

Publication Year	Author	Title	Publication Title	DOI	URL
2024	Ajdinović, Samed; Strijic, Matthias; Lechler, Armin; Riedel, Oliver	Interoperable Digital Product Passports: An Event-Based Approach to Aggregate Production Data to Improve Sustainability and Transparency in the Manufacturing Industry	2024 IEEE/SICE International Symposium on System Integration (SII)	10.1109/SII58957.2024.10417487	<a href="https://ieeexplore.ieee.org/document/10417487">https://ieeexplore.ieee.org/document/10417487</a>
2023	Bär, Martin Alejandro; Colombo, Armando Walter; Torres, José Luis; Fernández, Erica; Rico, Mariela; Callusco, Maria Laura	An Industry 4.0-Compliant Digital Product Passport Approach for Realising Dairy Product Traceability	IECON 2023- 49th Annual Conference of the IEEE Industrial Electronics Society	10.1109/IECON51785.2023.10312481	<a href="https://ieeexplore.ieee.org/document/10312481?ar_number=10312481">https://ieeexplore.ieee.org/document/10312481?ar_number=10312481</a>
2022	Berger, K.; Schöggel, J.-P.; Baumgartner, R.J.	Digital battery passports to enable circular and sustainable value chains: Conceptualization and use cases	Journal of Cleaner Production	10.1016/j.jclepro.2022.131492	<a href="https://www.sciencedirect.com/science/article/pii/S0959652622011131">https://www.sciencedirect.com/science/article/pii/S0959652622011131</a>
2023	Berger, Katharina; Baumgartner, Rupert J.; Weinzerl, Martin; Bachler, Johann; Schöggel, Josef-Peter	Factors of digital product passport adoption to enable circular information flows along the battery value chain	Procedia CIRP	10.1016/j.procir.2023.02.089	<a href="https://www.sciencedirect.com/science/article/pii/S2212827123000896">https://www.sciencedirect.com/science/article/pii/S2212827123000896</a>
2023	Berger, Katharina; Rusch, Magdalena; Pohlmann, Antonia; Popowicz, Martin; Geiger, Bernhard C.; Gursch, Heimo; Schöggel, Josef-Peter; Baumgartner, Rupert J.	Confidentiality-preserving data exchange to enable sustainable product management via digital product passports - a conceptualization.	Procedia CIRP	10.1016/j.procir.2023.02.060	<a href="https://www.sciencedirect.com/science/article/pii/S2212827123000410">https://www.sciencedirect.com/science/article/pii/S2212827123000410</a>
2023	Boukhatmi, Assia; Nyffenegger, Roger; Grösser, Stefan N.	Designing a digital platform to foster data-enhanced circular practices in the European solar industry	Journal of Cleaner Production	10.1016/j.jclepro.2023.137992	<a href="https://www.sciencedirect.com/science/article/pii/S0959652623021509">https://www.sciencedirect.com/science/article/pii/S0959652623021509</a>
2024	Canciani, Andrea; Felicioli, Claudio; Severino, Fabio; Tortola, Domenico	Enhancing Supply Chain Transparency through Blockchain Product Passports	2024 IEEE International Conference on Pervasive Computing and Communications Workshops and other Affiliated Events (PerCom Workshops)	10.1109/PerComWorkshops59983.2024.10502429	<a href="https://ieeexplore.ieee.org/document/10502429">https://ieeexplore.ieee.org/document/10502429</a>
2024	Chaudhuri, Atanu; Währens, Brian Vejrum; Treiblmaier, Horst; Jensen, Steffen Foldager	Impact pathways: digital product passport for embedding circularity in electronics supply chains	International Journal of Operations & Production Management	10.1108/IJOPM-01-2024-0012	<a href="https://www.emerald.com/insight/content/doi/10.1108/ijopm-01-2024-0012/full/html">https://www.emerald.com/insight/content/doi/10.1108/ijopm-01-2024-0012/full/html</a>
2024	García, Ismael Illán; Muñoz-Escófi, Francisco D.; Arco, Jordi Arjona; Peñuela, F. Javier Fernández Bravo	Digital Product Passport Management with Decentralised Identifiers and Verifiable Credentials	arXiv	10.48550/arXiv.2410.15758	<a href="http://arxiv.org/abs/2410.15758">http://arxiv.org/abs/2410.15758</a>
2025	Gieß, Anna; Möller, Frederik	Exploring the value ecosystem of digital product passports	Journal of Industrial Ecology	10.1111/jiec.13621	<a href="https://onlinelibrary.wiley.com/doi/full/10.1111/jiec.13621">https://onlinelibrary.wiley.com/doi/full/10.1111/jiec.13621</a>
2024	Gleich, Kevin; Behrendt, Sebastian; Hörger, Moritz; Benfer, Martin; Lanza, Gisela	An Asset Administration Shell-Based Digital Product Passport as a Gaia-X Service	Procedia CIRP	10.1016/j.procir.2024.07.039	<a href="https://www.sciencedirect.com/science/article/pii/S2212827124003482">https://www.sciencedirect.com/science/article/pii/S2212827124003482</a>
