104378.	3.0	11
45	Companion and Smart Plants: Scientific Background to Promote Conservation Biological Control. Neotropical Entomology, 2022, 51, 171-187.	1.2	11
46	Movimentos de migração e dispersão de adultos da cigarrinha-das-pastagens. Pesquisa Agropecuaria Brasileira, 2000, 35, 471-480.	0.9	10
47	Feeding Behavior of the Spittlebug <i>Deois flavopicta</i> (Homoptera: Cercopidae) on Wild and Cultivated Host Plants. Environmental Entomology, 2000, 29, 750-757.	1.4	9
48	Chemically based interactions and nutritional ecology of <i>Labidus praedator</i> (Formicidae: Ecitoninae) in an agroecosystem adjacent to a gallery forest. Revista Brasileira De Zoologia, 2008, 25, 674-681.	0.5	9
49	Oviposition Site Selection Structures Niche Partitioning Among Coccinellid Species in a Tropical Ecosystem. Neotropical Entomology, 2015, 44, 430-438.	1.2	9
50	Seasonal fluctuation in the population of <i>Harmonia axyridis</i> (Pallas, 1773) (Coleoptera: Coccinellidae) and co-occurrence with other Coccinellids in the Federal District of Brazil. Papeis Avulsos De Zoologia, 2012, 52, 134-140.	0.4	9
51	Impacto do algodoeiro Bt na dinâmica populacional do pulgão-do-algodoeiro em casa de vegetação. Pesquisa Agropecuaria Brasileira, 2008, 43, 1251-1256.	0.9	9
52	Application of Multivariate Analysis for the Selection of Candidates for Biological Control Agents. Biological Control, 1996, 7, 288-292.	3.0	8
53	Non-target and biodiversity impacts on non-target herbivorous pests.. , 2006, , 133-154.		8
54	Soil temperature and diapause maintenance in eggs of the spittlebug, <i>Deois flavopicta</i> (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	7

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55	Bitrophic toxicity of Cry1Ac to <i>Cycloneda sanguinea</i> , a predator in Brazilian cotton. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 148, 105-115.	1.4	7
56	Selection of bee species for environmental risk assessment of GM cotton in the Brazilian Cerrado. <i>Pesquisa Agropecuaria Brasileira</i> , 2014, 49, 573-586.	0.9	7
57	Limitations in dose-response and surrogate species methodologies for risk assessment of Cry toxins on arthropod natural enemies. <i>Ecotoxicology</i> , 2016, 25, 601-607.	2.4	7
58	The effects of field-realistic doses of imidacloprid on <i>Melipona quadrifasciata</i> (Apidae: Meliponini) workers. <i>Environmental Science and Pollution Research</i> , 2020, 27, 38654-38661.	5.3	7
59	Spatiotemporal dynamics of active flying Diptera predators among different farmland habitats. <i>Agricultural and Forest Entomology</i> , 2021, 23, 334-341.	1.3	7
60	Methodology to support non-target and biodiversity risk assessment.. , 2006, , 108-132.		7
61	Efeito da temperatura e umidade sobre o término da diapausa de ovos e densidade populacional da cigarrinha-das-pastagens, <i>Deois flavopicta</i> (Stål) (Homoptera: Cercopidae). <i>Neotropical Entomology</i> , 1995, 24, 465-478.	0.2	7
62	Coccinellidae Parasitoids in Brazil: Neglected Species in a Mega-Diverse Country. <i>Neotropical Entomology</i> , 2015, 44, 528-532.	1.2	6
63	Spatial dynamic and spillover of the polyphagous pest <i>Bemisia tabaci</i> is influenced by differences in farmland habitats on tropical organic farms. <i>Agriculture, Ecosystems and Environment</i> , 2021, 320, 107610.	5.3	6
64	Potential effect of transgenic cotton on non-target herbivores in Vietnam.. , 2008, , 138-175.		5
65	Cinética da esporulação e viabilidade de conídios de <i>Nomuraea rileyi</i> (Farlow) samson sobre cadáveres da lagarta-da-soja, <i>Anticarsia gemmatilis</i> Hübner (Lepidoptera: Noctuidae), em condições de campo. <i>Neotropical Entomology</i> , 2002, 31, 85-90.	1.2	5
66	Effects of Meteorological Variation on Mortality in Populations of the Spittlebug <i>Deois flavopicta</i> (Homoptera: Cercopidae). <i>Environmental Entomology</i> , 2002, 31, 299-305.	1.4	4
67	Predation as a Mortality Factor in Populations of the Spittlebug, <i>Deois flavopicta</i> Stål (Homoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	4
68	<i>Pachycondyla obscuricornis</i> as natural enemy of the spittlebug <i>Deois flavopicta</i> . <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 607-609.	0.9	4
69	<strong>A new species of the genus <em>Micropeza </em>Meigen (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	3
70	Diversity and Spatial Distribution of Predacious Dolichopodidae (Insecta: Diptera) on Organic Vegetable Fields and Adjacent Habitats in Brazil. <i>Florida Entomologist</i> , 2020, 103, 197.	0.5	3
71	Ocorrência de <i>Anagrus</i> sp. (Hymenoptera: Mymaridae) parasitando ovos de <i>Deois flavopicta</i> (Stal) (Homoptera: Cercopidae) em pastagens do Brasil Central. <i>Neotropical Entomology</i> , 1993, 22, 411-413.	0.2	3
72	Parasitoids of Drosophilids in the Brazilian Savanna: Spatial-temporal Distribution and Host Associations with Native and Exotic Species. <i>Neotropical Entomology</i> , 0, , .	1.2	2

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73	Influence of Various Farmland Habitats on Abundance of <i>Taeniaptera</i> (Diptera: Micropezidae). Florida Entomologist, 2016, 99, 740-743.	0.5	1
74	Occurrence of the anamorphic stage of <i>Ophiocordyceps myrmicarum</i> on a non-Formicidae insect in integrated crop-livestock farming systems. Fungal Ecology, 2018, 34, 83-90.	1.6	1
75	Artificial tritrophic exposure system for environmental risk analysis on aphidophagous predators. Anais Da Academia Brasileira De Ciencias, 2016, 88, 1569-1575.	0.8	0
76	Challenges and opportunities with Bt cotton in Vietnam: synthesis and recommendations.. , 2008, , 330-344.		0