

Igor Linkov

List of Publications by Year in descending order

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Version: 2024-02-01

356
papers

14,116
citations

23500

58
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all docs

369
docs citations

369
times ranked

12235
citing authors

#	ARTICLE	IF	CITATIONS
1	An Explainable Deep Learning Framework for Resilient Intrusion Detection in IoT-Enabled Transportation Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2023, 24, 1000-1014.	4.7	22
2	Prioritization of Resilience Initiatives for Climate-Related Disasters in the Metropolitan City of Venice. <i>Risk Analysis</i> , 2022, 42, 931-952.	1.5	8
3	The importance of compounding threats to hurricane evacuation modeling. <i>Npj Urban Sustainability</i> , 2022, 2, .	3.7	2
4	Assessment of the COVID-19 infection risk at a workplace through stochastic microexposure modeling. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 712-719.	1.8	5
5	Digital technologies can enhance climate resilience of critical infrastructure. <i>Climate Risk Management</i> , 2022, 35, 100387.	1.6	69
6	Resilience-by-Design and Resilience-by-Intervention in supply chains for remote and indigenous communities. <i>Nature Communications</i> , 2022, 13, 1124.	5.8	13
7	Vaccine supply chain: Resilience-by-design and resilience-by-intervention. <i>Vaccine</i> , 2022, 40, 1695-1698.	1.7	7
8	International airports as agents of resilience. <i>Journal of Contingencies and Crisis Management</i> , 2022, 30, 217-221.	1.6	2
9	Diversity and inclusiveness are necessary components of resilient international teams. <i>Humanities and Social Sciences Communications</i> , 2022, 9, .	1.3	4
10	Mainstreaming Resilience Analytics: 10 Years After Fukushima Disaster. <i>Integrated Environmental Assessment and Management</i> , 2022, , .	1.6	3
11	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113561119.	3.3	136
12	Systemic resilience in economics. <i>Nature Physics</i> , 2022, 18, 381-384.	6.5	25
13	A Unified Model of Resilience and Aging: Applications to COVID-19. <i>Frontiers in Public Health</i> , 2022, 10, .	1.3	6
14	Disjunctures of Practice and the Problems of Collapse. <i>Risk, Systems and Decisions</i> , 2022, , 75-108.	0.5	4
15	The Need to Reconcile Concepts that Characterize Systems Facing Threats. <i>Risk Analysis</i> , 2021, 41, 3-15.	1.5	48
16	Complexity, Interconnectedness and Resilience: Why a Paradigm Shift in Economics is Needed to Deal with Covid 19 and Future Shocks. <i>Risk, Systems and Decisions</i> , 2021, , 61-73.	0.5	4
17	Why Did Risk Communication Fail for the COVID-19 Pandemic, and How Can We Do Better?. <i>Risk, Systems and Decisions</i> , 2021, , 195-211.	0.5	0
18	Synthetic Biology Brings New Challenges to Managing Biosecurity and Biosafety. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2021, , 117-129.	0.1	0

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19	Value-Based Optimization of Healthcare Resource Allocation for COVID-19 Hot Spots. Risk, Systems and Decisions, 2021, , 103-114.	0.5	3
20	System models for resilience in gerontology: application to the COVID-19 pandemic. BMC Geriatrics, 2021, 21, 51.	1.1	20
21	The Vaccine Supply Chain: A Call for Resilience Analytics to Support COVID-19 Vaccine Production and Distribution. Risk, Systems and Decisions, 2021, , 389-437.	0.5	21
22	To Improve Cyber Resilience, Measure It. Computer, 2021, 54, 80-85.	1.2	25
23	Advanced analytics for environmental resilience and a sustainable future. Environment Systems and Decisions, 2021, 41, 1-2.	1.9	3
24	Enhancing Resilience in Post-COVID Societies: By Design or By Intervention?. Environmental Science & Technology, 2021, 55, 4202-4204.	4.6	20
25	Comparing the Emergence of Technical and Social Sciences Research in Artificial Intelligence. Frontiers in Computer Science, 2021, 3, .	1.7	6
26	A performance-based tabular approach for joint systematic improvement of risk control and resilience applied to telecommunication grid, gas network, and ultrasound localization system. Environment Systems and Decisions, 2021, 41, 286.	1.9	8
27	Algorithms and models for decision making in advanced technology systems. Environment Systems and Decisions, 2021, 41, 179-180.	1.9	0
28	Supply chain resilience for vaccines: review of modeling approaches in the context of the COVID-19 pandemic. Industrial Management and Data Systems, 2021, 121, 1723-1748.	2.2	38
29	Bridging international approaches on nanoEHS. Nature Nanotechnology, 2021, 16, 608-611.	15.6	6
30	How to Measure Cyber-Resilience of a System With Autonomous Agents: Approaches and Challenges. IEEE Engineering Management Review, 2021, 49, 89-97.	1.0	16
31	Resilience learning through self adaptation in digital twins of human-cyber-physical systems. , 2021, , .		7
32	Can Comorbidity Data Explain Cross-State and Cross-National Difference in COVID-19 Death Rates?. Risk Management and Healthcare Policy, 2021, Volume 14, 2877-2885.	1.2	5
33	Integrating data from physical and social science to address emerging societal challenges. Environment Systems and Decisions, 2021, 41, 331-333.	1.9	0
34	The challenges of data usage for the United Statesâ€™ COVID-19 response. International Journal of Information Management, 2021, 59, 102352.	10.5	27
35	Emergent technologies, divergent frames: differences in regulator vs. developer views on innovation. European Journal of Futures Research, 2021, 9, .	1.5	2
36	Cyber Resilience: by Design or by Intervention?. Computer, 2021, 54, 112-117.	1.2	11

