

Supplementary Materials

Article: Reviewing Environmental Benefits of Urban Manufacturing: Arguments and Evidence for Carbon, Resource, and Space Efficiency

List of documents included in the content analysis, sorted by year of publication.

Unique ID	Full Reference	Year	Type	Study Region	Methods	Env. Impact Types	Manufacturing Type	Logic	Type of Evidence
HER-LEC-MOD-2024	Hertwig, M.; Werner, A.; Zimmermann, N.; Hölzle, K. (2024): Modular Digital Production Twin as Enabler for Sustainable Value Creation – The Case of Urban Environments. In: Thomas Bauernhansl, Alexander Verl, Mathias Liewald und Hans-Christian Möhring (Hg.): Production at the Leading Edge of Technology. Cham: Springer Nature Switzerland (Lecture Notes in Production Engineering), S. 185–194.	2024	Chapter	/	Concept development	Not further Specified	Urban Industries	Urban Synergies	Referenced
MAR-PRO-SIM-2024	Martin, Niels L.; Rudolf, Sina; Grimm, Philipp; Mennenga, Mark; Juraschek, Max; Herrmann, Christoph (2024): Simulation-based comparison of the material and energy efficiency of decentralized urban manufacturing systems. In: Procedia CIRP 122, S. 223–228. DOI: 10.1016/j.procir.2024.01.033.	2024	Chapter	/	Scenario-based simulation	Carbon Efficiency, Resource Efficiency	Urban Manufacturers	Proximity	Direct
IJA-PRO-INN-2024	Ijassi, Walid; Evrard, Damien; Zwolinski, Peggy (2024): Innovative Teaching Method of Circularity Design for Sustainable Manufacturing Systems: an Application on Urban Factories. In: Procedia CIRP 122, S. 151–156. DOI: 10.1016/j.procir.2024.01.022.	2024	Proceeding	/	Teaching Method Development	Not further Specified	Urban Industries	Urban Synergies	Referenced
LIC-PRO-FRA-2024	Lickert, Hannah; Görgens, Severin J.; Meyer, Kolja; Dietrich, Franz (2024): Framework for Mapping and Developing Closed Loops in Urban Areas. In: Procedia CIRP 122, S. 360–365. DOI: 10.1016/j.procir.2024.01.053.	2024	Chapter	/	Framework development	Resource Efficiency	Urban Industries	Urban Synergies	Inferred
SAL-AIM-A S-2024	Salisu, Monsuru Adekunle; Oyebamiji, Yusuf Opeyemi; Ahmed, Omowunmi Kayode; Shamsudin, Noraziyah A.; Fairuz, Yusoff Siti; Yusuff, Oladosu et al. (2024): A systematic review of emerging trends in crop cultivation using soilless techniques for sustainable agriculture and food security in post-pandemic. In: AIMSAGRI 9 (2), S. 666–692. DOI: 10.3934/AGRFOOD.2024036.	2024	Proceeding	/	Literature Review	Resource Efficiency, Space Efficiency	Urban Agriculture	Proximity, Urban Synergies	Referenced
AMJ-ENV-SMA-2024	Amjad, Muhammad Saad; Diaz-Elsayed, Nancy (2024): Smart and sustainable urban manufacturing for a circular economy. In: Environ Dev Sustain. DOI: 10.1007/s10668-024-04671-w.	2024	Article	/	Literature Review	Carbon Efficiency, Space Efficiency	Not specified	Proximity	Inferred
HER-PRO-SMA-2024	Hertwig, Michael; Nowak, Maximilian; Werner, Andreas; Martineau, Stephan; Schlund, Sebastian (2024): Smart Glocal Production – An Assessment Approach for the Readiness Level of Manufacturing Companies. In: Procedia CIRP 122, S. 485–490. DOI: 10.1016/j.procir.2024.02.014.	2024	Proceeding	/	Literature Review, Framework development	Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Inferred
IJA-SUS-DEV-2024	Ijassi, Walid; Evrard, Damien; Zwolinski, Peggy (2024): Development of a circularity design methodology for urban factories based on systemic thinking and stakeholders engagement. In: Sustainable Production and Consumption 46, S. 600–616. DOI: 10.1016/j.spc.2024.02.031.	2024	Article	/	Literature Review, Methodology Development	Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced

SCH-BUI-HYB-2024	Schroder, Ingrid; Elwakil, Reham; Steemers, Koen (2024): Hybrid Makerspaces and Networks for the Circular City: A Case Study of Leuven, Belgium. In: Buildings 14 (1), S. 137. DOI: 10.3390/buildings14010137.	2024	Proceeding	Belgium	Case Study	Resource Efficiency	Urban Manufacturers	Proximity	Direct
CHE-LAN-CAN-2024	Chen, Xiaoli; Huang, Zhefeng; Luo, Chaoguang; Hu, Zhineng (2024): Can Agricultural Industry Integration Reduce the Rural–Urban Income Gap? Evidence from County-Level Data in China. In: Land 13 (3), S. 332. DOI: 10.3390/land13030332.	2024	Chapter	China	Modeling	Resource Efficiency	Urban Agriculture	Proximity	Direct
YIN-URB-THE-2024	Yin, Kai; Yao, Xin (2024): The impact of urban compactness on urban carbon emissions: A study of 281 Chinese cities. In: Urban Climate 56, S. 102052. DOI: 10.1016/j.uclim.2024.102052.	2024	Proceeding	China	Quantitative Analysis	Carbon Efficiency	Urban Industries	Proximity	Direct
MEY-EUR-HET-2024	Meyer, Kerstin; Schonlau, Marcel (2024): Heterogeneity of urban manufacturing – a statistical analysis of manufacturing companies in three German cities. In: European Planning Studies 32 (8), S. 1813–1836. DOI: 10.1080/09654313.2024.2337305.	2024	Article	Germany	Statistical Analysis	Carbon Efficiency, Resource Efficiency	Urban Industries, Urban Manufacturers	Proximity	Referenced
GUJ-V.-URB-2024	Güven, Gökhan (2024): Urban unemployment, environmental preservation and trade policies in a small open economy with open access renewable resources. In: Journal of Cleaner Production 440, S. 140912. DOI: 10.1016/j.jclepro.2024.140912.	2024	Proceeding	/	Modeling	Carbon Efficiency	Urban Industries, Urban Agriculture	/	/
AL--OPE-ENH-2024	Al-Asadi, Asaad; Almusaed, Amjad; Al-Asadi, Fatima; Almssad, Asaad (2024): Enhancing urban sustainability through industrial synergy: A multidisciplinary framework for integrating sustainable industrial practices within urban settings – The case of Hamadan industrial city. In: Open Engineering 14 (1), Artikel 20240033. DOI: 10.1515/eng-2024-0033.	2024	Article	Iran	Case Study	Resource Efficiency	Urban Industries	Urban Synergies	Direct
TRI-SUS-PLA-2024	Tricarico, Luca (2024): Placemaking in the Post-Pandemic Context: Innovation Hubs and New Urban Factories. In: Sustainability 16 (3), S. 1030. DOI: 10.3390/su16031030.	2024	Proceeding	Italy	Case Study	Resource Efficiency, Space Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced
SAJ-INT-TOW-2024	Sajadieh, Seyed Mohammad Mehdi; Noh, Sang Do (2024): Towards Sustainable Manufacturing: A Maturity Assessment for Urban Smart Factory. In: Int. J. of Precis. Eng. and Manuf.-Green Tech. 11 (3), S. 909–937. DOI: 10.1007/s40684-023-00554-z.	2024	Proceeding	Korea	Maturity Assessment Modeling, Case Study	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries	/	/
KOU-PLA-OPP-2024	Kouloumprouka Zacharaki, Aikaterini; Monaghan, James M.; Bromley, Jennifer R.; Vickers, Laura H. (2024): Opportunities and challenges for strawberry cultivation in urban food production systems. In: Plants People Planet 6 (3), S. 611–621. DOI: 10.1002/ppp3.10475.	2024	Chapter	United Kingdom	Literature Review	Carbon Efficiency, Space Efficiency	Urban Agriculture	Proximity	Referenced
RUG-GEO-FRO-2024	Ruggeri, Deni (2024): From Prescription to Adaptation in the Future Productive City: Classroom-Inspired Principles for Design and Planning of Urban Agriculture. In: Beata Sirowy und Deni Ruggeri (Hg.): Urban Agriculture in Public Space, Bd. 132. Cham: Springer International Publishing (GeoJournal Library), S. 199–221.	2024	Proceeding	United States, Norway	Toolkit development	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Agriculture	Urban Synergies	Referenced
GÄ--PRO-POL-2023	Görgens, Severin J.; Meyer, Kolja H.; Wetzel, Anne; Mennenga, Mark (2023): Polygon Interface Analysis: A Concept For Analyzing Production Site Interactions In Urban Areas. Unter Mitarbeit von Technische Informationsbibliothek (TIB), David Herberger und Marco Hübner: Hannover : publish-Ing.	2023	Proceeding	/	Modeling	Not further Specified	Urban Industries	/	/
ROS-LEC-SUS-2023	Rosilius, Maximilian; Wilhelm, Markus; Eitzen, Ingo von; Decker, Steffen; Damek, Sebastian; Braeutigam, Volker (2023): Sustainable Solutions by the Use of Immersive Technologies for Repurposing	2023	Proceeding	/	Augmented Reality Simulation	Space Efficiency	Urban Industries	/	/

Buildings. In: Holger Kohl, Günther Seliger und Franz Dietrich (Hg.): Manufacturing Driving Circular Economy. Cham: Springer International Publishing (Lecture Notes in Mechanical Engineering), S. 551–558.

