

Steven L Peck

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

929
citations

687363

13
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

982
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation as experiment: a philosophical reassessment for biological modeling. <i>Trends in Ecology and Evolution</i> , 2004, 19, 530-534.	8.7	223
2	Spread of Resistance in Spatially Extended Regions of Transgenic Cotton: Implications for Management of <i>Heliothis virescens</i> (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 1999, 92, 1-16.	1.8	174
3	Using species distribution models to optimize vector control in the framework of the tsetse eradication campaign in Senegal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10149-10154.	7.1	98
4	Spatial Processes in the Evolution of Resistance in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) to Bt Transgenic Corn and Cotton in a Mixed Agroecosystem: a Biology-rich Stochastic Simulation Model. <i>Journal of Economic Entomology</i> , 2003, 96, 156-172.	1.8	85
5	Spatial Processes in the Evolution of Resistance in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) to Bt Transgenic Corn and Cotton in a Mixed Agroecosystem: a Biology-rich Stochastic Simulation Model. <i>Journal of Economic Entomology</i> , 2003, 96, 156-172.	1.8	54
6	The Effect of Economic Thresholds and Life-History Parameters on the Evolution of Pesticide Resistance in a Regional Setting. <i>American Naturalist</i> , 1997, 149, 43-63.	2.1	41
7	Sensitivity Analysis of a Spatially-Explicit Stochastic Simulation Model of the Evolution of Resistance in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) to Bt Transgenic Corn and Cotton. <i>Journal of Economic Entomology</i> , 2003, 96, 173-187.	1.8	40
8	Sensitivity Analysis of a Spatially-Explicit Stochastic Simulation Model of the Evolution of Resistance in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) to Bt Transgenic Corn and Cotton. <i>Journal of Economic Entomology</i> , 2003, 96, 173-187.	1.8	30
9	Ecological Aspects of <i>Bactrocera latifrons</i> (Diptera: Tephritidae) on Maui, Hawaii: Movement and Host Preference. <i>Environmental Entomology</i> , 2004, 33, 1722-1731.	1.4	28
10	Antibiotic and insecticide resistance modeling "is it time to start talking?". <i>Trends in Microbiology</i> , 2001, 9, 286-292.	7.7	27
11	A Spatially Explicit Stochastic Model Demonstrates the Feasibility of Wright's Shifting Balance Theory. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1834.	2.3	20
12	VARYING MIGRATION AND DEME SIZE AND THE FEASIBILITY OF THE SHIFTING BALANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 324-327.	2.3	20
13	The hermeneutics of ecological simulation. <i>Biology and Philosophy</i> , 2008, 23, 383-402.	1.4	19
14	Mathematical Modeling, Spatial Complexity, and Critical Decisions in Tsetse Control. <i>Journal of Economic Entomology</i> , 2012, 105, 1477-1486.	1.8	15
15	Networks of habitat patches in tsetse fly control: Implications of metapopulation structure on assessing local extinction probabilities. <i>Ecological Modelling</i> , 2012, 246, 99-102.	2.5	12
16	Movement of Sterile Male <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae) in a Hawaiian Agroecosystem. <i>Journal of Economic Entomology</i> , 2005, 98, 1539-1550.	1.8	8
17	Whose Boundary? An Individual Species Perspectival Approach to Borders. <i>Biological Theory</i> , 2009, 4, 274-279.	1.5	7
18	Mars ain't the kind of place to raise your kid: ethical implications of pregnancy on missions to colonize other planets. <i>Life Sciences, Society and Policy</i> , 2016, 12, 10.	3.2	7

#	ARTICLE	IF	CITATIONS
19	Emerging Ethical Issues Related to the Use of Brain-Computer Interfaces for Patients with Total Locked-in Syndrome. <i>Neuroethics</i> , 2017, 10, 235-242.	2.8	7
20	A longitudinal study of attitudes toward evolution among undergraduates who are members of the Church of Jesus Christ of Latter-day Saints. <i>PLoS ONE</i> , 2018, 13, e0205798.	2.5	4
21	Randomness, Contingency, and Faith: Is there a Science of Subjectivity?. <i>Zygon</i> , 2003, 38, 5-23.	0.4	3
22	Death and the ecological crisis. <i>Agriculture and Human Values</i> , 2010, 27, 105-109.	3.0	2
23	Evaluation of Readmission Ink as a Marker for Dispersal Studies with the Oriental Fruit Fly, <i>Bactrocera dorsalis</i> . <i>Journal of Insect Science</i> , 2011, 11, 1-6.	1.5	2
24	Perspectives on why digital ecologies matter: Combining population genetics and ecologically informed agent-based models with GIS for managing dipteran livestock pests. <i>Acta Tropica</i> , 2014, 138, S22-S25.	2.0	2
25	Can constraint closure provide a generalized understanding of community dynamics in ecosystems?. <i>Oikos</i> , 2021, 130, 1425-1439.	2.7	1
26	The Rumors of Bergson's Demise May Have Been Exaggerated: Novelty, Complexity, and Emergence in Biological Evolution. <i>Foundations of Science</i> , 2019, 24, 541-557.	0.7	0