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37	Autonomous Cyberdefense Introduces Risk: Can We Manage the Risk?. Computer, 2021, 54, 106-110.	1.2	8
38	Recovery-based design of buildings for seismic resilience. International Journal of Disaster Risk Reduction, 2021, 65, 102556.	1.8	5
39	Biosecurity for Synthetic Biology and Emerging Biotechnologies: Critical Challenges for Governance. NATO Science for Peace and Security Series C: Environmental Security, 2021, , 1-12.	0.1	1
40	Decision making to address complexity in systems and organizations. Environment Systems and Decisions, 2021, 41, 485-486.	1.9	0
41	Building resilience will require compromise on efficiency. Nature Energy, 2021, 6, 997-999.	19.8	19
42	Resilience and efficiency for the nanotechnology supply chains underpinning COVID-19 vaccine development. Current Opinion in Chemical Engineering, 2021, 34, 100759.	3.8	8
43	Relationship among state reopening policies, health outcomes and economic recovery through first wave of the COVID-19 pandemic in the U.S.. PLoS ONE, 2021, 16, e0260015.	1.1	6
44	Resilience: Directions for an Uncertain Future Following the COVID-19 Pandemic. GeoHealth, 2021, 5, e2021GH000447.	1.9	14
45	Exploring the Convergence of Resilience Processes and Sustainable Outcomes in Post-COVID, Post-Glasgow Economies. Sustainability, 2021, 13, 13415.	1.6	7
46	Multicriteria Decision Framework for Cybersecurity Risk Assessment and Management. Risk Analysis, 2020, 40, 183-199.	1.5	82
47	Advances on a Decision Analytic Approach to Exposure-Based Chemical Prioritization. Risk Analysis, 2020, 40, 83-96.	1.5	22
48	A resilience matrix approach for measuring and mitigating disaster-induced population displacement. International Journal of Disaster Risk Reduction, 2020, 42, 101310.	1.8	24
49	Resilience for Smart Water Systems. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	1.3	25
50	Cybertrust: From Explainable to Actionable and Interpretable Artificial Intelligence. Computer, 2020, 53, 91-96.	1.2	26
51	Safety-by-design as a governance problem. Nano Today, 2020, 35, 100989.	6.2	16
52	Analytics and decision-making to inform public policy in response to diverse threats. Environment Systems and Decisions, 2020, 40, 463-464.	1.9	0
53	Indicators and Metrics of Emerging Country-Level STEM Innovation. IEEE Engineering Management Review, 2020, 48, 47-53.	1.0	3
54	Risk Governance of Emerging Technologies Demonstrated in Terms of its Applicability to Nanomaterials. Small, 2020, 16, e2003303.	5.2	28

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55	Resilience and projects: An interdisciplinary crossroad. <i>Project Leadership and Society</i> , 2020, 1, 100001.	1.8	38
56	The case for value chain resilience. <i>Management Research Review</i> , 2020, 43, .	1.5	22
57	Resilient Financial Systems Can Soften the Next Global Financial Crisis. <i>Challenge</i> , 2020, 63, 311-318.	0.4	6
58	Concurrent threats and disasters: modeling and managing risk and resilience. <i>Environment Systems and Decisions</i> , 2020, 40, 299-300.	1.9	5
59	Use and Misuse of MCDA to Support Decision Making Informed by Risk. <i>Risk Analysis</i> , 2020, 41, 1513-1521.	1.5	4
60	Signals and Metrics Identifying Partnerships for Innovation. <i>IEEE Engineering Management Review</i> , 2020, 48, 39-46.	1.0	1
61	Trends and applications of resilience analytics in supply chain modeling: systematic literature review in the context of the COVID-19 pandemic. <i>Environment Systems and Decisions</i> , 2020, 40, 222-243.	1.9	292
62	Modeling and Analytics to Support Emerging International Innovation Partnerships. <i>IEEE Engineering Management Review</i> , 2020, 48, 54-64.	1.0	1
63	An Analytical Perspective on Pandemic Recovery. <i>Health Security</i> , 2020, 18, 250-256.	0.9	10
64	Evaluating Resilience Co-benefits of Engineering With Nature® Projects. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	6
65	Biosecurity Demands Resilience. <i>Environmental Science & Technology</i> , 2020, 54, 4706-4708.	4.6	10
66	Lack of resilience in transportation networks: Economic implications. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 86, 102419.	3.2	52
67	Risk and resilience in the time of the COVID-19 crisis. <i>Environment Systems and Decisions</i> , 2020, 40, 171-173.	1.9	45
68	Bouncing forward: a resilience approach to dealing with COVID-19 and future systemic shocks. <i>Environment Systems and Decisions</i> , 2020, 40, 174-184.	1.9	162
69	Workshop Report: Governance of Emerging Nanotechnology Risks in the Semiconductor Industry. <i>Frontiers in Public Health</i> , 2020, 8, 275.	1.3	2
70	Interdisciplinary mathematical methods for societal decision-making and resilience. <i>Environment Systems and Decisions</i> , 2020, 40, 1-2.	1.9	1
71	Identifying New Partnerships for Innovation: Governance and Policy Challenges. <i>IEEE Engineering Management Review</i> , 2020, 48, 26-38.	1.0	2
72	A Solution-Focused Comparative Risk Assessment of Conventional and Emerging Synthetic Biology Technologies for Fuel Ethanol. <i>Risk, Systems and Decisions</i> , 2020, , 223-255.	0.5	1

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73	Science and Practice of Resilience: Disaster Systems Applications to Aging Resilience. Risk, Systems and Decisions, 2020, , 53-80.	0.5	5
74	Combine resilience and efficiency in post-COVID societies. Nature, 2020, 588, 220-220.	13.7	15
75	Building biosecurity for synthetic biology. Molecular Systems Biology, 2020, 16, e9723.	3.2	25
76	Synthetic Biology: Research Needs for Assessing Environmental Impacts. Risk, Systems and Decisions, 2020, , 19-50.	0.5	1
77	Synthetic Biology: Perspectives on Risk Analysis, Governance, Communication, and ELSI. Risk, Systems and Decisions, 2020, , 1-18.	0.5	1
78	A systems approach for resources management during the COVID-19 pandemic: Multi-agency perspectives from New England. Journal of Emergency Management, 2020, 18, 209-223.	0.2	0
79	Fundamental Concepts of Cyber Resilience: Introduction and Overview. , 2019, , 1-25.		51
80	Rulemaking for Insider Threat Mitigation. , 2019, , 265-286.		8
81	Modeling and analytics to address national and global scale challenges. Environment Systems and Decisions, 2019, 39, 1-2.	1.9	1
82	Managing evidence in food safety and nutrition. EFSA Journal, 2019, 17, e170704.	0.9	7
83	Advances in machine learning and decision making. Environment Systems and Decisions, 2019, 39, 247-248.	1.9	0
84	A quantitative risk assessment method for synthetic biology products in the environment. Science of the Total Environment, 2019, 696, 133940.	3.9	9
85	Assessing the Sustainability of Advanced Materials Using Multicriteria Decision Analysis and the Triple Bottom Line. Integrated Environmental Assessment and Management, 2019, 15, 1021-1028.	1.6	3
86	Value of information analysis for assessing risks and benefits of nanotechnology innovation. Environmental Sciences Europe, 2019, 31, .	2.6	5
87	Cyber Resilience in IoT Network: Methodology and Example of Assessment through Epidemic Spreading Approach. , 2019, , .		6
88	Defining, measuring, and enhancing resilience for small groups. Safety Science, 2019, 120, 603-616.	2.6	31
89	Applying Resilience to Hybrid Threats. IEEE Security and Privacy, 2019, 17, 78-83.	1.5	7
90	A framework and pilot tool for the risk-based prioritization and grouping of nano-enabled consumer products. Environmental Science: Nano, 2019, 6, 356-365.	2.2	7

