

# Stephen J Childe

## 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.

54  
papers

5,415  
citations

34  
h-index

73  
g-index

100  
ext. papers

7,133  
ext. citations

5.4  
avg, IF

6.45  
L-index

#	Paper	IF	Citations
54	Big data analytics and firm performance: Effects of dynamic capabilities. <i>Journal of Business Research</i> , <b>2017</b> , 70, 356-365	8.7	630
53	How to improve firm performance using big data analytics capability and business strategy alignment?. <i>International Journal of Production Economics</i> , <b>2016</b> , 182, 113-131	9.3	462
52	Big data and predictive analytics for supply chain and organizational performance. <i>Journal of Business Research</i> , <b>2017</b> , 70, 308-317	8.7	409
51	The role of Big Data in explaining disaster resilience in supply chains for sustainability. <i>Journal of Cleaner Production</i> , <b>2017</b> , 142, 1108-1118	10.3	301
50	Sustainable supply chain management: framework and further research directions. <i>Journal of Cleaner Production</i> , <b>2017</b> , 142, 1119-1130	10.3	270
49	Can big data and predictive analytics improve social and environmental sustainability?. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 144, 534-545	9.5	191
48	Big Data and Predictive Analytics and Manufacturing Performance: Integrating Institutional Theory, Resource-Based View and Big Data Culture. <i>British Journal of Management</i> , <b>2019</b> , 30, 341-361	5.6	186
47	The impact of big data on world-class sustainable manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2016</b> , 84, 631-645	3.2	184
46	Supply chain agility, adaptability and alignment. <i>International Journal of Operations and Production Management</i> , <b>2018</b> , 38, 129-148	6.8	173
45	Empirical investigation of data analytics capability and organizational flexibility as complements to supply chain resilience. <i>International Journal of Production Research</i> , <b>2021</b> , 59, 110-128	7.8	168
44	Agility and resilience as antecedents of supply chain performance under moderating effects of organizational culture within the humanitarian setting: a dynamic capability view. <i>Production Planning and Control</i> , <b>2018</b> , 29, 1158-1174	4.3	137
43	Big data analytics and organizational culture as complements to swift trust and collaborative performance in the humanitarian supply chain. <i>International Journal of Production Economics</i> , <b>2019</b> , 210, 120-136	9.3	133
42	Big Data and supply chain management: a review and bibliometric analysis. <i>Annals of Operations Research</i> , <b>2018</b> , 270, 313-336	3.2	130
41	Modelling quality dynamics, business value and firm performance in a big data analytics environment. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 5011-5026	7.8	129
40	Vision, applications and future challenges of Internet of Things. <i>Industrial Management and Data Systems</i> , <b>2016</b> , 116, 1331-1355	3.6	129
39	Big data analytics capability in supply chain agility. <i>Management Decision</i> , <b>2019</b> , 57, 2092-2112	4.4	104
38	Green supply chain management enablers: Mixed methods research. <i>Sustainable Production and Consumption</i> , <b>2015</b> , 4, 72-88	8.2	103