DEL-LEC-RES-2023	Dellbrügge, Marius; Rudolf, Sina; Kreuz, Felix; Juraschek, Max; Herrmann, Christoph; Clausen, Uwe (2023): Resilience of Urban Factories and Their Supply Chains – Identification of Indicators and Recommendations for Increasing Resilience. In: Uwe Clausen und Marius Dellbrügge (Hg.): Advances in Resilient and Sustainable Transport. Cham: Springer International Publishing (Lecture Notes in Logistics), S. 293–305.	2023	Chapter	/	Concept development	Not further Specified	Urban Industries	Proximity	Inferred
MEN-PRO-A S-2023	Mennenga, Mark; Siemon, Lukas; Rudolf, Sina (2023): A System of Systems Approach to Support the Sustainable Integration of Factories into Urban Areas. In: Procedia CIRP 116, S. 708–713. DOI: 10.1016/j.procir.2023.02.119.	2023	Chapter	/	Framework Development	Not further Specified	Urban Industries	Urban Synergies	Referenced
RUD-PRO-INF-2023	Rudolf, Sina; Dellbrügge, Marius; Kreuz, Felix; Juraschek, Max; Mennenga, Mark; Clausen, Uwe; Herrmann, Christoph (2023): Influencing Factors of Urban Factories and Their Products for Sustainable Urban Development. In: Procedia CIRP 116, S. 167–172. DOI: 10.1016/j.procir.2023.02.029.	2023	Proceeding	/	Assessment model development	Not further Specified	Urban Industries	Urban Synergies	Referenced
GRO-URB-REG-2023	Grodach, Carl; Taylor, Liz; Martin, Declan; Hurley, Joe (2023): Regulating Sustainable Production. In: UP 8 (4). DOI: 10.17645/up.v8i4.7024.	2023	Proceeding	Australia	Document Analysis, Interviews	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Direct
HEA-URB-URB-2023	Hearn, Greg; Foth, Marcus; Camelo-Herrera, Diego; Caldwell, Glenda Amayo (2023): Urban Revitalisation Between Artisanal Craft and Green Manufacturing: The Case of Brisbane's Northgate Industrial Precinct. In: UP 8 (4). DOI: 10.17645/up.v8i4.7138.	2023	Article	Australia	Case Study	Not further Specified	Urban Industries	/	Inferred
ELW-BUI-CIR-2023	Elwakil, Reham; Schroder, Ingrid; Steemers, Koen (2023): Circular Maker Cities: Maker Space Typologies and Circular Urban Design. In: Buildings 13 (11), S. 2894. DOI: 10.3390/buildings13112894.	2023	Chapter	Europe	Typology, Case Studies	Resource efficiency	Urban Manufacturers	Urban Synergies	Direct
IJA-PRO-PRO-2023	Ijassi, Walid; Evrard, Damien; Zwolinski, Peggy (2023): Proposal of a circularity design approach for urban factories based on local stakeholders' engagement. In: Procedia CIRP 116, S. 13–18. DOI: 10.1016/j.procir.2023.02.003.	2023	Article	France	Design Approach	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity	Referenced
MEY-URB-NEX-2023	Meyer, Kerstin (2023): Next Generation Small Urban Manufacturing: Apprentices' Perspective on Location Factors, Mixed-Use, and Shared Spaces. In: UP 8 (4). DOI: 10.17645/up.v8i4.7040.	2023	Proceeding	Germany	Survey	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries, Urban Manufacturers	Proximity	Referenced
CAR-AGR-IMP-2023	Carotti, Laura; Pistillo, Alessandro; Zauli, Ilaria; Meneghello, Davide; Martin, Michael; Pennisi, Giuseppina et al. (2023): Improving water use efficiency in vertical farming: Effects of growing systems, far-red radiation and planting density on lettuce cultivation. In: Agricultural Water Management 285, S. 108365. DOI: 10.1016/j.agwat.2023.108365.	2023	Chapter	Italy	Experiment	Resource Efficiency, Space Efficiency	Urban Agriculture	Proximity	Direct
ANT-EKO-`P-2023	Antczak, Elżbieta; Rzeńca, Agnieszka; Sobol, Agnieszka (2023): "Productive Cities" in Poland – A comparative analysis based on an aggregate measure of development. In: EIS 86 (3), S. 312–333. DOI: 10.34659/eis.2023.86.3.643.	2023	Article	Poland	Indicator based analysis	Carbon Efficiency, Resource Efficiency	All	Proximity, Urban Synergies	Referenced
LAM-ANT-ETH-2023	Lambert, Sandrine (2023): Ethnographie en période de pandémie et mobilisation des Coronavirus Makers à Barcelone : Le fleurissement	2023	Chapter	Spain	Ethnography	Resource Efficiency	Urban Manufacturers	/	Direct

	des solidarités imprromptues. In: anthropologica 65 (1). DOI: 10.18357/ANTHROPOLOGICA65120232607.									
FER-URB-HYP-2023	Ferm, Jessica (2023): Hyper-Competitive Industrial Markets: Implications for Urban Planning and the Manufacturing Renaissance. In: UP 8 (4). DOI: 10.17645/up.v8i4.7114.	2023	Chapter	United Kingdom	Case Study	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries	Proximity	Direct	
BAL-SMA-URB-2023	Ball, Peter; Badakhshan, Ehsan (2023): Urban Food Production Digital Twin: Opportunities and Challenges. In: Steffen G. Scholz, Robert J. Howlett und Rossi Setchi (Hg.): Sustainable Design and Manufacturing, Bd. 338. Singapore: Springer Nature Singapore (Smart Innovation, Systems and Technologies), S. 331–340.	2023	Chapter	United Kingdom	Modeling	Carbon Efficiency, Resource Efficiency	Urban Manufacturers	Proximity, Urban Synergies	Referenced	
MAR-INT-RES-2023	Martin, Declan; Grodach, Carl (2023): RESILIENCE AND ADAPTATION IN GENTRIFYING URBAN INDUSTRIAL DISTRICTS : The Experience of Cultural Manufacturers in San Francisco and Melbourne. In: Int J Urban Regional Res 47 (4), S. 625–644. DOI: 10.1111/1468-2427.13175.	2023	Chapter	United States, Canada	Case Study	Resource Efficiency, Space Efficiency	Urban Manufacturers	Urban Synergies	Direct	
HIL-PIC-OPE-2022	Hildebrandt, Lennart; Moritz, Manuel; Redlich, Tobias; Wulfsberg, Jens P. (2022): Open Source Hardware and Decentralized Urban Production for Urgently Needed Products during the COVID-19 Pandemic. In: 2022 Portland International Conference on Management of Engineering and Technology (PICMET). 2022 Portland International Conference on Management of Engineering and Technology (PICMET). Portland, OR, USA, 07.08.2022 - 11.08.2022: IEEE, S. 1–10.	2022	Proceeding	/	/	/	/	/	/	
ZHA-J. -A N-2022	Zhang, Yong; Zhang, Yu-kun; Li, Zhe (2022): A new and improved aquaponics system model for food production patterns for urban architecture. In: Journal of Cleaner Production 342, S. 130867. DOI: 10.1016/j.jclepro.2022.130867.	2022	Proceeding	/	Technology Development	Carbon Efficiency, Resource Efficiency	Urban Agriculture	/	Direct	
SAJ-SUS-A C-2022	Sajadieh, Seyed Mohammad Mehdi; Son, Yoo Ho; Noh, Sang Do (2022): A Conceptual Definition and Future Directions of Urban Smart Factory for Sustainable Manufacturing. In: Sustainability 14 (3), S. 1221. DOI: 10.3390/su14031221.	2022	Proceeding	/	Concept development, Literature Review	Carbon Efficiency	Urban Industries	Proximity	Referenced	
KRE-LEC-THE-2022	Krenz, Pascal; Stoltenberg, Lisa; Markert, Julia; Saubke, Dominik; Redlich, Tobias (2022): The Phenomenon of Local Manufacturing: An Attempt at a Differentiation of Distributed, Re-distributed and Urban Manufacturing. In: Ann-Louise Andersen, Rasmus Andersen, Thomas Ditlev Brunoe, Maria Stoettrup Schioenning Larsen, Kjeld Nielsen, Alessia Napoleone und Stefan Kjeldgaard (Hg.): Towards Sustainable Customization: Bridging Smart Products and Manufacturing Systems. Cham: Springer International Publishing (Lecture Notes in Mechanical Engineering), S. 1014–1022.	2022	Chapter	/	Content Analysis	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced	
KRE-PRO-TOW-2022	Krenz, Pascal; Saubke, Dominik; Stoltenberg, Lisa; Markert, Julia; Redlich, Tobias (2022): Towards Smaller Value Creation Cycles: Key Factors and their Interdependencies for Local Manufacturing. Unter Mitarbeit von Technische Informationsbibliothek (TIB), David Herberger und Marco Hübner: Hannover : publish-Ing.	2022	Chapter	/	Sensitivity Analysis	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced	
JUR-SUS-SUM-2022	Juraschek, Max (2022): Summary, Current Challenges and Future Research Directions. In: Max Juraschek (Hg.): Analysis and Development of Sustainable Urban Production Systems. Cham:	2022	Chapter	/	Framework Development	Resource Efficiency	Urban Industries	Urban Synergies	Inferred	