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91	Resilience Quantification and Assessment. Risk, Systems and Decisions, 2019, , 81-101.	0.5	2
92	Sustainable Environmental Remediation Using NZVI by Managing Benefit-Risk Trade-Offs. , 2019, , 511-562.		3
93	Risk Governance of Nanomaterials: Review of Criteria and Tools for Risk Communication, Evaluation, and Mitigation. Nanomaterials, 2019, 9, 696.	1.9	31
94	A Definition and Categorization System for Advanced Materials: The Foundation for Risk-Informed Environmental Health and Safety Testing. Risk Analysis, 2019, 39, 1783-1795.	1.5	28
95	Panarchy: Thinking in Systems and Networks. Risk, Systems and Decisions, 2019, , 35-44.	0.5	3
96	Resilience in Intelligent Transportation Systems (ITS). Transportation Research Part C: Emerging Technologies, 2019, 100, 318-329.	3.9	105
97	Co-evolution of physical and social sciences in synthetic biology. Critical Reviews in Biotechnology, 2019, 39, 351-365.	5.1	27
98	Resilience and Governance. Risk, Systems and Decisions, 2019, , 59-79.	0.5	3
99	Sex Robots—A Harbinger for Emerging AI Risk. Frontiers in Artificial Intelligence, 2019, 2, 27.	2.0	10
100	Innovation of risk analytics for technology and society. Environment Systems and Decisions, 2019, 39, 369-370.	1.9	0
101	Editorial featured papers on environmental decisions. EURO Journal on Decision Processes, 2019, 7, 151-157.	1.8	1
102	Quantifying and mapping resilience within large organizations. Omega, 2019, 87, 117-126.	3.6	44
103	The Science and Practice of Resilience. Risk, Systems and Decisions, 2019, , .	0.5	110
104	Defining resilience for the US building industry. Building Research and Information, 2019, 47, 480-492.	2.0	30
105	A modular approach for assembly of quantitative adverse outcome pathways. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 353-362.	0.9	16
106	Supply Chains. , 2019, , 447-462.		3
107	The State of Practice. Risk, Systems and Decisions, 2019, , 105-124.	0.5	0
108	Metrics-Based Approaches. Risk, Systems and Decisions, 2019, , 125-165.	0.5	0

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109	Lessons from History. Risk, Systems and Decisions, 2019, , 45-55.	0.5	0
110	Nanotoxicology and nanomedicine: making development decisions in an evolving governance environment. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	26
111	Resilience, sustainability, and complexity in social, environmental, and technical systems. Environment Systems and Decisions, 2018, 38, 1-2.	1.9	5
112	Resilience science, policy and investment for civil infrastructure. Reliability Engineering and System Safety, 2018, 175, 19-23.	5.1	60
113	Tiered Approach to Resilience Assessment. Risk Analysis, 2018, 38, 1772-1780.	1.5	105
114	Resilience management during large-scale epidemic outbreaks. Scientific Reports, 2018, 8, 1859.	1.6	67
115	Stability of a giant connected component in a complex network. Physical Review E, 2018, 97, 012309.	0.8	39
116	Multi-criteria decision analysis framework for sustainable manufacturing in automotive industry. Journal of Cleaner Production, 2018, 187, 257-272.	4.6	103
117	A decision analytic model to guide early-stage government regulatory action: Applications for synthetic biology. Regulation and Governance, 2018, 12, 88-100.	1.9	33
118	Resilience and sustainability: Similarities and differences in environmental management applications. Science of the Total Environment, 2018, 613-614, 1275-1283.	3.9	306
119	Decision making for independent municipal action. Integrated Environmental Assessment and Management, 2018, 14, 194-197.	1.6	1
120	The Essential Elements of a Risk Governance Framework for Current and Future Nanotechnologies. Risk Analysis, 2018, 38, 1321-1331.	1.5	27
121	Community-Driven Hypothesis Testing: A Solution for the Tragedy of the Anticommons. Risk Analysis, 2018, 38, 620-634.	1.5	34
122	Network Foundation for Command and Control (C2) Systems: Literature Review. IEEE Access, 2018, 6, 68782-68794.	2.6	14
123	Enhancing resilience within and between critical infrastructure systems. Environment Systems and Decisions, 2018, 38, 275-277.	1.9	9
124	Resilience at OECD: Current State and Future Directions. IEEE Engineering Management Review, 2018, 46, 128-135.	1.0	9
125	A sustainable Arctic: Making hard decisions. Arctic, Antarctic, and Alpine Research, 2018, 50, .	0.4	26
126	Development of community of practice to support quantitative risk assessment for synthetic biology products: contaminant bioremediation and invasive carp control as cases. Environment Systems and Decisions, 2018, 38, 517-527.	1.9	17

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127	Governing the Use of Blockchain and Distributed Ledger Technologies: Not One-Size-Fits-All. IEEE Engineering Management Review, 2018, 46, 56-62.	1.0	29
128	Systems modeling techniques for data analysis, decision making, and risk governance. Environment Systems and Decisions, 2018, 38, 431-432.	1.9	0
129	Engineering meets institutions: an interdisciplinary approach to the management of resilience. Environment Systems and Decisions, 2018, 38, 306-317.	1.9	35
130	Nanotechnology Risk Management. , 2018, , 195-224.		1
131	Cryptocurrency: governance for what was meant to be ungovernable. Environment Systems and Decisions, 2018, 38, 426-430.	1.9	18
132	An introduction to Environment Systems and Decisionsâ€™ Special Issue on Emerging Technologies. Environment Systems and Decisions, 2018, 38, 161-162.	1.9	1
133	Value of information analysis for life cycle assessment: Uncertain emissions in the green manufacturing of electronic tablets. Journal of Cleaner Production, 2018, 197, 1540-1545.	4.6	6
134	Governance Strategies for a Sustainable Digital World. Sustainability, 2018, 10, 440.	1.6	106
135	Comparative, collaborative, and integrative risk governance for emerging technologies. Environment Systems and Decisions, 2018, 38, 170-176.	1.9	81
136	Risk associated with engineered nanomaterials: Different tools for different ways to govern. Nano Today, 2018, 21, 9-13.	6.2	36
137	Selecting sustainable alternatives for cruise ships in Venice using multi-criteria decision analysis. Science of the Total Environment, 2018, 642, 668-678.	3.9	35
138	A critical juncture for synthetic biology. EMBO Reports, 2018, 19, .	2.0	25
139	Risk and resilience must be independently managed. Nature, 2018, 555, 30-30.	13.7	40
140	Features of resilience. Environment Systems and Decisions, 2017, 37, 46-50.	1.9	61
141	Quantitative weight of evidence to assess confidence in potential modes of action. Regulatory Toxicology and Pharmacology, 2017, 86, 205-220.	1.3	50
142	A portfolio decision analysis approach to support energy research and development resource allocation. Energy Policy, 2017, 105, 128-135.	4.2	11
143	Environmental policy recommendations for the new US President. Integrated Environmental Assessment and Management, 2017, 13, 7-7.	1.6	3
144	Trends and applications of multi-criteria decision analysis in environmental sciences: literature review. Environment Systems and Decisions, 2017, 37, 123-133.	1.9	128

