Ray Huffaker

List of Publications by Year
in descending order

23 papers	377 citations	933410 10 h-index	794568 19 g-index
25 all docs	25 docs citations	25 times ranked	269 citing authors

#	Article	IF	Citations
1	A Theoretical Analysis of Economic Incentive Policies Encouraging Agricultural Water Conservation. International Journal of Water Resources Development, 2003, 19, 37-53.	2.0	95
2	The Role of Prior Appropriation in Allocating Water Resources into the 21st Century. International Journal of Water Resources Development, 2000, 16, 265-273.	2.0	49
3	Nitrogen-enriched discharges from a highly managed watershed intensify red tide (Karenia brevis) blooms in southwest Florida. Science of the Total Environment, 2022, 827, 154149.	8.0	33
4	Plant Succession as a Natural Range Restoration Factor in Private Livestock Enterprises. American Journal of Agricultural Economics, 1995, 77, 901-913.	4.3	30
5	Solving multidimensional bioeconomic problems with singular-perturbation reduction methods: Application to managing pest resistance to pesticidal crops. Journal of Environmental Economics and Management, 2006, 51, 336-353.	4.7	30
6	Seasonal dynamics of terrestrially sourced nitrogen influenced Karenia brevis blooms off Florida's southern Gulf Coast. Harmful Algae, 2020, 98, 101900.	4.8	24
7	Economic dynamics of reservoir sedimentation management: Optimal control with singularly perturbed equations of motion. Journal of Economic Dynamics and Control, 2006, 30, 2553-2575.	1.6	20
8	Protecting water resources in biofuels production. Water Policy, 2010, 12, 129-134.	1.5	13
9	Distinguishing between endogenous and exogenous price volatility in food security assessment: An empirical nonlinear dynamics approach. Agricultural Systems, 2018, 160, 98-109.	6.1	11
10	The long-term bioeconomic impacts of grazing on plant succession in a rangeland ecosystem. Ecological Modelling, 1997, 97, 59-73.	2.5	10
11	Demonstrating correspondence between decision-support models and dynamics of real-world environmental systems. Environmental Modelling and Software, 2016, 83, 74-87.	4.5	9
12	Nonlinear Dynamics in Treatment Wetlands: Identifying Systematic Drivers of Nonequilibrium Outlet Concentrations in Everglades STAs. Water Resources Research, 2019, 55, 11101-11120.	4.2	9
13	Digital Proxy of a Bio-Reactor (DIYBOT) combines sensor data and data analytics to improve greywater treatment and wastewater management systems. Scientific Reports, 2020, 10, 8015.	3.3	7
14	A Nonlinear Dynamics Approach for Incorporating Wind-Speed Patterns into Wind-Power Project Evaluation. PLoS ONE, 2015, 10, e0115123.	2.5	7
15	Reconstructing systematic persistent impacts of promotional marketing with empirical nonlinear dynamics. PLoS ONE, 2019, 14, e0221167.	2.5	6
16	Statistical and microbial analysis of bio-electrochemical sensors used for carbon monitoring at water resource recovery facilities. Environmental Science: Water Research and Technology, 2022, 8, 2052-2064.	2.4	6
17	Building Economic Models Corresponding to the Real World. Applied Economic Perspectives and Policy, 2015, 37, 537-552.	5.6	5
18	Empirical Detection and Quantification of Price Transmission in Endogenously Unstable Markets: The Case of the Global–Domestic Coffee Supply Chain in Papua New Guinea. Sustainability, 2021, 13, 9172.	3.2	4

#	ARTICLE	IF	CITATIONS
19	A LAW AND ECONOMICS APPROACH TO RESOLVING RESERVOIR SEDIMENT MANAGEMENT CONFLICTS. Journal of the American Water Resources Association, 2005, 41, 1449-1456.	2.4	3
20	Community dynamics in a university environment. Nonlinear Dynamics, Psychology, and Life Sciences, 2003, 7, 181-203.	0.2	2
21	Reconstructing dynamics of foodborne disease outbreaks in the US cattle market from monitoring data. PLoS ONE, 2021, 16, e0245867.	2.5	2
22	The â€˜Intrastate-Trade-Restrictionâ€™ Defence in Commerce-clause Challenges of State-imposed Restrictions on Water Exports to Neighbouring States. International Journal of Water Resources Development, 2000, 16, 275-279.	2.0	1
23	An empirical nonlinear dynamics approach to analyzing emergent behavior of agent-based models. AIP Advances, 2021, 11, .	1.3	1