	Springer International Publishing (Sustainable Production, Life Cycle Engineering and Management), S. 139–145.									
JUR-SUS-URB-2022	Juraschek, Max (2022): Urban Space, Production Systems and Sustainable Development. In: Max Juraschek (Hg.): Analysis and Development of Sustainable Urban Production Systems. Cham: Springer International Publishing (Sustainable Production, Life Cycle Engineering and Management), S. 7–38.	2022	Chapter	/	Literature Review	Not further Specified	Urban Industries	/	/	
BUR-LEC-SUS-2022	Burggräf, Peter; Dannapfel, Matthias; Uelpenich, Jérôme (2022): Sustainability of Factories in Urban Surroundings Enabled by a Space Efficiency Approach. In: Ann-Louise Andersen, Rasmus Andersen, Thomas Ditlev Brunoe, Maria Stoettrup Schioenning Larsen, Kjeld Nielsen, Alessia Napoleone und Stefan Kjeldgaard (Hg.): Towards Sustainable Customization: Bridging Smart Products and Manufacturing Systems. Cham: Springer International Publishing (Lecture Notes in Mechanical Engineering), S. 987–996.	2022	Chapter	/	Modeling	Resource Efficiency, Space Efficiency	Urban Industries	Proximity	Inferred	
JUR-SUS-EXI-2022	Juraschek, Max (2022): Existing Approaches for Urban Production Systems. In: Max Juraschek (Hg.): Analysis and Development of Sustainable Urban Production Systems. Cham: Springer International Publishing (Sustainable Production, Life Cycle Engineering and Management), S. 39–61.	2022	Chapter	/	Literature Review	Not further Specified	Urban Industries, Urban Manufacturers	Urban Synergies	Inferred	
JUR-SUS-INT-2022	Juraschek, Max (2022): Integrated Concept for Analysis and Development of Sustainable Urban Production Systems. In: Max Juraschek (Hg.): Analysis and Development of Sustainable Urban Production Systems. Cham: Springer International Publishing (Sustainable Production, Life Cycle Engineering and Management), S. 63–114.	2022	Chapter	/	Model development, Urban Production Impact Assessment, Case Study	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries	Urban Synergies	Inferred	
IJA-PRO-CHA-2022	Ijassi, Walid; Evrard, Damien; Zwolinski, Peggy (2022): Characterizing urban factories by their value chain: a first step towards more sustainability in production. In: Procedia CIRP 105, S. 290–295. DOI: 10.1016/j.procir.2022.02.048.	2022	Proceeding	/	Literature Review, Framework Development, Typology	Carbon Efficiency	Urban Industries	Proximity	Referenced	
HIL-PRO-WHA-2022	Hildebrandt, Lennart; Zadow, Svenja; Lange, Luisa; Langhammer, Michel; Moritz, Manuel; Redlich, Tobias; Wulfsberg, Jens P. (2022): What are the Role and Capabilities of Fab Labs as a Contribution to a Resilient City? Insights from the Fab City Hamburg. Unter Mitarbeit von Technische Informationsbibliothek (TIB), David Herberger und Marco Hübner: Hannover : publish-Ing.	2022	Proceeding	/	Literature Review, Interviews, Participant Observations	Not further Specified	Urban Manufacturers	/	/	
BON-CIT-(UN-2022	Bonello, Valentina; Faraone, Claudia; Leoncini, Riccardo; Nicoletto, Luca; Pedrini, Giulio (2022): (Un)making space for manufacturing in the city: The double edge of pro-makers urban policies in Brussels. In: Cities 129, S. 103816. DOI: 10.1016/j.cities.2022.103816.	2022	Chapter	Belgium	Regression, Case Studies	Resource Efficiency, Space Efficiency	Urban Manufacturers	Proximity	Direct	
FEN-LAN-CAR-2022	Feng, Xinhui; Li, Yan; Zhang, Lu; Xia, Chuyu; Yu, Er; Yang, Jiayu (2022): Carbon Metabolism in Urban “Production–Living–Ecological” Space Based on Ecological Network Analysis. In: Land 11 (9), S. 1445. DOI: 10.3390/land11091445.	2022	Chapter	China	Modeling	Carbon Efficiency	Urban Industries	Proximity	Direct	
ZHA-LAN-MIS-2022	Zhang, Congguo; Di Yao; Zhen, Yanlin; Li, Weiwei; Li, Kerun (2022): Mismatched Relationship between Urban Industrial Land Consumption and Growth of Manufacturing: Evidence from the	2022	Proceeding	China	Spatial Analysis	Space Efficiency	Urban Industries	/	Direct	

	Yangtze River Delta. In: Land 11 (9), S. 1390. DOI: 10.3390/land11091390.								
FU-INT-SPA-2022	Fu, Liyuan; Wang, Qing (2022): Spatial and Temporal Distribution and the Driving Factors of Carbon Emissions from Urban Production Energy Consumption. In: International journal of environmental research and public health 19 (19). DOI: 10.3390/ijerph191912441.	2022	Article	China	Quantitative Analysis	Carbon Efficiency	Urban Industries	/	Referenced
ZHA-UNC-INT-2022	Zhang, Hao (2022): Introduction. In: Hao Zhang (Hg.): Reliability Optimization of Urban Logistics Systems. Singapore: Springer Singapore (Uncertainty and Operations Research), S. 1–27.	2022	Proceeding	China	Literature Review	Carbon Efficiency	Urban Industries	Proximity	Inferred
FED-CIT-URB-2022	Fedeli, Valeria; Pacchi, Carolina (2022): Urban and manufacturing after the pandemic, preparing a new ground for the productive city. In: Simonetta Armondi, Alessandro Balducci, Martina Bovo und Beatrice Galimberti (Hg.): Cities Learning from a Pandemic. London: Routledge, S. 130–143.	2022	Chapter	Europe	/	Not further Specified	Urban Industries	/	Referenced
HAU-GEO-URB-2022	Hausleitner, Birgit; Hill, Adrian; Domenech, Teresa; Muñoz Sanz, Victor (2022): Urban Manufacturing for Circularity: Three Pathways to Move from Linear to Circular Cities. In: Libera Amenta, Michelangelo Russo und Arjan van Timmeren (Hg.): Regenerative Territories, Bd. 128. Cham: Springer International Publishing (GeoJournal Library), S. 89–103.	2022	Proceeding	Europe	Case Study	Resource Efficiency	Urban Industries	Urban Synergies	Inferred
DI-SUS-GVC-2022	Di Maria, Eleonora; Micelli, Stefano; Menesello, Luca; Brocca, Selena (2022): GVC-Oriented Policies and Urban Manufacturing: The Role of Cities in Global Value Chains. In: Sustainability 14 (1), S. 478. DOI: 10.3390/su14010478.	2022	Chapter	Europe, North America	Case Study	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries, Urban Manufacturers	Proximity, Urban Synergies	Direct
JUR-SUS-APP-2022	Juraschek, Max (2022): Application of the Integrated Concept for Sustainable Urban Production Systems. In: Max Juraschek (Hg.): Analysis and Development of Sustainable Urban Production Systems. Cham: Springer International Publishing (Sustainable Production, Life Cycle Engineering and Management), S. 115–138.	2022	Chapter	Germany	Case Study	Carbon Efficiency, Resource Efficiency	Urban Industries	Urban Synergies	Direct
JUA-INT-SOL-2022	Juárez-Casildo, Valeria; Cervantes, Ilse; González-Huerta, R. de G. (2022): Solar hydrogen production in urban areas of Mexico: towards hydrogen cities. In: International Journal of Hydrogen Energy 47 (70), S. 30012–30026. DOI: 10.1016/j.ijhydene.2022.06.137.	2022	Article	Mexico	Spatial Analysis	Carbon Efficiency		/	Direct
PEN-J.-LIF-2022	Peña, Alexandra; Rovira-Val, M. Rosa; Mendoza, Joan Manuel F. (2022): Life cycle cost analysis of tomato production in innovative urban agriculture systems. In: Journal of Cleaner Production 367, S. 133037. DOI: 10.1016/j.jclepro.2022.133037.	2022	Proceeding	Spain	Life Cycle Cost Assessment	Carbon Efficiency, Resource Efficiency	Urban Agriculture	Proximity	Referenced
VID-FOO-BIT-2022	Vidal, Leticia; Ares, Gastón; Jaeger, Sara R. (2022): Biterm topic modelling of responses to open-ended questions: A study with US consumers about vertical farming. In: Food Quality and Preference 100, S. 104611. DOI: 10.1016/j.foodqual.2022.104611.	2022	Proceeding	United States	Survey	Carbon Efficiency	Urban Agriculture	Proximity	Direct
GRO-J.-THE-2022	Grodach, Carl (2022): The Institutional Dynamics of Land Use Planning. In: Journal of the American Planning Association 88 (4), S. 537–549. DOI: 10.1080/01944363.2021.2006756.	2022	Proceeding	United States	Interviews, Document Analysis	Not further Specified	Urban Industries	/	Referenced
SCH-CHE-PRI-2021	Schutzbach, Maximilian; Full, Johannes; Kiemel, Steffen; Waltersmann, Lara; Sielaff, Lennard; Miehe, Robert; Sauer, Alexander (2021): Principles and Design Strategies for Ultra-efficient Production Systems in the Process Industry. In: Chemie Ingenieur Technik 93 (11), S. 1781–1791. DOI: 10.1002/cite.202100062.	2021	Proceeding	/	Concept Development, Literature Review	Resource Efficiency	Urban Industries	Urban Synergies	Referenced