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145	Can You Be Smart and Resilient at the Same Time?. Environmental Science & Technology, 2017, 51, 5867-5868.	4.6	10
146	Trends and applications of multi-criteria decision analysis: use in government agencies. Environment Systems and Decisions, 2017, 37, 134-143.	1.9	37
147	Why Life Cycle Assessment Does Not Work for Synthetic Biology. Environmental Science & Technology, 2017, 51, 5861-5862.	4.6	20
148	Inspiration to operation: Securing net benefits vs. zero outcome. Journal of Cleaner Production, 2017, 148, 422-426.	4.6	1
149	Multi-criteria decision analysis applied to harmful algal bloom management: A case study. Integrated Environmental Assessment and Management, 2017, 13, 631-639.	1.6	10
150	Mental Modeling Approach. , 2017, , .		7
151	Resilience of Cyber Systems with Over- and Underregulation. Risk Analysis, 2017, 37, 1644-1651.	1.5	45
152	Science of Mental Modeling. , 2017, , 31-40.		1
153	Risk Assessment and Decision Analysis Within Surgical Applications. , 2017, , 7-17.		1
154	Integrate life-cycle assessment and risk analysis results, not methods. Nature Nanotechnology, 2017, 12, 740-743.	15.6	66
155	An Introduction to Resilience for Critical Infrastructures. NATO Science for Peace and Security Series C: Environmental Security, 2017, , 3-17.	0.1	11
156	Towards a Generic Resilience Management, Quantification and Development Process: General Definitions, Requirements, Methods, Techniques and Measures, and Case Studies. NATO Science for Peace and Security Series C: Environmental Security, 2017, , 21-80.	0.1	32
157	Global perspectives and case studies of environmental management and policy. Environment Systems and Decisions, 2017, 37, 379.	1.9	1
158	Comparing mental models of prospective users of the sustainable nanotechnology decision support system. Environment Systems and Decisions, 2017, 37, 465.	1.9	10
159	Campaign to governance: science, engineering, and policy innovation for America's top infrastructure projects. Environment Systems and Decisions, 2017, 37, 42-45.	1.9	1
160	Preview of the June issue featuring literature reviews of MCDA and articles authored by students. Environment Systems and Decisions, 2017, 37, 121-122.	1.9	0
161	Decision support for selection of food waste technologies at military installations. Journal of Cleaner Production, 2017, 141, 267-277.	4.6	10
162	Validating Resilience and Vulnerability Indices in the Context of Natural Disasters. Risk Analysis, 2017, 37, 982-1004.	1.5	212

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163	Development of an evidence-based decision pathway for vestibular schwannoma treatment options. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2017, 38, 57-64.	0.6	10
164	Resilience Analytics with Application to Power Grid of a Developing Region. Risk Analysis, 2017, 37, 1268-1286.	1.5	46
165	Selection of invasive wild pig countermeasures using multicriteria decision analysis. Science of the Total Environment, 2017, 574, 1164-1173.	3.9	3
166	Undue concentration of research and education: multi-criteria decision approach to assess jurisdiction eligibility for NSF funding. Environment Systems and Decisions, 2017, 37, 367-378.	1.9	1
167	Resilience and efficiency in transportation networks. Science Advances, 2017, 3, e1701079.	4.7	241
168	Advances in life cycle analysis, econometrics, optimization, R&D policy, and health decision making. Environment Systems and Decisions, 2017, 37, 241-242.	1.9	1
169	Advancing Alternative Analysis: Integration of Decision Science. Environmental Health Perspectives, 2017, 125, 066001.	2.8	27
170	Resilience and Fault Tolerance in Electrical Engineering. NATO Science for Peace and Security Series C: Environmental Security, 2017, , 427-447.	0.1	4
171	Flood Risk Management. , 2017, , 43-56.		1
172	Relating Mandates in the United States for Managing the Ocean to Ecosystem Goods and Services Demonstrates Broad but Varied Coverage. Frontiers in Marine Science, 2016, 3, .	1.2	6
173	Avoiding Decline: Fostering Resilience and Sustainability in Midsize Cities. Sustainability, 2016, 8, 844.	1.6	16
174	Traceability and Risk Analysis Strategies for Addressing Counterfeit Electronics in Supply Chains for Complex Systems. Risk Analysis, 2016, 36, 1834-1843.	1.5	46
175	Impacts of rising air temperatures on electric transmission ampacity and peak electricity load in the United States. Environmental Research Letters, 2016, 11, 114008.	2.2	101
176	Operational resilience: concepts, design and analysis. Scientific Reports, 2016, 6, 19540.	1.6	183
177	Sustainable nanotechnology decision support system: bridging risk management, sustainable innovation and risk governance. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	50
178	Multi-criteria risk management with the use of DecernsMCDA: methods and case studies. Environment Systems and Decisions, 2016, 36, 266-276.	1.9	25
179	Preventing risk and promoting resilience in radiation health. Integrated Environmental Assessment and Management, 2016, 12, 677-679.	1.6	1
180	Panarchy use in environmental science for risk and resilience planning. Environment Systems and Decisions, 2016, 36, 225-228.	1.9	20

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181	Latest journal news and introduction to the September issue of environment systems and decisions. Environment Systems and Decisions, 2016, 36, 223-224.	1.9	0
182	Diplomacy for science: strategies to promote international collaboration. Environment Systems and Decisions, 2016, 36, 331-334.	1.9	9
183	Leveraging stakeholder knowledge in the innovation decision making process. International Journal of Business Continuity and Risk Management, 2016, 6, 163.	0.2	10
184	Data analysis and modeling to support policy decisions in environmental, transportation, and energy systems. Environment Systems and Decisions, 2016, 36, 329-330.	1.9	1
185	Risk-Based and Prevention-Based Governance for Emerging Materials. Environmental Science & Technology, 2016, 50, 6822-6824.	4.6	35
186	Can Carbon Nanomaterials Improve CZTS Photovoltaic Devices? Evaluation of Performance and Impacts Using Integrated Life Cycle Assessment and Decision Analysis. Risk Analysis, 2016, 36, 1916-1935.	1.5	15
187	A game theoretic model for resource allocation among countermeasures with multiple attributes. European Journal of Operational Research, 2016, 252, 610-622.	3.5	23
188	Introduction to the first general issue of 2016. Environment Systems and Decisions, 2016, 36, 1-2.	1.9	1
189	Balancing research and funding using value of information and portfolio tools for nanomaterial risk classification. Nature Nanotechnology, 2016, 11, 198-203.	15.6	20
190	LICARA nanoSCAN - A tool for the self-assessment of benefits and risks of nanoproducts. Environment International, 2016, 91, 150-160.	4.8	53
191	Emerging Technologies for Environmental Remediation: Integrating Data and Judgment. Environmental Science & Technology, 2016, 50, 349-358.	4.6	50
192	A weight of evidence assessment approach for adverse outcome pathways. Regulatory Toxicology and Pharmacology, 2016, 75, 46-57.	1.3	41
193	Decision Making in a Convergent Society. , 2016, , 113-124.		4
194	Security Metrics in Industrial Control Systems. Advances in Information Security, 2016, , 167-185.	0.9	14
195	Susceptibility assessment of urban tree species in Cambridge, MA, from future climatic extremes. Environment Systems and Decisions, 2015, 35, 389-400.	1.9	11
196	Assessing cumulative effects of multiple activities in New England watersheds. Environment Systems and Decisions, 2015, 35, 511-520.	1.9	3
197	Concepts and approaches to resilience in a variety of governance and regulatory domains. Environment Systems and Decisions, 2015, 35, 183-184.	1.9	11
198	Life cycle impacts of soybean and algae biodiesel: Case study of <sc>US</sc> marine vessels. Biofuels, Bioproducts and Biorefining, 2015, 9, 567-580.	1.9	9