37	World class sustainable supply chain management: critical review and further research directions. <i>International Journal of Logistics Management</i> , <b>2017</b> , 28, 332-362	4.5	101
36	Big data analytics and artificial intelligence pathway to operational performance under the effects of entrepreneurial orientation and environmental dynamism: A study of manufacturing organisations. <i>International Journal of Production Economics</i> , <b>2020</b> , 226, 107599	9.3	101
35	Social sustainability in the supply chain: Construct development and measurement validation. <i>Ecological Indicators</i> , <b>2016</b> , 71, 270-279	5.8	99
34	. <i>IEEE Transactions on Engineering Management</i> , <b>2019</b> , 66, 8-19	2.6	96
33	Examining the effect of external pressures and organizational culture on shaping performance measurement systems (PMS) for sustainability benchmarking: Some empirical findings. <i>International Journal of Production Economics</i> , <b>2017</b> , 193, 63-76	9.3	95
32	Impact of big data and predictive analytics capability on supply chain sustainability. <i>International Journal of Logistics Management</i> , <b>2018</b> , 29, 513-538	4.5	91
31	Explaining the impact of reconfigurable manufacturing systems on environmental performance: The role of top management and organizational culture. <i>Journal of Cleaner Production</i> , <b>2017</b> , 141, 56-66	10.3	72
30	The design of a responsive sustainable supply chain network under uncertainty. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 80, 427-445	3.2	65
29	Supplier relationship management for circular economy. <i>Management Decision</i> , <b>2019</b> , 57, 767-790	4.4	64
28	Towards a theory of sustainable consumption and production: Constructs and measurement. <i>Resources, Conservation and Recycling</i> , <b>2016</b> , 106, 78-89	11.9	59
27	Examining the role of big data and predictive analytics on collaborative performance in context to sustainable consumption and production behaviour. <i>Journal of Cleaner Production</i> , <b>2018</b> , 196, 1508-1521	10.3	57
26	Case study in Six Sigma methodology: manufacturing quality improvement and guidance for managers. <i>Production Planning and Control</i> , <b>2012</b> , 23, 624-640	4.3	55
25	The extended concept of co-operation. <i>Production Planning and Control</i> , <b>1998</b> , 9, 320-327	4.3	53
24	Current issues in business process re-engineering. <i>International Journal of Operations and Production Management</i> , <b>1995</b> , 15, 37-52	6.8	48
23	Examining top management commitment to TQM diffusion using institutional and upper echelon theories. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 2988-3006	7.8	47
22	Innovation: a knowledge transfer perspective. <i>Production Planning and Control</i> , <b>2013</b> , 24, 208-225	4.3	40
21	Upstream supply chain visibility and complexity effect on focal company's sustainable performance: Indian manufacturers' perspective. <i>Annals of Operations Research</i> , <b>2020</b> , 290, 343-367	3.2	33
20	End-to-end process management: implications for theory and practice. <i>Production Planning and Control</i> , <b>2014</b> , 25, 1303-1321	4.3	30

19	A modelling technique for re-engineering business processes controlled by ISO 9001. <i>Computers in Industry</i> , <b>2002</b> , 49, 235-251	11.6	29
18	Understanding employee turnover in humanitarian organizations. <i>Industrial and Commercial Training</i> , <b>2016</b> , 48, 208-214	1.3	23
17	Enablers of Six Sigma: contextual framework and its empirical validation. <i>Total Quality Management and Business Excellence</i> , <b>2016</b> , 27, 1346-1372	2.7	21
16	Sustainable production framework for cement manufacturing firms: A behavioural perspective. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 78, 495-502	16.2	21
15	A model of the operations concerned in remanufacture. <i>International Journal of Production Research</i> , <b>2007</b> , 45, 5857-5880	7.8	21
14	Skills needed in supply chain-human agency and social capital analysis in third party logistics. <i>Management Decision</i> , <b>2018</b> , 56, 143-159	4.4	20
13	A business process model of inspection in remanufacturing. <i>Journal of Remanufacturing</i> , <b>2013</b> , 3, 1	2.6	18
12	Antecedents of low carbon emissions supply chains. <i>International Journal of Climate Change Strategies and Management</i> , <b>2017</b> , 9, 707-727	3.9	18
11	Incorporating links to ISO 9001 into manufacturing process models using IDEF 9000. <i>International Journal of Production Research</i> , <b>2003</b> , 41, 3091-3118	7.8	18
10	A non-linear redesign methodology for manufacturing systems in SMEs. <i>Computers in Industry</i> , <b>2002</b> , 49, 9-23	11.6	17
9	Energy sustainability in operations: an optimization study. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2016</b> , 86, 2873-2884	3.2	13
8	Case studies in the management of operations. <i>Production Planning and Control</i> , <b>2017</b> , 28, 1-1	4.3	12
7	Capitalizing on thematic initiatives: a framework for process-based change in SMEs. <i>Production Planning and Control</i> , <b>2004</b> , 15, 2-12	4.3	11
6	Predicting performance in a dynamic capability view. <i>International Journal of Operations and Production Management</i> , <b>2018</b> , 38, 2192-2213	6.8	8
5	Editorial Six things to manage in Operators. <i>Production Planning and Control</i> , <b>2004</b> , 15, 1-1	4.3	8
4	A step-by-step guide to the identification of an appropriate computer-aided production management system. <i>Production Planning and Control</i> , <b>1993</b> , 4, 69-76	4.3	6
3	Inward or outward looking management?. <i>Production Planning and Control</i> , <b>2004</b> , 15, 483-483	4.3	2
2	A DSS Solution for Integrated Automated Bidding, Subcontractor Selection and Project Scheduling. <i>Lecture Notes in Business Information Processing</i> , <b>2013</b> , 72-85	0.6	1

- 1 A Framework for the Transfer of Knowledge between Universities and Industry. *International Federation for Information Processing*, **2012**, 534-548