TSU-SUS-THE-2021	Tsui, Tanya; Peck, David; Geldermans, Bob; van Timmeren, Arjan (2021): The Role of Urban Manufacturing for a Circular Economy in Cities. In: Sustainability 13 (1), S. 23. DOI: 10.3390/su13010023.	2021	Proceeding	/	Literature Review	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced
HIL-PRO-PRO-2021	Hildebrandt, Lennart; Redlich, Tobias; Wulfsberg, Jens P. (2021): Production Planning And Control In Distributed And Networked Open Production Sites – An Integrative Literature Review. Unter Mitarbeit von Technische Informationsbibliothek (TIB), David Herberger und Marco Hübner: Hannover : publish-Ing.	2021	Proceeding	/	Literature Review	Carbon Efficiency, Resource Efficiency	Urban Manufacturers	Urban Synergies	Inferred
HAU-TRA-DEV-2021	Hauge, Jannicke Baalsrud; Birkie, Seyoum Eshetu; Jeong, Yongkuk (2021): Developing a holistic decision support framework: From production logistics to sustainable freight transport in an urban environment. In: Transportation Research Interdisciplinary Perspectives 12, S. 100496. DOI: 10.1016/j.trip.2021.100496.	2021	Proceeding	/	Literature Review, Modeling	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity	Inferred
GAR-REG-RUR-2021	Garriga, Carlos; Hedlund, Aaron; Tang, Yang; Wang, Ping (2021): Rural-urban migration and house prices in China. In: Regional Science and Urban Economics 91, S. 103613. DOI: 10.1016/j.regsciurbeco.2020.103613.	2021	Proceeding	China	Modeling	/	/	/	/
HUA-FRO-THE-2021	Huang, Can; Li, Xiao-Fan; You, Zhe (2021): The Impacts of Urban Manufacturing Agglomeration on the Quality of Water Ecological Environment Downstream of the Three Gorges Dam. In: Front. Ecol. Evol. 8, Artikel 612883. DOI: 10.3389/fevo.2020.612883.	2021	Proceeding	China	Quantitative Analysis	Other	Urban Industries	/	Direct
FU -SUS-IDE-2021	Fu, Chun; Tu, Xiaoqiang; an Huang (2021): Identification and Characterization of Production–Living–Ecological Space in a Central Urban Area Based on POI Data: A Case Study for Wuhan, China. In: Sustainability 13 (14), S. 7691. DOI: 10.3390/su13147691.	2021	Article	China	Spatial Analysis	Space efficiency	Urban Industries, Urban Manufacturers	/	Inferred
HER-PRO-SYM-2021	Hertwig, Michael; Bogdanov, Ivan; Beckett, Marc; Waltersmann, Lara; Lentjes, Joachim (2021): Symbiotic loss-free industrial production in ultra-efficient urban industrial parks. In: Procedia CIRP 98, S. 637–642. DOI: 10.1016/j.procir.2021.01.167.	2021	Proceeding	Denmark, Germany	Case Study	Resource Efficiency	Urban Industries	Urban Synergies	Direct
DE -CIU-THE-2021	German Presidency of the Council of the European Union (2020): The New Leipzig Charter. The transformative power of cities for the common good.	2021	Chapter	Europe	Concept development	Carbon Efficiency	Urban Manufacturers	Proximity	Inferred
MOE-PRO-PRO-2021	Moerlen, Déborah; Evrard, Damien (2021): Proposal for a procedure to design multipurpose urban factories. In: Procedia CIRP 98, S. 412–417. DOI: 10.1016/j.procir.2021.01.126.	2021	Proceeding	France	Life-Cycle-Assessment, Scenario Analysis	Carbon Efficiency, Space Efficiency	Urban Industries	Proximity	Direct
REI-PRO-SIM-2021	Reineke, Patrick; Geusch, Annika Sophie; Büth, Lennart; Mennenga, Mark; Herrmann, Christoph (2021): Simulation-Based Evaluation Of The Hub-And-Spoke Concept To Support The Centrally Managed Supply Of Urban Factories. Unter Mitarbeit von Technische Informationsbibliothek (TIB), David Herberger und Marco Hübner: Hannover : publish-Ing.	2021	Proceeding	Germany	Simulation, Case Study	Carbon Efficiency	Urban Industries	Proximity	Direct
ROO-URB-POS-2021	Roost, Frank; Jeckel, Elisabeth (2021): Post-Fordist Production and Urban Industrial Land Use Patterns. In: UP 6 (3), S. 321–333. DOI: 10.17645/up.v6i3.4272.	2021	Proceeding	Germany	Survey	Space Efficiency	Urban Industries	Urban Synergies	Direct
HUT-URB-CIT-2021	Hüttenhain, Britta; Kübler, Anna Ilonka (2021): City and Industry: How to Cross Borders? Learning From Innovative Company Site Transformations. In: UP 6 (3), S. 368–381. DOI: 10.17645/up.v6i3.4240.	2021	Proceeding	Germany	Interviews	Resource Efficiency, Space Efficiency	Urban Industries	Proximity, Urban Synergies	Inferred

HER-PRO-APP-2020	Herrmann, Christoph; Büth, Lennart; Juraschek, Max; Abraham, Tim; Schäfer, Lothar (2020): Application of biological transformation to foster positive urban production. In: Procedia CIRP 90, S. 2–9. DOI: 10.1016/j.procir.2020.02.138.	2020	Chapter	/	Concept development	Resource Efficiency	Urban Industries	Urban Synergies	Referenced
RÄœ-PRO-ELE-2020	Rückert, Patrick; Tracht, Kirsten; Wulfsberg, Jens (2020): Elementary systems design for urban production and through life engineering services. In: Procedia Manufacturing 49, S. 38–41. DOI: 10.1016/j.promfg.2020.06.008.	2020	Proceeding	/	Machine Design	Not further Specified	Urban Industries	/	/
DIE-CIT-DES-2020	Diez, T. (2020): Designing Emergent Futures for Productive Cities. In: Robert N. Lane und Nina Rappaort (Hg.): The Design of Urban Manufacturing: Routledge, S. 138–151.	2020	Chapter	/	Concept development	Resource Efficiency	Urban Manufacturers	Urban Synergies	Inferred
MAT-COM-URB-2020	Matt, Dominik T.; Orzes, Guido; Rauch, Erwin; Dallasega, Patrick (2020): Urban production – A socially sustainable factory concept to overcome shortcomings of qualified workers in smart SMEs. In: Computers & Industrial Engineering 139, S. 105384. DOI: 10.1016/j.cie.2018.08.035.	2020	Chapter	/	Concept development	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity	Inferred
HAS-IOP-THE-2020	Hasan, N. A. (2020): The spatial organization strategies of productive cities. In: IOP Conf. Ser.: Mater. Sci. Eng. 881 (1), S. 12021. DOI: 10.1088/1757-899X/881/1/012021.	2020	Proceeding	/	Framework development, Literature Review	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced
PEÄ-INT-A L-2020	Peña, Alexandra; Rovira-Val, M. Rosa (2020): A longitudinal literature review of life cycle costing applied to urban agriculture. In: Int J Life Cycle Assess 25 (8), S. 1418–1435. DOI: 10.1007/s11367-020-01768-y.	2020	Proceeding	/	Literature Review	/	Urban Agriculture	/	/
HER-CIR-URB-2020	Herrmann, Christoph; Juraschek, Max; Burggräf, Peter; Kara, Sami (2020): Urban production: State of the art and future trends for urban factories. In: CIRP Annals 69 (2), S. 764–787. DOI: 10.1016/j.cirp.2020.05.003.	2020	Proceeding	/	Literature Review	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced
YAN-SUS-URB-2020	Yang, Yuanchuan; Zhang, Yukun; Huang, Si (2020): Urban Agriculture Oriented Community Planning and Spatial Modeling in Chinese Cities. In: Sustainability 12 (20), S. 8735. DOI: 10.3390/su12208735.	2020	Proceeding	China	Simulation	Space Efficiency	Urban Agriculture	/	Direct
YU -INT-THE-2020	Yu, Haidong; Zhao, Juanjuan (2020): The Impact of Environmental Conditions on Urban Eco-Sustainable Total Factor Productivity: A Case Study of 21 Cities in Guangdong Province, China. In: International journal of environmental research and public health 17 (4). DOI: 10.3390/ijerph17041329.	2020	Proceeding	China	Case Study	Not further Specified	Urban Industries	/	Direct
BER-INT-EST-2020	Berhe, Amanuel; Bariagabre, Solomon Abera; Balehegn, Mulubrhan (2020): Estimation of greenhouse gas emissions from three livestock production systems in Ethiopia. In: IJCCSM 12 (5), S. 669–685. DOI: 10.1108/IJCCSM-09-2019-0060.	2020	Chapter	Ethiopia	Modeling	Carbon Efficiency	Urban Agriculture	Urban Synergies	Direct
HEN-SUS-SCO-2020	Henrysson, Maryna; Hendrickson, Cary Y. (2021): Scope for Circular Economy Model in Urban Agri-Food Value Chains. In: Ranjula Bali Swain und Susanne Sweet (Hg.): Sustainable Consumption and Production, Volume II. Cham: Springer International Publishing, S. 75–97.	2020	Article	Europe	Literature Review	Carbon Efficiency, Resource Efficiency	Urban Agriculture	Urban Synergies	Referenced
BÄœ-PRO-LIF-2020	Büth, Lennart; Juraschek, Max; Cerdas, Felipe; Herrmann, Christoph (2020): Life cycle inventory modelling framework for symbiotic and	2020	Chapter	Germany	Life-Cycle-Assessment	Resource Efficiency, Space Efficiency	Urban Manufacturers	Urban Synergies	Inferred

