

# Ruud Balkenende

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12194178/publications.pdf>

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  | 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         |
| 2  | 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         |
| 3  | Circular Composites by Design: Testing a Design Method in Industry. <i>Sustainability</i> , 2022, 14, 7993.   | 3.2  | 2         |
| 4  | Design Aspects in Repairability Scoring Systems: Comparing Their Objectivity and Completeness. <i>Sustainability</i> , 2022, 14, 8634.  | 3.2  | 8         |
| 5  | Incorporating design for remanufacturing in the early design stage: a design management perspective. <i>Journal of Remanufacturing</i> , 2021, 11, 25-48.   | 2.7  | 16        |
| 6  | Structural reuse of high end composite products: A design case study on wind turbine blades. <i>Resources, Conservation and Recycling</i> , 2021, 167, 105393.                                      | 10.8 | 39        |
| 7  | A tool for collaborative circular proposition design. <i>Journal of Cleaner Production</i> , 2021, 297, 126354.   | 9.3  | 40        |
| 8  | Quantifying the Net Environmental Impact of Using IoT to Support Circular Strategiesâ€”The Case of Heavy-Duty Truck Tires in Sweden. <i>Circular Economy and Sustainability</i> , 2021, 1, 613-650. | 5.5  | 8         |
| 9  | Challenges and solutions in condition-based maintenance implementation - A multiple case study. <i>Journal of Cleaner Production</i> , 2021, 296, 126420.   | 9.3  | 34        |
| 10 | Circular Design of Composite Products: A Framework Based on Insights from Literature and Industry. <i>Sustainability</i> , 2021, 13, 7223.  | 3.2  | 11        |
| 11 | Structural reuse of wind turbine blades through segmentation. <i>Composites Part C: Open Access</i> , 2021, 5, 100137.  | 3.2  | 16        |
| 12 | 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         |
| 13 | Key Competencies for Design in a Circular Economy: Exploring Gaps in Design Knowledge and Skills for a Circular Economy. <i>Sustainability</i> , 2021, 13, 776.                                     | 3.2  | 40        |
| 14 | Opportunities and challenges in IoT-enabled circular business model implementation â€” A case study. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105047.                              | 10.8 | 90        |
| 15 | Reprintable Paste-Based Materials for Additive Manufacturing in a Circular Economy. <i>Sustainability</i> , 2020, 12, 8032.   | 3.2  | 14        |
| 16 | How Do Companies Collaborate for Circular Oriented Innovation?. <i>Sustainability</i> , 2020, 12, 1648.   | 3.2  | 52        |
| 17 | Circular Economy Competencies for Design. <i>Sustainability</i> , 2020, 12, 1561.   | 3.2  | 62        |
| 18 | Practices of fault diagnosis in household appliances: Insights for design. <i>Journal of Cleaner Production</i> , 2020, 265, 121812.  | 9.3  | 17        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Circular Strategies Enabled by the Internet of Things – A Framework and Analysis of Current Practice. Sustainability, 2019, 11, 5689.                           | 3.2 | 76        |
| 20 | Exploring the potential of additive manufacturing for product design in a circular economy. Journal of Cleaner Production, 2019, 226, 1138-1149.                | 9.3 | 133       |
| 21 | Why Do Companies Pursue Collaborative Circular Oriented Innovation?. Sustainability, 2019, 11, 635.   | 3.2 | 120       |
| 22 | An Innovative Route to Circular Rigid Plastics. Sustainability, 2019, 11, 6284.   | 3.2 | 9         |
| 23 | Circular Product Design: Addressing Critical Materials through Design. World Scientific Series in Current Energy Issues, 2019, , 179-192.                       | 0.1 | 7         |
| 24 | 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        |
| 25 | Design for product integrity in a Circular Economy. , 2018, , 148-156.  |     | 7         |
| 26 | Design for the Circular Economy. , 2017, , 498-513.   |     | 5         |