2024	Haupt, Johanna; Cerdas, Felipe; Herrmann, Christoph	Derivation of requirements for life cycle assessment-related information to be integrated in digital battery passports	Procedia CIRP	10.1016/j.procir.2024.01.044	<a href="https://www.sciencedirect.com/science/article/pii/S2212827124000659">https://www.sciencedirect.com/science/article/pii/S2212827124000659</a>
2024	Heeß, P.; Rockstuhl, J.; Körner, M.-F.; Strüker, J.	Enhancing trust in global supply chains: Conceptualizing Digital Product Passports for a low-carbon hydrogen market	Electronic Markets	10.1007/s12525-024-00690-7	<a href="https://link.springer.com/article/10.1007/s12525-024-00690-7">https://link.springer.com/article/10.1007/s12525-024-00690-7</a>
2023	Jensen, Steffen Foldager; Kristensen, Jesper Hemdrup; Adamsen, Sofie; Christensen, Andreas; Währens, Brian Vejrum	Digital product passports for a circular economy: Data needs for product life cycle decision-making	Sustainable Production and Consumption	10.1016/j.spc.2023.02.021	<a href="https://www.sciencedirect.com/science/article/pii/S2352550923000441">https://www.sciencedirect.com/science/article/pii/S2352550923000441</a>
2024	Jensen, Steffen Foldager; Kristensen, Jesper Hemdrup; Christensen, Andreas; Währens, Brian Vejrum	An ecosystem orchestration framework for the design of digital product passports in a circular economy	Business Strategy and the Environment	10.1002/bse.3868	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/bse.3868">https://onlinelibrary.wiley.com/doi/abs/10.1002/bse.3868</a>
2024	Jung, Jieun; Jeong, EunA; Song, Byunghun; Watson, Kym	Generate Digital Product Passports by Integrating Production Data into the Asset Administration Shell	2024 IEEE 29th International Conference on Emerging Technologies and Factory Automation (ETFA)	10.1109/ETFA61755.2024.10711027	<a href="https://ieeexplore.ieee.org/document/10711027">https://ieeexplore.ieee.org/document/10711027</a>
2023	King, Melanie R. N.; Timms, Paul D.; Mountney, Sara	A proposed universal definition of a Digital Product Passport Ecosystem (DPPE): Worldviews, discrete capabilities, stakeholder requirements and concerns	Journal of Cleaner Production	10.1016/j.jclepro.2022.135538	<a href="https://www.sciencedirect.com/science/article/pii/S0959652622051125">https://www.sciencedirect.com/science/article/pii/S0959652622051125</a>
2023	Langley, David J.; Rosca, Eugenia; Angelopoulos, Marios; Kamminga, Oscar; Hooijer, Christa	Orchestrating a smart circular economy: Guiding principles for digital product passports	Journal of Business Research	10.1016/j.jbusres.2023.114259	<a href="https://www.sciencedirect.com/science/article/pii/S0148296323006185">https://www.sciencedirect.com/science/article/pii/S0148296323006185</a>
2023	Nowacki, Szymon; Sisik, Gokay Meric; Angelopoulos, Constantinos Marios	Digital Product Passports: Use Cases Framework and Technical Architecture Using DLT and Smart Contracts	2023 19th International Conference on Distributed Computing in Smart Systems and the Internet of Things (DCOSS-IoT)	10.1109/DCOSS-IoT58021.2023.00067	<a href="https://ieeexplore.ieee.org/document/10257215?ar_number=10257215">https://ieeexplore.ieee.org/document/10257215?ar_number=10257215</a>
2024	Plociennik, Christiane; Nazeri, Ali; Rimaz, Mohammad Hossein; Knetsch, Svenja; Lopes, Alice do Carmo Preci; Hagedorn, Tabaea; Baehr, Julian; Vogelgesang, Malte; Li, Chanchan; Benner, Wladislaw; Kellerer, Bernd; Ionescu, Emanuel; Ruskowski, Martin; Weidenkaff, Anke	Connecting Producers and Recyclers: A Digital Product Passport Concept and Implementation Suitable for End-of-Life Management	Procedia CIRP	10.1016/j.procir.2024.02.026	<a href="https://www.sciencedirect.com/science/article/pii/S2212827124001549">https://www.sciencedirect.com/science/article/pii/S2212827124001549</a>
2022	Plociennik, Christiane; Pourjafarian, Monireh; Saleh, Shehab; Hagedorn, Tabaea; Carmo Preci Lopes, Alice do; Vogelgesang, Malte; Baehr, Julian; Kellerer, Bernd; Jansen, Malke; Berg, Holger; Ruskowski, Martin; Schebek, Liselotte; Ciroth, Andreas	Requirements for a Digital Product Passport to Boost the Circular Economy	Proceedings: Lecture Notes in Informatics (LNI), P-326: INFORMATIK 2022: Informatik in den Naturwissenschaften.	10.18420/inf2022_127	<a href="https://dl.gi.de/handle/20.500.12116/39501">https://dl.gi.de/handle/20.500.12116/39501</a>