	distributed agricultural food production systems. In: Procedia CIRP 90, S. 256–261. DOI: 10.1016/j.procir.2020.01.097.								
CIM-URB-SEN-2020	Cima, Ottavia; Wasilewska, Ewa (2023): Sensing Urban Manufacturing: From Conspicuous to Sensible Production. In: UP 8 (4). DOI: 10.17645/up.v8i4.7272.	2020	Chapter	Switzerland	Sensory methodologies	Carbon Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced
ERD-HEL-CON-2020	Erdin, Ceren; Ozkaya, Gokhan (2020): Contribution of small and medium enterprises to economic development and quality of life in Turkey. In: Heliyon 6 (2), e03215. DOI: 10.1016/j.heliyon.2020.e03215.	2020	Chapter	Turkey	multi criteria decision making method	Not further Specified	Urban Manufacturers	/	/
KEE-CON-BOR-2020	Keeffe, Greg; Roggema, Rob (2020): Born, not Made. Designing the Productive City. In: Rob Roggema (Hg.): Designing Sustainable Cities. Cham: Springer International Publishing (Contemporary Urban Design Thinking), S. 29–52.	2020	Chapter	United Kingdom	Case Study	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries, Urban Agriculture	Urban Synergies	Direct
LOW-ECO-THE-2020	Lowe, Nichola; Vinodrai, Tara (2020): The Maker-Manufacturing Nexus as a Place-Connecting Strategy: Implications for Regions Left Behind. In: Economic Geography 96 (4), S. 315–335. DOI: 10.1080/00130095.2020.1812381.	2020	Chapter	United States	Case Study	Carbon Efficiency, Resource Efficiency	Urban Manufacturers	Proximity	Direct
WIG-SUS-SUB-2020	Wiggins, Z.; Akaeze, O.; Nandwani, D.; Witcher, A. Substrate Properties and Fertilizer Rates on Yield Responses of Lettuce in a Vertical Growth System. Sustainability 2020, 12, 6465. https://doi.org/10.3390/su12166465	2020	Proceeding	United States	Experiment	Space Efficiency	Urban Agriculture	/	Direct
SAF-IOP-INT-2019	Safiullin, Anton; Krasnyuk, Lyudmila; Kapelyuk, Zoya (2019): Integration of Industry 4.0 technologies for “smart cities” development. In: IOP Conf. Ser.: Mater. Sci. Eng. 497, S. 12089. DOI: 10.1088/1757-899X/497/1/012089.	2019	Proceeding	/	Concept development	Not further Specified	Urban Industries	/	/
KRE-URB-URB-2019	Kreuz, Felix; Juraschek, Max; Bucherer, Michael; Söfker-Rieniets, Anne; Spengler, Armin; Clausen, Uwe; Herrmann, Christoph (2020): Urban factories—interdisciplinary perspectives on resource efficiency. In: Urban Freight Transportation Systems: Elsevier, S. 41–52.	2019	Chapter	/	Concept development	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity, Urban Synergies	Referenced
BET-GAI-URB-2019	Betker, Frank; Libbe, Jens (2019): Urbane Produktion: Ökonomischer Impuls, soziale Chance und ökologischer Mehrwert für die Zukunftsstadt. In: GAIA - Ecological Perspectives for Science and Society 28 (3), S. 316–317. DOI: 10.14512/gaia.28.3.14.	2019	Chapter	/	/	/	Urban Manufacturers	Proximity	Referenced
JUR-LEC-URB-2019	Juraschek, Max; Kreuz, Felix; Bucherer, Michael; Spengler, Armin; Thiede, Sebastian; Herrmann, Christoph et al. (2019): Urban Factories – Identification of Measures for Resource-Efficient Integration of Production Systems in Cities. In: Uwe Clausen, Sven Langkau und Felix Kreuz (Hg.): Advances in Production, Logistics and Traffic. Cham: Springer International Publishing (Lecture Notes in Logistics), S. 221–232.	2019	Article	/	Methodology Development	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries	Urban Synergies	Referenced
BAR-LEC-URB-2019	Barni, Andrea; Carpanzano, Emanuele; Landolfi, Giuseppe; Pedrazzoli, Paolo (2019): Urban Manufacturing of Sustainable Customer-Oriented Products. In: Laszlo Monostori, Vidosav D. Majstorovic, S. Jack Hu und Dragan Djurdjanovic (Hg.): Proceedings of the 4th International Conference on the Industry 4.0 Model for Advanced Manufacturing. Cham: Springer International Publishing (Lecture Notes in Mechanical Engineering), S. 128–141.	2019	Chapter	/	Framework development	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Manufacturers	Proximity, Urban Synergies	Inferred
HER-TEC-URB-2019	Herrmann, Christoph; Juraschek, Max; Kara, Sami; Thiede, Sebastian (2019): Urban Factories: Identifying Products for Production in Cities.	2019	Chapter	/	Framework Development,	Carbon Efficiency, Resource Efficiency	Urban Industries	Urban Synergies	Inferred

