

Fiona Charnley

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	1,228 citations	15 h-index	32 g-index
32 ext. papers	1,562 ext. citations	4.5 avg, IF	5.06 L-index

#	Paper	IF	Citations
32	Unlocking value for a circular economy through 3D printing: A research agenda. <i>Technological Forecasting and Social Change</i> , 2017 , 115, 75-84	9.5	215
31	A Conceptual Framework for Circular Design. <i>Sustainability</i> , 2016 , 8, 937	3.6	199
30	Skills and capabilities for a sustainable and circular economy: The changing role of design. <i>Journal of Cleaner Production</i> , 2017 , 160, 109-122	10.3	179
29	Distributed manufacturing: scope, challenges and opportunities. <i>International Journal of Production Research</i> , 2016 , 54, 6917-6935	7.8	160
28	Digitisation and the Circular Economy: A Review of Current Research and Future Trends. <i>Energies</i> , 2018 , 11, 3009	3.1	80
27	Design for Circular Behaviour: Considering Users in a Circular Economy. <i>Sustainability</i> , 2018 , 10, 1743	3.6	76
26	Exploring the process of whole system design. <i>Design Studies</i> , 2011 , 32, 156-179	3.6	61
25	Sustainable Production in a Circular Economy: A Business Model for Re-Distributed Manufacturing. <i>Sustainability</i> , 2019 , 11, 4291	3.6	40
24	University Contributions to the Circular Economy: Professing the Hidden Curriculum. <i>Sustainability</i> , 2018 , 10, 2719	3.6	27
23	Opportunities for redistributed manufacturing and digital intelligence as enablers of a circular economy. <i>International Journal of Sustainable Engineering</i> , 2019 , 12, 77-94	3.1	25
22	Future scenarios for fast-moving consumer goods in a circular economy. <i>Futures</i> , 2019 , 107, 74-88	3.6	22
21	Can Re-distributed Manufacturing and Digital Intelligence Enable a Regenerative Economy? An Integrative Literature Review. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 563-575	0.5	18
20	Evaluating the Environmental Performance of a Product/Service-System Business Model for Merino Wool Next-to-Skin Garments: The Case of Armadillo Merino. <i>Sustainability</i> , 2019 , 11, 5854	3.6	17
19	Re-distributed Manufacturing to Achieve a Circular Economy: A Case Study Utilizing IDEF0 Modeling. <i>Procedia CIRP</i> , 2017 , 63, 686-691	1.8	17
18	Regulators as Agents—power and personality in risk regulation and a role for agent-based simulation. <i>Journal of Risk Research</i> , 2010 , 13, 961-982	4.2	16
17	The circular economy is a reappraisal of the stuff we love. <i>Geography</i> , 2016 , 101, 17-27	0.7	12
16	A triple bottom line examination of product cannibalisation and remanufacturing: A review and research agenda. <i>Sustainable Production and Consumption</i> , 2021 , 27, 958-974	8.2	10

15	Circular business models in high value manufacturing: Five industry cases to bridge theory and practice. <i>Business Strategy and the Environment</i> , 2021 , 30, 1780-1802	8.6	8
14	A Systems Dynamics Enabled Real-Time Efficiency for Fuel Cell Data-Driven Remanufacturing. <i>Journal of Manufacturing and Materials Processing</i> , 2018 , 2, 77	2.2	7
13	The Best I Can Be: How Self-Accountability Impacts Product Choice in Technology-Mediated Environments. <i>Psychology and Marketing</i> , 2017 , 34, 521-537	3.9	6
12	Improved metrics for assessment of immortal materials and products. <i>Procedia CIRP</i> , 2019 , 80, 596-601	1.8	6
11	A vision of re-distributed manufacturing for the UK consumer goods industry. <i>Production Planning and Control</i> , 2019 , 30, 555-567	4.3	5
10	Energy Efficiency Status-Quo at UK Foundries: The Small-Is-Beautiful Project. <i>Minerals, Metals and Materials Series</i> , 2017 , 917-923	0.3	4
9	Can Digital Technologies Increase Consumer Acceptance of Circular Business Models? The Case of Second Hand Fashion. <i>Sustainability</i> , 2022 , 14, 4589	3.6	4
8	Towards a simulation-based understanding of smart remanufacturing operations: a comparative analysis. <i>Journal of Remanufacturing</i> , 2020 , 1	2.6	3
7	Data requirements and assessment of technologies enabling a product passport within products exposed to harsh environments: a case study of a high pressure nozzle guide vane. <i>International Journal of Product Lifecycle Management</i> , 2015 , 8, 253	1.5	3
6	Self-healing materials: A pathway to immortal products or a risk to circular economy systems?. <i>Journal of Cleaner Production</i> , 2021 , 315, 128193	10.3	3
5	Remanufacturing and refurbishment in the age of Industry 4.0: an integrated research agenda 2021 , 87-107		2
4	Engaging schools in the science of low-energy buildings. <i>Public Understanding of Science</i> , 2012 , 21, 875-901	0.1	1
3	Designing a Framework for Materials Flow by Integrating Circular Economy Principles with End-of-Life Management Strategies. <i>Sustainability</i> , 2022 , 14, 4244	3.6	1
2	Going beyond waste reduction: Exploring tools and methods for circular economy adoption in small-medium enterprises. <i>Resources, Conservation and Recycling</i> , 2022 , 182, 106345	11.9	1
1	Modelling of environmental impacts of printed self-healing products. <i>Science of the Total Environment</i> , 2021 , 807, 150780	10.2	