## **Appendix A**

Table A provides a summary of the twenty articles included in this analysis.

**Table A: Summary of the twenty articles from the systematic literature review including the number of citations as reported in Web of Science.**

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| --- | --- | --- | --- | --- | --- |
| # | **Year** | **Author** | **Title** | **Journal** | **Citations** |
| 1 | 2021 | Lu, J; Lin, YC; Wu, J; Zhang, C | Continental-scale spatial distribution, sources, and health risks of heavy metals in seafood: challenge for the water-food-energy nexus sustainability in coastal regions? | *Environmental Science and Pollution Research* | 2 |
| 2 | 2021 | Elagib, NA; Saad, SAG; Basheer, M; Rahma, AE; Gore, EDL | Exploring the urban water-energy-food nexus under environmental hazards within the Nile | *Stochastic Environmental Research and Risk Assessment* | 2 |
| 3 | 2020 | Dargin, J; Berk, A; Mostafavi, A | Assessment of household-level food-energy-water nexus vulnerability during disasters | *Sustainable Cities and Society* | 0 |
| 4 | 2020 | Sanusi, F; Choi, J; Ulak, MB; Ozguven, EE; Abichou, T | Metadata-Based Analysis of Physical-Social-Civic Systems to Develop the Knowledge Base for Hurricane Shelter Planning | *Journal of Management in Engineering* | 0 |
| 5 | 2020 | McCartney, M; Brunner, J | Improved water management is central to solving the water-energy-food trilemma in Lao PDR | *International Journal of Water Resources Development* | 0 |
| 6 | 2020 | Zhang, C; Yao, WL; Yang, Y; Huang, RH; Mostafavi, A | Semiautomated social media analytics for sensing societal impacts due to community disruptions during disasters | *Computer-Aided Civil and Infrastructure Engineering* | 0 |
| 7 | 2020 | Newman, RJS; Capitani, C; Courtney-Mustaphi, C; Thorn, JPR; Kariuki, R; Enns, C; Marchant, R | Integrating Insights from Social-Ecological Interactions into Sustainable Land Use Change Scenarios for Small Islands in the Western Indian Ocean | *Sustainability* | 2 |
| 8 | 2020 | Luqman, M; Al-Ansari, T | Thermodynamic analysis of an Energy-Water-Food (Ewf) nexus driven polygeneration system applied to coastal communities | *Energy Conversion and Management* | 4 |
| 9 | 2019 | Cimellaro, Gian Paolo; Crupi, Pietro; Kim, Hyong Uk; Agrawal, Anil | Modeling interdependencies of critical infrastructures after hurricane Sandy | *International Journal of Disaster Risk Reduction* | 2 |
| 10 | 2019 | Whitney, E; Schnabel, WE; Aggarwal, S; Huang, D; Wies, RW; Karenzi, J; Huntington, HP; Schmidt, JI; Dotson, AD | MicroFEWs: A Food-Energy-Water Systems Approach to Renewable Energy Decisions in Islanded Microgrid Communities in Rural Alaska | *Environmental Engineering Science* | 4 |
| 11 | 2019 | de Bruijn, KM; Maran, C ; Zygnerski, M; Jurado, J; Burzel, A; Jeuken, C; Obeysekera, J | Flood Resilience of Critical Infrastructure: Approach and Method Applied to Fort Lauderdale, Florida | *Water* | 0 |
| 12 | 2019 | Ni, N; Little, RG; Sharkey, TC; Wallace, W | Modelling the recovery of critical commercial services and their interdependencies on civil infrastructures | *International Journal of Critical Infrastructures* | 0 |
| 13 | 2019 | Brown, H | Infrastructural Ecology: Embedding Resilience in Public Works | *Public Works Management & Policy* | 0 |
| 14 | 2018 | Romero-Lankao, P; Bruns, A; Wiegleb, V | From risk to WEF security in the city: The influence of interdependent infrastructure systems | *Environmental Science & Policy* | 12 |
| 15 | 2018 | Romero-Lankao, P; Norton, R | Interdependencies and Risk to People and Critical Food, Energy, and Water Systems: 2013 Flood, Boulder, Colorado, USA | *Earths Future* | 2 |
| 16 | 2018 | Uen, TS; Chang, FJ; Zhou, YL; Tsai, WP | Exploring synergistic benefits of Water-Food-Energy Nexus through multi-objective reservoir optimization schemes | *Science of the Total Environment* | 38 |
| 17 | 2018 | Garcia-Lopez, GA | The Multiple Layers of Environmental Injustice in Contexts of (Un)natural Disasters: The Case of Puerto Rico Post-Hurricane Maria | *Environmental Justice* | 9 |
| 18 | 2017 | Dal Bo Zanon, BD; Roeffen, B; Czapiewska, KM; de Graaf-Van Dinther, RE; Mooij, PR | Potential of floating production for delta and coastal cities | *Journal of Cleaner Production* | 8 |
| 19 | 2017 | Maass, M | Integrating Food-Water-Energy Research through a Socio-Ecosystem Approach | *Frontiers in Environmental Science* | ~~4~~ |
| 20 | 2016 | Meshkati, N; Tabibzadeh, M; Farshid, A; Rahimi, M; Alhanaee, G | People-Technology-Ecosystem Integration: A Framework to Ensure Regional Interoperability for Safety, Sustainability, and Resilience of Interdependent Energy, Water, and Seafood Sources in the (Persian) Gulf | *Human Factors* | 6 |