2024	Pohlmann, Antonia; Popowicz, Martin; Schöggel, Josef-Peter; Bachler, Johann; Keler, Jakob; Baumgartner, Rupert J.	Conceptualization of a digital product passport to enable circular and sustainable automotive value chains – the combustion engine use case	Procedia CIRP	10.1016/j.procir.2024.01.025	<a href="https://www.sciencedirect.com/science/article/pii/S2212827124000416">https://www.sciencedirect.com/science/article/pii/S2212827124000416</a>
2024	Popowicz, Martin; Pohlmann, Antonia; Schöggel, Josef-Peter; Baumgartner, Rupert J.	Circular and sustainable battery design – The case of digital product passports as information providers during the design phase	Procedia CIRP	10.1016/j.procir.2024.03.031	<a href="https://www.sciencedirect.com/science/article/pii/S2212827124006954">https://www.sciencedirect.com/science/article/pii/S2212827124006954</a>
2023	Pourjafarian, Monireh; Plociennik, Christiane; Rimaz, Mohammad Hossein; Stein, Peter; Vogelgesang, Malte; Li, Chanchan; Knetsch, Svenja; Bergweiler, Simon; Ruskowski, Martin	A Multi-Stakeholder Digital Product Passport Based on the Asset Administration Shell	2023 IEEE 28th International Conference on Emerging Technologies and Factory Automation (ETFA)	10.1109/ETFA54631.2023.10275715	<a href="https://ieeexplore.ieee.org/document/10275715?ar_number=10275715">https://ieeexplore.ieee.org/document/10275715?ar_number=10275715</a>
2024	Redeker, Magnus; Simikin, Sven; Marek, Frank	Towards a Stateless Cloud Native and Cloud Agnostic Digital Twin Platform for the Digital Product Passport: Out-of-the-box, Reliable, and Scaling	2024 IEEE 29th International Conference on Emerging Technologies and Factory Automation (ETFA)	10.1109/ETFA61755.2024.10710875	<a href="https://ieeexplore.ieee.org/document/10710875?ar_number=10710875">https://ieeexplore.ieee.org/document/10710875?ar_number=10710875</a>
2024	Reich, René H.; Alaerts, Luc; Van Acker, Karel	Towards a service-oriented architecture for information systems in the circular economy	Procedia CIRP	10.1016/j.procir.2024.02.020	<a href="https://www.sciencedirect.com/science/article/pii/S2212827124001276">https://www.sciencedirect.com/science/article/pii/S2212827124001276</a>
2023	Stratmann, Lukas; Hoeborn, Gerrit; Pahl, Christoph; Schuh, Günther	Classification of product data for a Digital Product Passport in the manufacturing industry	Proceedings of the Conference on Production Systems and Logistics: CPSL 2023	10.15488/13463	<a href="https://repo.uni-hannover.de/handle/123456789/13573">https://repo.uni-hannover.de/handle/123456789/13573</a>
2023	Szaller, Ádám; Gallina, Viola; Gal, Barna; Gaal, Alexander; Fries, Christian	Quantitative benefits of the digital product passport and data sharing in remanufacturing	Procedia CIRP	10.1016/j.procir.2023.09.102	<a href="https://www.sciencedirect.com/science/article/pii/S221282712300834X">https://www.sciencedirect.com/science/article/pii/S221282712300834X</a>
2023	Timms, Paul D; King, Melanie R N	Complexity in the delivery of product passports: a system of systems approach to passport lifecycles	2023 18th Annual System of Systems Engineering Conference (SoSe)	10.1109/SoSE59841.2023.10178575	<a href="https://ieeexplore.ieee.org/document/10178575?ar_number=10178575">https://ieeexplore.ieee.org/document/10178575?ar_number=10178575</a>
2023	Voulgaridis, Konstantinos; Lagkas, Thomas; Karampatzakis, Dimitris; Argyriou, Vasileios; Sarigiannidis, Panagiotis	Realizing Digital Product Passports with Crowdsourcing Principles: The Case of Sustainable Smart Grids	2023 19th International Conference on Distributed Computing in Smart Systems and the Internet of Things (DCOSS-IoT)	10.1109/DCOSS-IoT58021.2023.00068	<a href="https://ieeexplore.ieee.org/document/10257226?ar_number=10257226">https://ieeexplore.ieee.org/document/10257226?ar_number=10257226</a>
2021	Walden, Joerg; Steinbrecher, Angelika; Marinkovic, Maroye	Digital Product Passports as Enabler of the Circular Economy	Chemie Ingenieur Technik	10.1002/cite.202100121	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/cite.202100121">https://onlinelibrary.wiley.com/doi/abs/10.1002/cite.202100121</a>
2024	Zhang, Abraham; Seuring, Stefan	Digital product passport for sustainable and circular supply chain management: a structured review of use cases	International Journal of Logistics Research and Applications	10.1080/13675567.2024.2374256	<a href="https://doi.org/10.1080/13675567.2024.2374256">https://doi.org/10.1080/13675567.2024.2374256</a>