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| ID | Title | Year | Inclusion Criteria | Research Question |
| S1 | **An exploratory study of software sustainability dimensions and characteristics: end user perspectives in the Kingdom of Saudi Arabia (KSA)** | 2018 | Discussion on different dimensions of sustainability and their perceived priorities in software development according to academic and industry experts | RQ3 |
| S2 | **A Collection of Standards-based Recommendations for Sustainable, Social, Accessible Robots and Systems in Public Spaces - A Systematic Review and Derivation of Unified Equality Requirement Descriptions** | 2024 | Listed 83 equality requirements in social dimension for robotic systems in particularly | RQ1 |
| S3 | **WaterWise: Co-optimizing Carbon- and Water-Footprint Toward Environmentally Sustainable Cloud Computing** | 2025 | Provides metrics for measurement of environmental sustainability categories. | RQ1, RQ2 |
| S4 | **Assessing the Role of Software in Sustainability: A Survey of Industry Practices and Research Trends** | 2025 | Lists out green software engineering requirements | RQ1 |
| S5 | **Uncovering sustainability concerns in software product lines** | 2016 | List out categories and metrics for different dimensions (social, economic, technical and environmental) for SPL | RQ1, RQ2 |
| S6 | **Sustainability requirements for connected health applications** | 2017 | Lists out sustainability requirements across different dimensions for healthcare applications | RQ1, RQ3 |
| S7 | **Addressing sustainability in the requirements engineering process: From elicitation to functional decomposition** | 2020 | Provides a framework for sustainability requirement elicitation. Goal approach for mapping them to other system requirements. Also defines categories for different dimensions. | RQ1, RQ2, RQ3 |
| S8 | **On the Importance of Requirements Elicitation Framework to ensure Sustainability in the Digital Education Ecosystems** | 2023 | Provides a sustainability requirement elicitation framework for digital education system. Highlight specific categories of sustainability dimensions. | RQ1, RQ2 |

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| S9 | **Social Sustainability Indicators for Software: Initial**  **Review** | 2014 | Provides a comprehensive list of social sustainability indicators | 2014 |
| S10 | **The role of energy management technologies for cyber resilient smart homes in sustainable urban development** | 2024 | Explores sustainability requirements in the dimension of environment and technical for developing smart home systems | RQ3 |
| S11 | **AI-powered sustainability in smart cities** | 2025 | Provides energy management issues for smart cities and how they can be optimized. | RQ1, RQ2 |
| S12 | **Integration of Deep Learning with Edge Computing on Progression of Societal Innovation in Smart City Infrastructure: A Sustainability Perspective** | 2025 | Lists out sustainability requirements for smart city infrastructure | RQ1, RQ3 |
| S13 | **How Viable Are Energy Savings in Smart Homes? A Call to Embrace Rebound Effects in Sustainable HCI** | 2023 | Environmental sustainability metrics for smart homes | RQ2 |
| S14 | **Sustainable Personalized Home Care for Pandemic Management: A**  **Service-Oriented Approach** | 2025 | Provides sustainability requirements (technical dimension) for healthcare applications | RQ1 |
| S15 | **Towards Sustainability in Buildings: a Case Study on the Impacts of Smart Home Automation Systems** | 2022 | Addresses impact of smart home automation system across sustainability dimensions and categories | RQ1, RQ2 |
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