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199	Decisions, Science, and Values: Crafting Regulatory Alternatives Analysis. <i>Risk Analysis</i> , 2015, 35, 2137-2151.	1.5	8
200	How decision analysis can further nanoinformatics. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1594-1600.	1.5	9
201	An Enhanced Adaptive Management Approach for Remediation of Legacy Mercury in the South River. <i>PLoS ONE</i> , 2015, 10, e0117140.	1.1	10
202	Increasing Scientific Confidence in Adverse Outcome Pathways: Application of Tailored Bradford-Hill Considerations for Evaluating Weight of Evidence. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 72, 514-537.	1.3	198
203	Risk management is not enough: a conceptual model for resilience and adaptation-based vulnerability assessments. <i>Environment Systems and Decisions</i> , 2015, 35, 219-228.	1.9	46
204	Application of systems modeling and risk assessment to address real-world decision-making challenges. <i>Environment Systems and Decisions</i> , 2015, 35, 425-426.	1.9	1
205	Life cycle assessment for dredged sediment placement strategies. <i>Science of the Total Environment</i> , 2015, 511, 309-318.	3.9	47
206	Systems engineering framework for cyber physical security and resilience. <i>Environment Systems and Decisions</i> , 2015, 35, 291-300.	1.9	90
207	Review of decision analytic tools for sustainable nanotechnology. <i>Environment Systems and Decisions</i> , 2015, 35, 29-41.	1.9	36
208	Benchmarking agency and organizational practices in resilience decision making. <i>Environment Systems and Decisions</i> , 2015, 35, 185-195.	1.9	68
209	Engaging stakeholders in nano-EHS risk governance. <i>Environment Systems and Decisions</i> , 2015, 35, 24-28.	1.9	8
210	Nanotechnology: promoting innovation through analysis and governance. <i>Environment Systems and Decisions</i> , 2015, 35, 22-23.	1.9	8
211	A matrix approach to community resilience assessment: an illustrative case at Rockaway Peninsula. <i>Environment Systems and Decisions</i> , 2015, 35, 209-218.	1.9	98
212	Risk Assessment, Life Cycle Assessment, and Decision Methods for Nanomaterials. , 2015, , 383-419.		4
213	Not a Humbug: the evolution of patient-centred medical decision-making. <i>Evidence-Based Medicine</i> , 2015, 20, 193-197.	0.6	7
214	Decision Making in a Convergent Society. , 2015, , 1-9.		0
215	The challenges of nanotechnology risk management. <i>Nano Today</i> , 2015, 10, 6-10.	6.2	28
216	Strategies for Selecting Routes through Real-World Environments: Relative Topography, Initial Route Straightness, and Cardinal Direction. <i>PLoS ONE</i> , 2015, 10, e0124404.	1.1	11

#	ARTICLE	IF	CITATIONS
217	From "weight of evidence" to quantitative data integration using multicriteria decision analysis and Bayesian methods. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2015, 32, 3-8.	0.9	50
218	A Semi-Quantitative Risk Assessment Standard for Counterfeit Electronics Detection. <i>SAE International Journal of Aerospace</i> , 2014, 7, 171-181.	4.0	18
219	Tools and strategies for climate change decision making. <i>Environment Systems and Decisions</i> , 2014, 34, 471-472.	1.9	0
220	Nanotechnology Risk Management. , 2014, , 247-263.		2
221	A weight of evidence approach for hazard screening of engineered nanomaterials. <i>Nanotoxicology</i> , 2014, 8, 72-87.	1.6	84
222	A simplified approach for simulating changes in beach habitat due to the combined effects of long-term sea level rise, storm erosion, and nourishment. <i>Environmental Modelling and Software</i> , 2014, 52, 111-120.	1.9	15
223	Metrics for energy resilience. <i>Energy Policy</i> , 2014, 72, 249-256.	4.2	199
224	Risk-based standards: integrating top-down and bottom-up approaches. <i>Environment Systems and Decisions</i> , 2014, 34, 134-137.	1.9	64
225	Value of information analysis: the state of application. <i>Environment Systems and Decisions</i> , 2014, 34, 3-23.	1.9	101
226	Sustainable nanotechnology: Defining, measuring and teaching. <i>Nano Today</i> , 2014, 9, 6-9.	6.2	59
227	Changing the resilience paradigm. <i>Nature Climate Change</i> , 2014, 4, 407-409.	8.1	487
228	Untangling drivers of species distributions: Global sensitivity and uncertainty analyses of MaxEnt. <i>Environmental Modelling and Software</i> , 2014, 51, 296-309.	1.9	142
229	The Value of Information for Managing Contaminated Sediments. <i>Environmental Science & Technology</i> , 2014, 48, 9478-9485.	4.6	18
230	Illustrating Anticipatory Life Cycle Assessment for Emerging Photovoltaic Technologies. <i>Environmental Science & Technology</i> , 2014, 48, 10531-10538.	4.6	100
231	Benefits and Risks of Emerging Technologies: Integrating Life Cycle Assessment and Decision Analysis To Assess Lumber Treatment Alternatives. <i>Environmental Science & Technology</i> , 2014, 48, 11543-11550.	4.6	32
232	Scientific Convergence: Dealing with the Elephant in the Room. <i>Environmental Science & Technology</i> , 2014, 48, 10539-10540.	4.6	7
233	Stakeholder engagement in dredged material management decisions. <i>Science of the Total Environment</i> , 2014, 496, 248-256.	3.9	25
234	Risk and resilience lessons from Venice. <i>Environment Systems and Decisions</i> , 2014, 34, 378-382.	1.9	29

