Steven L Peck

List of Publications by Year
in descending order

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	Can constraint closure provide a generalized understanding of community dynamics in ecosystems?. Oikos, 2021, 130, 1425-1439.	2.7	1
2	The Rumors of Bergsonâ€™s Demise May Have Been Exaggerated: Novelty, Complexity, and Emergence in Biological Evolution. Foundations of Science, 2019, 24, 541-557.	0.7	0
3	A longitudinal study of attitudes toward evolution among undergraduates who are members of the Church of Jesus Christ of Latter-day Saints. PLoS ONE, 2018, 13, e0205798.	2.5	4
4	Emerging Ethical Issues Related to the Use of Brain-Computer Interfaces for Patients with Total Locked-in Syndrome. Neuroethics, 2017, 10, 235-242.	2.8	7
5	Mars ainâ€™t the kind of place to raise your kid: ethical implications of pregnancy on missions to colonize other planets. Life Sciences, Society and Policy, 2016, 12, 10.	3.2	7
6	Using species distribution models to optimize vector control in the framework of the tsetse eradication campaign in Senegal. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10149-10154.	7.1	98
7	Perspectives on why digital ecologies matter: Combining population genetics and ecologically informed agent-based models with GIS for managing dipteran livestock pests. Acta Tropica, 2014, 138, S22-S25.	2.0	2
8	Mathematical Modeling, Spatial Complexity, and Critical Decisions in Tsetse Control. Journal of Economic Entomology, 2012, 105, 1477-1486.	1.8	15
9	Networks of habitat patches in tsetse fly control: Implications of metapopulation structure on assessing local extinction probabilities. Ecological Modelling, 2012, 246, 99-102.	2.5	12
10	Evaluation of Readmission Ink as a Marker for Dispersal Studies with the Oriental Fruit Fly,Bactrocera dorsalis. Journal of Insect Science, 2011, 11, 1-6.	1.5	2
11	Death and the ecological crisis. Agriculture and Human Values, 2010, 27, 105-109.	3.0	2
12	Whose Boundary? An Individual Species Perspectival Approach to Borders. Biological Theory, 2009, 4, 274-279.	1.5	7
13	The hermeneutics of ecological simulation. Biology and Philosophy, 2008, 23, 383-402.	1.4	19
14	Movement of Sterile Male <I>Bactrocera cucurbitae</I> (Diptera: Tephritidae) in a Hawaiian Agroecosystem. Journal of Economic Entomology, 2005, 98, 1539-1550.	1.8	8
15	Ecological Aspects of <I>Bactrocera latifrons</I> (Diptera: Tephritidae) on Maui, Hawaii: Movement and Host Preference. Environmental Entomology, 2004, 33, 1722-1731.	1.4	28
16	Simulation as experiment: a philosophical reassessment for biological modeling. Trends in Ecology and Evolution, 2004, 19, 530-534.	8.7	223
17	Spatial Processes in the Evolution of Resistance in <I>Helicoverpa zea</I> (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo Simulation Model. Journal of Economic Entomology, 2003, 96, 156-172.	1.8	54
18	Randomness, Contingency, and Faith: Is there a Science of Subjectivity?. Zygon, 2003, 38, 5-23.	0.4	3

#	Article	IF	Citations
19	Spatial Processes in the Evolution of Resistance in Helicoverpa zea (Lepidoptera: Noctuidae) to Bt Transgenic Corn and Cotton in a Mixed Agroecosystem: a Biology-rich Stochastic Simulation Model. Journal of Economic Entomology, 2003, 96, 156-172.	1.8	85
20	Sensitivity Analysis of a Spatially-Explicit Stochastic Simulation Model of the Evolution of Resistance in Helicoverpa zea (Lepidoptera: Noctuidae) to Bt Transgenic Corn and Cotton. Journal of Economic Entomology, 2003, 96, 173-187.	1.8	40
21	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. Journal of Economic Entomology, 2003, 96, 173-187.	1.8	30
22	Antibiotic and insecticide resistance modeling â€“ is it time to start talking?. Trends in Microbiology, 2001, 9, 286-292.	7.7	27
23	VARYING MIGRATION AND DEME SIZE AND THE FEASIBILITY OF THE SHIFTING BALANCE. Evolution; International Journal of Organic Evolution, 2000, 54, 324-327.	2.3	20
24	Spread of Resistance in Spatially Extended Regions of Transgenic Cotton: Implications for Management of Heliothis virescens (Lepidoptera: Noctuidae). Journal of Economic Entomology, 1999, 92, 1-16.	1.8	174
25	A Spatially Explicit Stochastic Model Demonstrates the Feasibility of Wright's Shifting Balance Theory. Evolution; International Journal of Organic Evolution, 1998, 52, 1834.	2.3	20
26	The Effect of Economic Thresholds and Life-History Parameters on the Evolution of Pesticide Resistance in a Regional Setting. American Naturalist, 1997, 149, 43-63.	2.1	41