	In: Allen H. Hu, Mitsutaka Matsumoto, Tsai Chi Kuo und Shana Smith (Hg.): Technologies and Eco-innovation towards Sustainability I. Singapore: Springer Singapore, S. 185–198.				Generic Examples				
SÄ-INV-URB-2019	Avila-Sanchez, Hector (2019): Agricultura Urbana y Periurbana. Reconfiguraciones territoriales y potencialidades en torno a los sistemas alimentarios urbanos. In: Investigaciones Geográficas (98). DOI: 10.14350/ig.59785.	2019	Proceeding	/	Literature Review	Not further Specified	Urban Agriculture	Proximity	Referenced
ABD-PRO-AN -2019	Abdoli, Shiva; Juraschek, Max; Thiede, Sebastian; Kara, Sami; Herrmann, Christoph (2019): An Investigation into Holistic Planning of Urban Factories. In: Procedia CIRP 80, S. 649–654. DOI: 10.1016/j.procir.2019.01.100.	2019	Proceeding	Australia	Modeling	Space Efficiency	Urban Manufacturers	Proximity	Direct
JUR-PRO-LIF-2019	Juraschek, Max; Becker, Marius; Thiede, Sebastian; Kara, Sami; Herrmann, Christoph (2019): Life Cycle Assessment for the comparison of urban and non-urban produced products. In: Procedia CIRP 80, S. 405–410. DOI: 10.1016/j.procir.2019.01.017.	2019	Article	Australia	Life-Cycle-Assessment, Scenario Analysis, Case Study	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries	Urban Synergies	Direct
TÄ-INT-HOW-2019	Tötzer, Tanja; Stollnberger, Romana; Krebs, Roland; Haas, Mara (2019): How can Urban Manufacturing contribute to a more sustainable energy system in cities? International Journal of Sustainable Energy Planning and Management, Vol 24 (2019). DOI: 10.5278/ijsepm.3347.	2019	Proceeding	Austria	Case Study	Carbon Efficiency	Urban Industries	Urban Synergies	Direct
VAN-KNO-'BA-2019	Vandyck, Frederik; Degraeve, Matthijs (2019): 'Baukultur' in Brussels. 20-35 Pages / Bulletin KNOB, Bulletin KNOB 118 (2019) 4. DOI: 10.7480/knob.118.2019.4.4308.	2019	Proceeding	Belgium	Case Study	Carbon Efficiency, Space Efficiency	Urban Manufacturers	Proximity	Inferred
ROE-J. -GEN-2019	Roessler, Regina; Mpouam, Serge E.; Schlecht, Eva (2019): Genetic and nongenetic factors affecting on-farm performance of peri-urban dairy cattle in west Africa. In: Journal of dairy science 102 (3), S. 2353–2364. DOI: 10.3168/jds.2018-15348.	2019	Proceeding	Burkina Faso	Statistical Analysis	/	Urban Agriculture	/	/
ZHE-J. -RIS-2019	Zheng, Tengfei; Zhao, Yao; Li, Jiarong (2019): Rising labour cost, environmental regulation and manufacturing restructuring of Chinese cities. In: Journal of Cleaner Production 214, S. 583–592. DOI: 10.1016/j.jclepro.2018.12.328.	2019	Proceeding	China	Modeling	Other	Urban Industries	/	Direct
LEN-PRO-TOW-2019	Lentes, Joachim; Hertwig, Michael (2019): Towards Ultra-Efficient Industrial Areas. In: Procedia Manufacturing 39, S. 804–813. DOI: 10.1016/j.promfg.2020.01.426.	2019	Chapter	Germany	Workshops, Case Study	Carbon Efficiency, Resource Efficiency	Urban Industries	Urban Synergies	Direct
STI-VDI-THE-2019	Stiehm, S. (2019): Die bewegte Stadt – Freie Fahrt für die urbane Produktion und Logistik. In: 28. Deutscher Materialfluss-Kongress 2019: VDI Verlag, S. 251–260.	2019	Proceeding	Germany	Survey	Carbon Efficiency	Urban Industries	Proximity	Direct
BOL-URB-EME-2019	Boltze, Manfred; Elbert, Ralf; Pfohl, Hans-Christian; Friedrich, Christian (2020): Emerging issues in urban freight transportation systems—introduction and overview of the book. In: Urban Freight Transportation Systems: Elsevier, S. xxv–xxxii.	2019	Chapter	Germany	Literature Review	Carbon Efficiency	Urban Industries	Proximity	Inferred
SO -ARE-INC-2019	So, Jin Kwang (2019): Inclusive growth through Saemaul Undong in Korea. In: Area Development and Policy 4 (4), S. 399–415. DOI: 10.1080/23792949.2018.1549503.	2019	Article	Korea	Case Study	Not further Specified	/	/	/
COR-RES-TRA-2019	Corcelli, F.; Fiorentino, G.; Petit-Boix, A.; Rieradevall, J.; Gabarrell, X. (2019): Transforming rooftops into productive urban spaces in the Mediterranean. An LCA comparison of agri-urban production and	2019	Chapter	Mediterranean Region	Life-Cycle-Assessment	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Agriculture	Urban Synergies	Direct

	photovoltaic energy generation. In: Resources, Conservation and Recycling 144, S. 321–336. DOI: 10.1016/j.resconrec.2019.01.040.									
RAP-THE-PRO-2019	Rappaport, Nina (2020): Production Spaces for Industry 4.0. In: Robert N. Lane und Nina Rappaport (Hg.): The Design of Urban Manufacturing: Routledge, S. 161–170.	2019	Proceeding	North America	Case Study	Space Efficiency	Urban Manufacturers	/	/	
RAP-THE-CON-2019	Rappaport, Nina (2020): Considering Industry as Infrastructure. In: Robert N. Lane und Nina Rappaport (Hg.): The Design of Urban Manufacturing: Routledge, S. 185–202.	2019	Proceeding	North America	Document Analysis	Carbon Efficiency, Space Efficiency	Urban Industries	Proximity	Inferred	
TOB-J. -TOW-2019	Toboso-Chavero, Susana; Nadal, Ana; Petit-Boix, Anna; Pons, Oriol; Villalba, Gara; Gabarrell, Xavier et al. (2019): Towards Productive Cities: Environmental Assessment of the Food-Energy-Water Nexus of the Urban Roof Mosaic. In: Journal of industrial ecology 23 (4), S. 767–780. DOI: 10.1111/jiec.12829.	2019	Proceeding	Spain	Case Study	Carbon Efficiency, Space Efficiency	/	/	Inferred	
NA -THE-PLA-2019	Lane, Robert N.; Rappaport, Nina (2020): Places of Production and Design Strategies. In: Robert N. Lane und Nina Rappaport (Hg.): The Design of Urban Manufacturing: Routledge, S. 243–273.	2019	Proceeding	United States, Europe	Case Study	Not further Specified	Urban Industries	Proximity	Referenced	
DAR-THE-THE-2019	Darling, Naomi (2020): The Potential for the Sustainable Urban Factory. In: Robert N. Lane und Nina Rappaport (Hg.): The Design of Urban Manufacturing: Routledge, S. 135–150.	2019	Chapter	Unites States of America	Case Study	Carbon Efficiency, Resource Efficiency	Urban Industries, Urban Manufacturers	Urban Synergies	Direct	
D'H-THE-CHA-2019	D'Hooghe, A.; Ruthenberg, K.; Lubinsky, A.; van der Grient, P. (2020): Changing Spaces in Urban Manufacturing. In: Robert N. Lane und Nina Rappaport (Hg.): The Design of Urban Manufacturing: Routledge.	2019	Chapter	Unites States of America	Architectural Modeling	Space efficiency	Urban Industries	Urban Synergies	Direct	
BAR-SPR-A D-2018	Barni, Andrea; Corti, Donatella; Pedrazzoli, Paolo; Rovere, Diego (2018): A Digital Fabrication Infrastructure Enabling Distributed Design and Production of Custom Furniture. In: Stephan Hankammer, Kjeld Nielsen, Frank T. Piller, Günther Schuh und Ning Wang (Hg.): Customization 4.0. Cham: Springer International Publishing (Springer Proceedings in Business and Economics), S. 173–190.	2018	Chapter	/	Modeling	Carbon Efficiency	Urban Manufacturers	Proximity	Inferred	
JUR-PRO-URB-2018	Juraschek, Max; Bucherer, Michael; Schnabel, Fabian; Hoffschroer, Holger; Vossen, Benjamin; Kreuz, Felix et al. (2018): Urban Factories and Their Potential Contribution to the Sustainable Development of Cities. In: Procedia CIRP 69, S. 72–77. DOI: 10.1016/j.procir.2017.11.067.	2018	Article	/	Assessment based on Scoring	Other	Urban Industries	Urban Synergies	Inferred	
JUR-PRO-LIF-2018	Juraschek, Max; Becht, Eva Johanna; Büth, Lennart; Thiede, Sebastian; Kara, Sami; Herrmann, Christoph (2018): Life Cycle Oriented Industrial Value Creation in Cities. In: Procedia CIRP 69, S. 94–99. DOI: 10.1016/j.procir.2017.11.069.	2018	Article	Australia	Case Study	Resource Efficiency	Urban Industries	Urban Synergies	Direct	
FAH-NEW-PRO-2018	Fahmy, Bassem; Kamiya, Marco (2019): Productive Urban Development: Linking Planning and Economy in Al-Alamein New City, Egypt. In: Sahar Attia, Zeinab Shafik und Asmaa Ibrahim (Hg.): New Cities and Community Extensions in Egypt and the Middle East. Cham: Springer International Publishing, S. 19–34.	2018	Chapter	Egypt	Spatial Analysis, Case Study	Carbon Efficiency	Urban Agriculture	Proximity, Urban Synergies	Direct	
BEN-INT-URB-2018	Benis, K.; Gashgari, R.; Alsaati, A.; Reinhart, C. (2018): Urban foodprints (UF) – Establishing baseline scenarios for the sustainability assessment of high-yield urban agriculture. In: Int. J. DNE 13 (4), S. 349–360. DOI: 10.2495/DNE-V13-N4-349-360.	2018	Chapter	Saudi Arabia	Urban Footprints Methodology	Carbon Efficiency	Urban Agriculture	Proximity	Direct	
DAS-CAH-MIC-2018	Dasylya, Maurice; Ndour, Ngor; Sambou, Bienvenu; Toussaint Soulard, Christophe (2018): Les micro-exploitations agricoles de	2018	Chapter	Senegal	Case Study	Resource Efficiency	Urban Agriculture	Urban Synergies	Direct	