#	ARTICLE	IF	CITATIONS
235	A decision-analytic approach to predict state regulation of hydraulic fracturing. Environmental Sciences Europe, 2014, 26, 20.	2.6	13
236	Environment models and decisions. Environment Systems and Decisions, 2014, 34, 369-372.	1.9	21
237	Introduction to the inaugural general issue of environment systems and decisions. Environment Systems and Decisions, 2014, 34, 367-368.	1.9	1
238	Cybersecurity Standards: Managing Risk and Creating Resilience. Computer, 2014, 47, 70-76.	1.2	52
239	Sustainable Urban Systems: A Review of How Sustainability Indicators Inform Decisions. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 3-20.	0.1	11
240	Multiple-criteria decision-aiding framework to analyze and assess the governance of sustainability. Environment Systems and Decisions, 2013, 33, 305-321.	1.9	14
241	Collective risk management: insights and opportunities for DoD decision-makers. Environment Systems and Decisions, 2013, 33, 335-340.	1.9	1
242	Use of multi-criteria decision analysis in regulatory alternatives analysis: A case study of lead free solder. Integrated Environmental Assessment and Management, 2013, 9, 652-664.	1.6	29
243	Environmental sustainability, complex systems, and the disruptive imagination. Environment Systems and Decisions, 2013, 33, 181-183.	1.9	5
244	Sustainable roofing technology under multiple constraints: a decision-analytical approach. Environment Systems and Decisions, 2013, 33, 261-271.	1.9	43
245	Decision framework for evaluating the macroeconomic risks and policy impacts of cyber attacks. Environment Systems and Decisions, 2013, 33, 544-560.	1.9	14
246	Resilience metrics for cyber systems. Environment Systems and Decisions, 2013, 33, 471-476.	1.9	194
247	Four domains of cybersecurity: a risk-based systems approach to cyber decisions. Environment Systems and Decisions, 2013, 33, 469-470.	1.9	13
248	Measurable Resilience for Actionable Policy. Environmental Science & Technology, 2013, 47, 130903081548008.	4.6	112
249	Multi-criteria decision analysis to select metrics for design and monitoring of sustainable ecosystem restorations. Ecological Indicators, 2013, 26, 76-86.	2.6	98
250	Integrating Risk and Resilience Approaches to Catastrophe Management in Engineering Systems. Risk Analysis, 2013, 33, 356-367.	1.5	417
251	Research and Development Priorities for Energy Islanding of Military and Industrial Installations. Journal of Infrastructure Systems, 2013, 19, 297-305.	1.0	29
252	For nanotechnology decisions, use decision analysis. Nano Today, 2013, 8, 5-10.	6.2	39

#	ARTICLE	IF	CITATIONS
253	Decision analysis for species preservation under sea-level rise. <i>Ecological Modelling</i> , 2013, 263, 264-272.	1.2	13
254	Risky Removal: Developing a Holistic Understanding of the Risks of Redeveloping Sites Contaminated with Unexploded Ordnance. <i>Environmental Science & Technology</i> , 2013, 47, 3955-3956.	4.6	2
255	Introduction to the inaugural issue of environment systems and decisions. <i>Environment Systems and Decisions</i> , 2013, 33, 1-2.	1.9	2
256	Scenario analysis: a review of methods and applications for engineering and environmental systems. <i>Environment Systems and Decisions</i> , 2013, 33, 3-20.	1.9	34
257	Climate change risk management: a Mental Modeling application. <i>Environment Systems and Decisions</i> , 2013, 33, 376-390.	1.9	10
258	Multiscale approach to the security of hardware supply chains for energy systems. <i>Environment Systems and Decisions</i> , 2013, 33, 326-334.	1.9	16
259	Enhanced Adaptive Management: Integrating Decision Analysis, Scenario Analysis and Environmental Modeling for the Everglades. <i>Scientific Reports</i> , 2013, 3, 2922.	1.6	25
260	Predicted spatio-temporal dynamics of radiocesium deposited onto forests following the Fukushima nuclear accident. <i>Scientific Reports</i> , 2013, 3, 2564.	1.6	95
261	A Decision Analytic Approach to Exposure-Based Chemical Prioritization. <i>PLoS ONE</i> , 2013, 8, e70911.	1.1	36
262	A Moment of Mental Model Clarity: Response to Jones et al. 2011. <i>Ecology and Society</i> , 2012, 17, .	1.0	12
263	Uncertainty in Multi-Pathway Risk Assessment for Combustion Facilities. <i>Human and Ecological Risk Assessment (HERA)</i> , 2012, 18, 501-516.	1.7	4
264	Risk Informed Decision Framework for Integrated Evaluation of Countermeasures against CBRN Threats. <i>Journal of Homeland Security and Emergency Management</i> , 2012, 9, .	0.2	7
265	Environmental risk management with the use of multi-criteria spatial decision support system DECERNS. <i>International Journal of Risk Assessment and Management</i> , 2012, 16, 175.	0.2	9
266	Prioritizing Infrastructure Investments in Afghanistan with Multiagency Stakeholders and Deep Uncertainty of Emergent Conditions. <i>Journal of Infrastructure Systems</i> , 2012, 18, 155-166.	1.0	66
267	Radioactive Contamination of Natural Ecosystems: Seeing the Wood Despite the Trees. <i>Environmental Science & Technology</i> , 2012, 46, 12283-12284.	4.6	1
268	Integrating Legal Liabilities in Nanomanufacturing Risk Management. <i>Environmental Science & Technology</i> , 2012, 46, 7955-7962.	4.6	17
269	Use of Stochastic Multi-Criteria Decision Analysis to Support Sustainable Management of Contaminated Sediments. <i>Environmental Science & Technology</i> , 2012, 46, 1326-1334.	4.6	48
270	Shorebird patches as fingerprints of fractal coastline fluctuations due to climate change. <i>Ecological Processes</i> , 2012, 1, .	1.6	15

