

Ruud Balkenende

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

868
citations

687363

13
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the potential of additive manufacturing for product design in a circular economy. Journal of Cleaner Production, 2019, 226, 1138-1149.	9.3	133
2	Why Do Companies Pursue Collaborative Circular Oriented Innovation?. Sustainability, 2019, 11, 635.	3.2	120
3	Opportunities and challenges in IoT-enabled circular business model implementation – A case study. Resources, Conservation and Recycling, 2020, 162, 105047.	10.8	90
4	Circular Strategies Enabled by the Internet of Things – A Framework and Analysis of Current Practice. Sustainability, 2019, 11, 5689.	3.2	76
5	Circular Economy Competencies for Design. Sustainability, 2020, 12, 1561.	3.2	62
6	How Do Companies Collaborate for Circular Oriented Innovation?. Sustainability, 2020, 12, 1648.	3.2	52
7	The Role of Product Design in Creating Circular Business Models: A Case Study on the Lease and Refurbishment of Baby Strollers. Sustainability, 2018, 10, 2415.	3.2	48
8	A tool for collaborative circular proposition design. Journal of Cleaner Production, 2021, 297, 126354.	9.3	40
9	Key Competencies for Design in a Circular Economy: Exploring Gaps in Design Knowledge and Skills for a Circular Economy. Sustainability, 2021, 13, 776.	3.2	40
10	Structural reuse of high end composite products: A design case study on wind turbine blades. Resources, Conservation and Recycling, 2021, 167, 105393.	10.8	39
11	Challenges and solutions in condition-based maintenance implementation - A multiple case study. Journal of Cleaner Production, 2021, 296, 126420.	9.3	34
12	Practices of fault diagnosis in household appliances: Insights for design. Journal of Cleaner Production, 2020, 265, 121812.	9.3	17
13	Incorporating design for remanufacturing in the early design stage: a design management perspective. Journal of Remanufacturing, 2021, 11, 25-48.	2.7	16
14	Structural reuse of wind turbine blades through segmentation. Composites Part C: Open Access, 2021, 5, 100137.	3.2	16
15	Reprintable Paste-Based Materials for Additive Manufacturing in a Circular Economy. Sustainability, 2020, 12, 8032.	3.2	14
16	Circular Design of Composite Products: A Framework Based on Insights from Literature and Industry. Sustainability, 2021, 13, 7223.	3.2	11
17	An Innovative Route to Circular Rigid Plastics. Sustainability, 2019, 11, 6284.	3.2	9
18	Quantifying the Net Environmental Impact of Using IoT to Support Circular Strategies – The Case of Heavy-Duty Truck Tires in Sweden. Circular Economy and Sustainability, 2021, 1, 613-650.	5.5	8

#	ARTICLE	IF	CITATIONS
19	The strategic value of design for remanufacturing: a case study of professional imaging equipment. <i>Journal of Remanufacturing</i> , 2022, 12, 187-212.	2.7	8
20	Design Aspects in Repairability Scoring Systems: Comparing Their Objectivity and Completeness. <i>Sustainability</i> , 2022, 14, 8634.	3.2	8
21	Design for product integrity in a Circular Economy. , 2018, , 148-156.		7
22	Circular Product Design: Addressing Critical Materials through Design. <i>World Scientific Series in Current Energy Issues</i> , 2019, , 179-192.	0.1	7
23	Faults in consumer products are difficult to diagnose, and design is to blame: A user observation study. <i>Journal of Cleaner Production</i> , 2021, 319, 128741.	9.3	6
24	Design for the Circular Economy. , 2017, , 498-513.		5
25	Circular Composites by Design: Testing a Design Method in Industry. <i>Sustainability</i> , 2022, 14, 7993.	3.2	2
26	How User Manuals Support the Diagnosis of Common Faults in Household Appliances: an Analysis of 150 Manuals. <i>Circular Economy and Sustainability</i> , 2023, 3, 535-555.	5.5	0