	plantes aromatiques et médicinales : élément marquant de l'agriculture urbaine à Ziguinchor, Sénégal. In: Cah. Agric. 27 (2), S. 25004. DOI: 10.1051/cagri/2018011.									
LOP-WAT-INT-2018	Lopez, Juan Carlos (2018): Interbasin water transfers and the size of regions: An economic geography example. In: Water Resources and Economics 21, S. 40–54. DOI: 10.1016/j.wre.2017.10.005.	2018	Chapter	United States	Spatial Economic Modeling	Other	Urban Industries, Urban Agriculture	/		Direct
GRO-GLO-SAN-2018	Grodach, Carl; Martin, Declan (2018): San Francisco, United States. In: Sébastien Darchen and Glen Searle (Hg.): Global Planning Innovations for Urban Sustainability: Routledge, S. 164–179.	2018	Proceeding	United States	Case Study	Not further Specified	Urban Industries	/		Referenced
ZEN-J. -A P-2017	Zeng, Xueting; Zhu, Ying; Chen, Cong; Tong, Yufen; Li, Yongping; Huang, Guohe et al. (2017): A production-emission nexus based stochastic-fuzzy model for identification of urban industry-environment policy under uncertainty. In: Journal of Cleaner Production 154, S. 61–82. DOI: 10.1016/j.jclepro.2017.03.137.	2017	Proceeding	China	Modeling	Other	Urban Industries	/		Direct
SIN-ADV-CON-2017	Singh, Satyendra (2017): Conclusion, Opportunities and Challenges. In: T. M. Vinod Kumar (Hg.): Smart Economy in Smart Cities. Singapore: Springer Singapore (Advances in 21st Century Human Settlements), S. 323–328.	2017	Proceeding	Germany	economic value modeling	Not further Specified	Urban Manufacturers	/		/
JUR-PRO-UTI-2017	Juraschek, Max; Herrmann, Christoph; Thiede, Sebastian (2017): Utilizing Gaming Technology for Simulation of Urban Production. In: Procedia CIRP 61, S. 469–474. DOI: 10.1016/j.procir.2016.11.224.	2017	Proceeding	Germany	Game-Based-Simulation	Carbon Efficiency	Urban Industries	Proximity		Direct
SIN-NA-ECO-2017	Singh, Satyendra; Hertwig, Michael; Lentjes, Joachim (2017): Economic Impact of Ultraefficient Urban Manufacturing. In: T. M. Vinod Kumar (Hg.): Smart Economy in Smart Cities. Singapore: Springer Singapore (Advances in 21st Century Human Settlements), S. 273–293.	2017	Proceeding	Germany	Concept Development	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Manufacturers	Proximity		Inferred
SIN-NA-MOR-2017	Singh, Satyendra (2017): Morgenstadt—A German View of the City of the Future. In: T. M. Vinod Kumar (Hg.): Smart Economy in Smart Cities. Singapore: Springer Singapore (Advances in 21st Century Human Settlements), S. 253–272.	2017	Proceeding	Germany	Project Report	Resource Efficiency	Urban Industries, Urban Manufacturers	Urban Synergies		Inferred
LEN-INT-DEV-2017	Lentes, J.; Hertwig, M.; Zimmermann, N.; Mahlau, L.-M. (2018): DEVELOPMENT PATH FOR INDUSTRIAL ENTERPRISES TOWARDS URBAN MANUFACTURING. In: dtetr (icpr). DOI: 10.12783/dtetr/icpr2017/17585.	2017	Chapter	Germany	Roadmap Development	Carbon Efficiency	Urban Industries	Proximity		Inferred
FRE-INT-AN -2017	Freeman, Rachel; McMahon, Chris; Godfrey, Patrick (2017): An exploration of the potential for re-distributed manufacturing to contribute to a sustainable, resilient city. In: International Journal of Sustainable Engineering 10 (4-5), S. 260–271. DOI: 10.1080/19397038.2017.1318969.	2017	Article	United Kingdom	Literature Reviews, Workshops	Carbon Efficiency, Resource Efficiency	Urban Manufacturers	Proximity		Direct
RAP-BUI-HYB-2017	Rappaport, Nina (2017): Hybrid Factory Hybrid City. In: built environ 43 (1), S. 72–86. DOI: 10.2148/benv.63.3.72.	2017	Proceeding	United States	Case Study	Space Efficiency	Urban Industries	Urban Synergies		Direct
REY-BUI-INN-2017	Reynolds, ElisabethB. (2017): Innovation and Production: Advanced Manufacturing Technologies, Trends and Implications for US Cities and Regions. In: built environ 43 (1), S. 25–43. DOI: 10.2148/benv.63.3.25.	2017	Proceeding	United States	Concept development	Carbon Efficiency, Resource Efficiency	Urban Industries	/		Inferred
MON-ENC-SAL-2016	Monaghan, J. M.; Beacham, A. M. (2017): Salad Vegetable Crops. In: Encyclopedia of Applied Plant Sciences: Elsevier, S. 262–267.	2016	Proceeding	/	Review	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Agriculture	/		Inferred

GE-CLI-MUL-2016	Ge, J.; Lei, Y.; Yu, C. (2016): Multiscale input-output subsystem model of methane and nitrous oxide emissions from the service sector: a case study of Beijing, China. In: Clim. Res. 69 (3), S. 247–259. DOI: 10.3354/cr01414.	2016	Proceeding	China	Modeling	Carbon Efficiency	/	Direct	
ULR-ACT-REC-2015	Ulrichs, CH.; Mewis, I. (2015): RECENT DEVELOPMENTS IN URBAN HORTICULTURE - FACTS AND FICTION. In: Acta Hortic. (1099), S. 925–933. DOI: 10.17660/actahortic.2015.1099.118.	2015	Proceeding	/	Literature Review	Carbon Efficiency, Resource Efficiency	Urban Agriculture	Proximity, Urban Synergies	Referenced
ROG-FUT-REI-2015	Roggema, Rob (2015): Reinventing the academic conference: how delegates design productive cities. In: Future of Food: Journal on Food, Agriculture and Society 3 (1), S. 63–78.	2015	Proceeding	Netherlands	Design Approach	Space Efficiency	Urban Agriculture	Urban Synergies	Inferred
PFE-REN-INN-2015	Pfeiffer, Anne; Silva, Erin; Colquhoun, Jed (2015): Innovation in urban agricultural practices: Responding to diverse production environments. In: Renew. Agric. Food Syst. 30 (1), S. 79–91. DOI: 10.1017/S1742170513000537.	2015	Proceeding	United States	Case Study	Resource Efficiency, Space Efficiency	Urban Agriculture	Urban Synergies	Direct
LI-ICS-URB-2014	Li, Feng; Wang, Rusong (2014): Urban Ecological Infrastructure: Challenges, Construction, and Management. In: John Crittenden, Chris Hendrickson und Bill Wallace (Hg.): ICSI 2014. International Conference on Sustainable Infrastructure 2014. Long Beach, California, November 6-8, 2014. Reston, VA: American Society of Civil Engineers, S. 604–608.	2014	Chapter	/	Concept development	Other	/	/	/
PAS-ACT-CHA-2014	Pasquini, M. W.; Weinberger, K.; Assogba-Komlan, F.; Kouamé, C.; Akplogan, F.; Djidji, H. et al. (2014): CHARACTERISING URBAN AND PERI-URBAN PRODUCTION SYSTEMS FOR AFRICAN INDIGENOUS VEGETABLES IN FOUR CITIES IN BENIN AND CÔTE D'IVOIRE. In: Acta Hortic. (1021), S. 137–151. DOI: 10.17660/ActaHortic.2014.1021.12.	2014	Proceeding	Benin, Ivory Coast	Survey	Other	Urban Agriculture	/	/
CHE-ICS-DEC-2014	Chen, Lei; Xu, Linyu; Xu, Qiao; Yang, Zhifeng (2014): Decomposition Analysis of Carbon Emissions and Water Consumption of Urban Manufacturing Industry: A Case in Dalian, China. In: John Crittenden, Chris Hendrickson und Bill Wallace (Hg.): ICSI 2014. International Conference on Sustainable Infrastructure 2014. Long Beach, California, November 6-8, 2014. Reston, VA: American Society of Civil Engineers, S. 538–547.	2014	Chapter	China	Decomposition Analysis	Carbon Efficiency, Resource Efficiency	Urban Industries	/	Direct
JI-FRO-EMB-2014	Ji, Xi; Chen, Zhanming; Li, Jinkai (2014): Embodied energy consumption and carbon emissions evaluation for urban industrial structure optimization. In: Front. Earth Sci. 8 (1), S. 32–43. DOI: 10.1007/s11707-013-0386-7.	2014	Article	China	Input-Output Modeling, Case Study	Carbon Efficiency, Resource Efficiency	Urban Industries	Proximity	Direct
ZHA-REN-CAR-2014	Zhao, Rongqin; Huang, Xianjin; Zhong, Taiyang; Liu, Ying; Chuai, Xiaowei (2014): Carbon flow of urban system and its policy implications: The case of Nanjing. In: Renewable and Sustainable Energy Reviews 33, S. 589–601. DOI: 10.1016/j.rser.2014.02.020.	2014	Proceeding	China	Carbon Flow Analysis, Case Study	Carbon Efficiency	Urban Industries	/	Direct
VAN-HIS-ASH-2014	van Driel, Joppe (2014): Ashes to ashes: the stewardship of waste and economic cycles of agricultural and industrial improvement, 1750–1800. In: History and Technology 30 (3), S. 177–206. DOI: 10.1080/07341512.2014.988426.	2014	Proceeding	Netherlands	Historical Study	Resource Efficiency	Urban Industries	/	Referenced
SPA-INT-URB-2013	Spath, D.; Lentjes, J. (2013): URBAN PRODUCTION TO ADVANCE THE COMPETITIVENESS OF INDUSTRIAL ENTERPRISES. In: 22nd International Conference on Production Research.	2013	Proceeding	/	Interviews	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries	Proximity, Urban Synergies	Direct