#	ARTICLE	IF	CITATIONS
271	Environmental risk analysis for nanomaterials: Review and evaluation of frameworks. <i>Nanotoxicology</i> , 2012, 6, 196-212.	1.6	96
272	Civilian Response Corps Force Review: The Application of Multi-Criteria Decision Analysis to Prioritize Skills Required for Future Diplomatic Missions. <i>Journal of Multi-Criteria Decision Analysis</i> , 2012, 19, 155-168.	1.0	19
273	Simulating the fate of Florida Snowy Plovers with sea-level rise: Exploring research and management priorities with a global uncertainty and sensitivity analysis perspective. <i>Ecological Modelling</i> , 2012, 224, 33-47.	1.2	31
274	Using Our Brains to Develop Better Policy. <i>Risk Analysis</i> , 2012, 32, 374-380.	1.5	26
275	Cognitive Mapping Tools: Review and Risk Management Needs. <i>Risk Analysis</i> , 2012, 32, 1333-1348.	1.5	69
276	Epistemic uncertainty in predicting shorebird biogeography affected by sea-level rise. <i>Ecological Modelling</i> , 2012, 240, 1-15.	1.2	31
277	Flood Risk Management: US Army Corps of Engineers and Layperson Perceptions. <i>Risk Analysis</i> , 2012, 32, 1349-1368.	1.5	47
278	Flood Protection Diversification to Reduce Probabilities of Extreme Losses. <i>Risk Analysis</i> , 2012, 32, 1873-1887.	1.5	22
279	Polychlorinated dibenzo(p)dioxin and furan (PCDD/F) congener profiles in cement kiln emissions and impacts. <i>Science of the Total Environment</i> , 2012, 419, 37-43.	3.9	41
280	Inferring Species Richness and Turnover by Statistical Multiresolution Texture Analysis of Satellite Imagery. <i>PLoS ONE</i> , 2012, 7, e46616.	1.1	9
281	A Decision Analytic Approach for Department of Defense Acquisition Risk Management. , 2012, 17, 57-70.		10
282	A decision-directed approach for prioritizing research into the impact of nanomaterials on the environment and human health. <i>Nature Nanotechnology</i> , 2011, 6, 784-787.	15.6	100
283	Energy security of military and industrial systems: Multicriteria analysis of vulnerability to emergent conditions including cyber threats. , 2011, , .		3
284	Coupling Multi-Criteria Decision Analysis, Life-Cycle Assessment, and Risk Assessment for Emerging Threats. <i>Environmental Science & Technology</i> , 2011, 45, 5068-5074.	4.6	123
285	Anthrax Cleanup Decisions: Statistical Confidence or Confident Response. <i>Environmental Science & Technology</i> , 2011, 45, 9471-9472.	4.6	3
286	Management Tools for Managing Vapor Intrusion. <i>Environmental Science & Technology</i> , 2011, 45, 8611-8612.	4.6	2
287	Use of Life Cycle Assessments To Evaluate the Environmental Footprint of Contaminated Sediment Remediation. <i>Environmental Science & Technology</i> , 2011, 45, 4235-4241.	4.6	91
288	Scale- and resolution-invariance of suitable geographic range for shorebird metapopulations. <i>Ecological Complexity</i> , 2011, 8, 364-376.	1.4	26

#	ARTICLE	IF	CITATIONS
289	Do Tropical Cyclones Shape Shorebird Habitat Patterns? Biogeoclimatology of Snowy Plovers in Florida. PLoS ONE, 2011, 6, e15683.	1.1	27
290	Climate change scenarios: risk and impact analysis for Alaska coastal infrastructure. International Journal of Risk Assessment and Management, 2011, 15, 258.	0.2	35
291	The impact of sea-level rise on Snowy Plovers in Florida: integrating geomorphological, habitat, and metapopulation models. Global Change Biology, 2011, 17, 3644-3654.	4.2	65
292	Use of Multicriteria Decision Analysis to Support Weight of Evidence Evaluation. Risk Analysis, 2011, 31, 1211-1225.	1.5	63
293	Multi-criteria decision analysis in environmental sciences: Ten years of applications and trends. Science of the Total Environment, 2011, 409, 3578-3594.	3.9	940
294	Emissions of metals and polychlorinated dibenzo(p)dioxins and furans (PCDD/Fs) from Portland cement manufacturing plants: Inter-kiln variability and dependence on fuel-types. Science of the Total Environment, 2011, 409, 4198-4205.	3.9	43
295	Integration of Decision Analysis and Scenario Planning for Coastal Engineering and Climate Change. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 63-73.	3.4	76
296	Scenario and multiple criteria decision analysis for energy and environmental security of military and industrial installations. Integrated Environmental Assessment and Management, 2011, 7, 228-236.	1.6	76
297	Use of life cycle assessments for improved decision making in contaminated sediment remediation. Integrated Environmental Assessment and Management, 2011, 7, 304-305.	1.6	1
298	Use of multicriteria involvement processes to enhance transparency and stakeholder participation at Bergen Harbor, Norway. Integrated Environmental Assessment and Management, 2011, 7, 414-425.	1.6	23
299	Environmental radiation: Risk benchmarks or benchmarking risk assessment. Integrated Environmental Assessment and Management, 2011, 7, 400-403.	1.6	3
300	Environmental risk management for radiological accidents: Integrating risk assessment and decision analysis for remediation at different spatial scales. Integrated Environmental Assessment and Management, 2011, 7, 393-395.	1.6	8
301	The challenges posed by radiation and radionuclide releases to the environment. Integrated Environmental Assessment and Management, 2011, 7, 360-361.	1.6	0
302	Exploring vulnerability of coastal habitats to sea level rise through global sensitivity and uncertainty analyses. Environmental Modelling and Software, 2011, 26, 593-604.	1.9	121
303	Energy security innovation at industrial and military installations: A multicriteria analysis with regulatory, environmental, economic, and other emergent conditions. , 2011, , .		0
304	Prioritization of sediment management alternatives using stochastic multicriteria acceptability analysis. Science of the Total Environment, 2010, 408, 4354-4367.	3.9	41
305	Nanotechnology Risk Management. , 2010, , 143-179.		6
306	Application of Stochastic Multiattribute Analysis to Assessment of Single Walled Carbon Nanotube Synthesis Processes. Environmental Science & Technology, 2010, 44, 8704-8711.	4.6	42