GER-FOO-NUT-2013	Gerster-Bentaya, Maria (2013): Nutrition-sensitive urban agriculture. In: Food Sec. 5 (5), S. 723–737. DOI: 10.1007/s12571-013-0295-3.	2013	Proceeding	Global	Literature Review	Resource Efficiency, Space Efficiency	Urban Agriculture	Urban Synergies	Inferred
BOR-ACA-EDI-2012	Borowski, Darrick; Poulimeni, Nikoleta; Janssen, Jeroen (2012): Edible Infrastructures: Emergent Organizational Patterns for the Productive City. In: Jason Johnson, Mark Cabrina und Kyle Steinfeld (Hg.): Proceedings of the 32nd Annual Conference of the Association for Computer Aided Design in Architecture (ACADIA). ACADIA 2012: Synthetic Digital Ecologies. San Francisco (California), USA, 18.10.2012 - 21.10.2012: ACADIA (ACADIA proceedings), S. 511–526.	2012	Chapter	Sweden, United States of America	Modeling, Case Studies	Carbon Efficiency	Urban Agriculture	Proximity	Referenced
KEE-SUS-BI-2012	Keeffe, Greg (2012): Bi-Productive Urban Landscapes: Urban Resilience through a Redevelopment of Postindustrial Space in the United Kingdom. In: Peter Schmuck, Marianne Karpenstein-Machan und André Wüste (Hg.): Initiating and Analyzing Renewable Energy Transitions in Germany: The District, Village, and Farm Scale. 1. Aufl.: CRC Press, S. 285–309.	2012	Chapter	United Kingdom	Case Study	Carbon Efficiency, Resource Efficiency, Space Efficiency	Urban Industries, Urban Agriculture	Urban Synergies	Direct
LEI-J. -SMA-2012	Leigh, Nancey Green; Hoelzel, Nathanael Z. (2012): Smart Growth's Blind Side. In: Journal of the American Planning Association 78 (1), S. 87–103. DOI: 10.1080/01944363.2011.645274.	2012	Chapter	United States	Document Analysis	Carbon Efficiency, Space Efficiency	Urban Industries	Proximity	Referenced
BEN-ASI-INT-2011	Ben, Tai-Ming; Wang, Kuan-fei (2011): Interaction Analysis among Industrial Parks, Innovation Input, and Urban Production Efficiency. In: ASS 7 (5). DOI: 10.5539/ass.v7n5p56.	2011	Chapter	China	Modeling	Efficiency (not further specified)	Urban Industries	Proximity	Direct
LAW-AGR-CHA-2011	Kouloumprouka Zacharakis, Aikaterini; Monaghan, James M.; Bromley, Jennifer R.; Vickers, Laura H. (2024): Opportunities and challenges for strawberry cultivation in urban food production systems. In: Plants People Planet 6 (3), S. 611–621. DOI: 10.1002/ppp3.10475.	2011	Chapter	Nigeria	Interviews	Other	Urban Agriculture	/	Direct
VAN-J. -INC-2011	van Veenhuizen, R. (2011): Inclusive, greenand productive cities. The role of urban agriculture. In: Journal of environmental protection and ecology: official journal of the Balkan Environmental Association 12 (3A), S. 1470–1483.	2011	Proceeding	Turkey	Case Study	Resource Efficiency, Space Efficiency	Urban Agriculture	Proximity, Urban Synergies	Direct
KIM-WIT-REI-2011	Kimball, A. H.; Romano, D. (2012): Reinventing the Brooklyn Navy Yard: a national model for sustainable urban industrial job creation. In: C. Clark und C. A. Brebbia (Hg.): Defence Sites. DEFENCE SITES: HERITAGE AND FUTURE 2012. Portsmouth, UK, 06.06.2012 - 08.06.2012: WIT PressSouthampton, UK (WIT Transactions on The Built Environment), S. 199–206.	2011	Chapter	United States	Case Study	Resource Efficiency	Urban Industries, Urban Manufacturers	Urban Synergies	Direct
ZHE-REG-TOW-2010	Zheng, Siqu; Kahn, Matthew E.; Liu, Hongyu (2010): Towards a system of open cities in China: Home prices, FDI flows and air quality in 35 major cities. In: Regional Science and Urban Economics 40 (1), S. 1–10. DOI: 10.1016/j.regsciurbeco.2009.10.003.	2010	Article	China	Quantitative Analysis	Other	Urban Industries	/	Direct
LIU-ECO-EME-2009	Liu, G. Y.; Yang, Z. F.; Chen, B.; Ulgiati, S. (2009): Emergy-based urban health evaluation and development pattern analysis. In: Ecological Modelling 220 (18), S. 2291–2301. DOI: 10.1016/j.ecolmodel.2009.05.019.	2009	Chapter	China	Emergy evaluation	Other	Urban Industries	/	Direct
DAI-REV-ENV-2008	Daitoh, Ichiroh (2008): Environmental Protection and Trade Liberalization in a Small Open Dual Economy. In: Review Development Economics 12 (4), S. 728–736. DOI: 10.1111/j.1467-9361.2008.00455.x.	2008	Chapter	/	Modeling	Other	Urban Industries	/	Direct

BHA-WIT-REI-2008	Bhatt, V.; Farah, L.; Luka, N.; Wolfe, J. M.; Ayalon, R.; Hautecoeur, I. et al. (2008): Reinstating the roles and places for productive growing in cities. In: C. A. Brebbia, S. Gospodini und E. Tiezzi (Hg.): The Sustainable City V. SUSTAINABLE CITY 2008. Skiathos, Greece, 24.09.2008 - 26.09.2008: WIT PressSouthampton, UK (WIT Transactions on Ecology and the Environment), S. 75–84.	2008	Chapter	Canada	Experiment	Space Efficiency	Urban Agriculture	Urban Synergies	Direct
SIM-ANN-URB-2008	Simon, David (2008): Urban Environments: Issues on the Peri-Urban Fringe. In: Annu. Rev. Environ. Resour. 33 (1), S. 167–185. DOI: 10.1146/annurev.environ.33.021407.093240.	2008	Proceeding	Worldwide	Literature Review	Carbon Efficiency, Resource Efficiency, Space Efficiency	/	/	/
LEO-CHA-IMA-2006	Byster, Leslie A.; Chang, Shenglin; Hawes, Amanda; Tu, Wen-ling; Watterson, Andrew; Smith, Ted et al. (Hg.) (2008): Challenging the Chip: Temple University Press.	2006	Chapter	China	Sectoral Study	Other	/	/	/
YOS-CHA-HIG-2006	Yoshida, Fumikazu (2008): High-Tech Pollution in Japan. In: Leslie A. Byster, Shenglin Chang, Amanda Hawes, Wen-ling Tu, Andrew Watterson, Ted Smith et al. (Hg.): Challenging the Chip: Temple University Press, S. 215–224.	2006	Proceeding	Japan	Case Study	/	Urban Industries	/	Direct
FRA-AGR-RES-2006	Francisco, Sergio R.; Ali, Mubarik (2006): Resource allocation tradeoffs in Manila's peri-urban vegetable production systems: An application of multiple objective programming. In: Agricultural Systems 87 (2), S. 147–168. DOI: 10.1016/j.agsy.2005.01.002.	2006	Chapter	Phillipines	/	/	Urban Agriculture	/	/
BUC-ACT-CON-2005	Buchholz, M.; Jochum, P.; Zaragoza, G. (2005): CONCEPT FOR WATER, HEAT AND FOOD SUPPLY FROM A CLOSED GREENHOUSE - THE WATERGY PROJECT. In: Acta Hortic. (691), S. 509–516. DOI: 10.17660/ActaHortic.2005.691.60.	2005	Chapter	/	Concept development	Carbon Efficiency, Resource Efficiency	Urban Agriculture	Urban Synergies	Inferred
DAI-REV-ENV-2003	Daitoh, Ichiroh (2003): Environmental Protection and Urban Unemployment: Environmental Policy Reform in a Polluted Dualistic Economy. In: Review Development Economics 7 (3), S. 496–509. DOI: 10.1111/1467-9361.00205.	2003	Chapter	/	Modeling	Other	Urban Industries	/	Direct
MID-FOO-SUP-2003	Midmore, D. J.; Jansen, H.G.P. (2003): Supplying vegetables to Asian cities: is there a case for peri-urban production? In: Food Policy 28 (1), S. 13–27. DOI: 10.1016/S0306-9192(02)00067-2.	2003	Proceeding	Asia	Literature Review	Carbon Efficiency, Resource Efficiency	Urban Agriculture	Proximity	Inferred
JAN-NET-PRO-1996	Jansen, H.G.P.; Midmore, D. J.; Binh, P. H.; Valasayya, S.; Tru, L. C. (1996): Profitability and sustainability of peri-urban vegetable production systems in Vietnam. In: NJAS 44 (2), S. 125–143. DOI: 10.18174/njas.v44i2.552.	1996	Article	Vietnam	Case Study	Other	Urban Agriculture	Proximity	Direct
MAL-NA-BUI-1993	Maldonado, Carlos (1993): Building networks: an experiment in support to small urban producers in Benin. In: International labour review 132 (2), S. 245–264.	1993	Chapter	Benin	Experiment	Other	Urban Manufacturers	/	/