#	ARTICLE	IF	CITATIONS
307	Cognitive barriers in floods risk perception and management: A mental modeling framework and illustrative example. , 2009, , .		6
308	Weight-of-evidence evaluation in environmental assessment: Review of qualitative and quantitative approaches. Science of the Total Environment, 2009, 407, 5199-5205.	3.9	220
309	Nanotechnology: Health and Environmental Risks (Shatkin, J.A.) [Book review]. IEEE Nanotechnology Magazine, 2009, 3, 29-29, 32.	0.9	0
310	Emergent conditions and multiple criteria analysis in infrastructure prioritization for developing countries. Journal of Multi-Criteria Decision Analysis, 2009, 16, 125-137.	1.0	67
311	Prioritization of capability gaps for joint small arms program using multi-criteria decision analysis. Journal of Multi-Criteria Decision Analysis, 2009, 16, 179-185.	1.0	8
312	Emerging methods and tools for environmental risk assessment, decision-making, and policy for nanomaterials: summary of NATO Advanced Research Workshop. Journal of Nanoparticle Research, 2009, 11, 513-527.	0.8	74
313	Risk-based classification system of nanomaterials. Journal of Nanoparticle Research, 2009, 11, 757-766.	0.8	178
314	Predicting physical properties of emerging compounds with limited physical and chemical data: QSAR model uncertainty and applicability to military munitions. Chemosphere, 2009, 77, 1412-1418.	4.2	13
315	Decision Evaluation for Complex Risk Network Systems (DECERNS) Software Tool. , 2009, , 1-18.		6
316	Nanotoxicology and nanomedicine: making hard decisions. Nanomedicine: Nanotechnology, Biology, and Medicine, 2008, 4, 167-171.	1.7	160
317	Coupling Multicriteria Decision Analysis and Life Cycle Assessment for Nanomaterials. Journal of Industrial Ecology, 2008, 12, 282-285.	2.8	56
318	A risk-informed decision framework for setting environmental windows for dredging projects. Science of the Total Environment, 2008, 403, 1-11.	3.9	58
319	A preliminary exposure assessment of microcystins from consumption of drinking water in the United States. Lake and Reservoir Management, 2007, 23, 203-210.	0.4	3
320	Typological review of environmental performance metrics (with illustrative examples for oil spill) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 2	1.6	15
321	Site-specific Applications of Probabilistic Health Risk Assessment: Review of the Literature Since 2000. Risk Analysis, 2007, 27, 635-658.	1.5	37
322	Application of Multicriteria Decision Analysis Tools to Two Contaminated Sediment Case Studies. Integrated Environmental Assessment and Management, 2007, 3, 223.	1.6	74
323	Multi-criteria decision analysis and environmental risk assessment for nanomaterials. Journal of Nanoparticle Research, 2007, 9, 543-554.	0.8	152
324	Harmful Cyanobacterial Blooms. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 207-242.	0.1	1

#	ARTICLE	IF	CITATIONS
325	A Multi-Criteria Decision Analysis Approach for Prioritization of Performance Metrics. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 261-298.	0.1	9
326	Decision Evaluation for Complex Risk Networked Systems Development Progress. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 369-391.	0.1	0
327	From comparative risk assessment to multi-criteria decision analysis and adaptive management: Recent developments and applications. Environment International, 2006, 32, 1072-1093.	4.8	441
328	Weight of Evidence: What Is the State of the Science?. Risk Analysis, 2006, 26, 573-575.	1.5	14
329	Radionuclides in fruit systems: Modelâ€“model intercomparison study. Science of the Total Environment, 2006, 364, 124-137.	3.9	6
330	From optimization to adaptation: Shifting paradigms in environmental management and their application to remedial decisions. Integrated Environmental Assessment and Management, 2006, 2, 92-98.	1.6	42
331	A HABITAT SUITABILITY EVALUATION TECHNIQUE AND ITS APPLICATION TO ENVIRONMENTAL RISK ASSESSMENT. , 2006, , 191-201.		3
332	THE QND MODEL/GAME SYSTEM: INTEGRATING QUESTIONS AND DECISIONS FOR MULTIPLE STRESSORS. , 2006, , 203-225.		5
333	From optimization to adaptation: shifting paradigms in environmental management and their application to remedial decisions. Integrated Environmental Assessment and Management, 2006, 2, 92-8.	1.6	8
334	Radionuclide migration in forest ecosystems â€“ results of a model validation study. Journal of Environmental Radioactivity, 2005, 84, 285-296.	0.9	35
335	Application of Multicriteria Decision Analysis in Environmental Decision Making. Integrated Environmental Assessment and Management, 2005, 1, 95.	1.6	710
336	Sources of uncertainty in model predictions: lessons learned from the IAEA Forest and Fruit Working Group model intercomparisons. Journal of Environmental Radioactivity, 2005, 84, 297-314.	0.9	9
337	Uncertainty in Octanolâ”“Water Partition Coefficient:Â Implications for Risk Assessment and Remedial Costs. Environmental Science & Technology, 2005, 39, 6917-6922.	4.6	41
338	Role of Comparative Risk Assessment in Addressing Environmental Security in the Middle East. Risk Analysis, 2004, 24, 1243-1248.	1.5	9
339	Model Uncertainty and Choices Made by Modelers: Lessons Learned from the International Atomic Energy Agency Model Intercomparisonsâ€“. Risk Analysis, 2003, 23, 1297-1308.	1.5	71
340	Risk-Based Management of Contaminated Sediments:Â Consideration of Spatial and Temporal Patterns in Exposure Modeling. Environmental Science & Technology, 2002, 36, 238-246.	4.6	71
341	The Effect of Different Tumor Groupings on Findings of Anticarcinogenic Responses in Long-Term Rodent Bioassays. Regulatory Toxicology and Pharmacology, 2002, 36, 139-148.	1.3	5
342	The use of spatial modeling in an aquatic food web to estimate exposure and risk. Science of the Total Environment, 2002, 288, 97-110.	3.9	22

#	ARTICLE	IF	CITATIONS
343	Importance of Uncertainty and Variability to Predicted Risks from Trophic Transfer of PCBs in Dredged Sediments. Risk Analysis, 2002, 22, 499-512.	1.5	24
344	Absolute Risk or Relative Risk? A Study of Intraspecies and Interspecies Extrapolation of Chemical-Induced Cancer Risk. Risk Analysis, 2002, 22, 141-157.	1.5	6
345	Uncertainty and variability in risk from trophic transfer of contaminants in dredged sediments. Science of the Total Environment, 2001, 274, 255-269.	3.9	32
346	Spatially explicit exposure models: application to military sites. Toxicology and Industrial Health, 2001, 17, 230-235.	0.6	12
347	Correlations among tumor types in mouse cancer bioassays: liver adenomas, liver carcinomas, leukemias and lymphomas. Toxicology and Industrial Health, 2000, 16, 16-40.	0.6	4
348	Liver adenomas and carcinomas: correlations and relationship to body weight in long-term rodent cancer bioassays. Toxicology and Industrial Health, 2000, 16, 211-223.	0.6	3
349	Liver adenomas and carcinomas: correlations and relationship to body weight in long-term rodent cancer bioassays. Toxicology and Industrial Health, 2000, 16, 211-223.	0.6	0
350	Weight and Survival Depression in Rodent Bioassays with and without Tumor Decreases. Toxicological Sciences, 1998, 43, 10-18.	1.4	10
351	Anticarcinogenic Responses in Rodent Cancer Bioassays Are Not Explained by Random Effects. Toxicological Sciences, 1998, 43, 1-9.	1.4	21
352	Anticarcinogenic responses in rodent cancer bioassays are not explained by random effects. Toxicological Sciences, 1998, 43, 1-9.	1.4	8
353	Remedial Policies in Radiologically-Contaminated Forests: Environmental Consequences and Risk Assessment. Risk Analysis, 1997, 17, 67-75.	1.5	20
354	Model-directed sampling in Chernobyl forests: general methodology and 1994 sampling program. Science of the Total Environment, 1996, 180, 229-240.	3.9	15
355	Multi-Criteria Decision Analysis. , 0, , .		16
356	Multi-Criteria Decision Analysis. , 0, , .		92