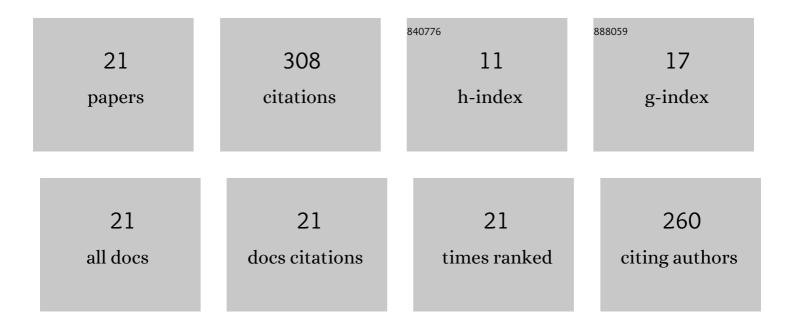
## Sandra M Mattsson

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Forming a cognitive automation strategy for Operator 4.0 in complex assembly. Computers and Industrial Engineering, 2020, 139, 105360.  | 6.3 | 43        |
| 2  | Using the compleXity index for improvement work: investigating utilisation in an automotive company.<br>International Journal of Manufacturing Research, 2020, 15, 3.                     | 0.2 | 2         |
| 3  | Understanding disturbance handling in complex assembly: analysis of complexity index method results. Procedia Manufacturing, 2018, 25, 213-222.   | 1.9 | 7         |
| 4  | Design concept towards a human-centered learning factory. Procedia Manufacturing, 2018, 25, 526-534.  | 1.9 | 9         |
| 5  | Effects of Information Content in Work Instructions for Operator Performance. Procedia<br>Manufacturing, 2018, 25, 628-635.   | 1.9 | 18        |
| 6  | Digitalizing Occupational Health, Safety and Productivity for the Operator 4.0. IFIP Advances in<br>Information and Communication Technology, 2018, , 473-481.                            | 0.7 | 36        |
| 7  | Assessment of manual assembly complexity: a theoretical and empirical comparison of two methods.<br>International Journal of Production Research, 2017, 55, 7237-7250.                    | 7.5 | 14        |
| 8  | The Comparison Study of Different Operator Support Tools for Assembly Task in the Era of Global<br>Production. Procedia Manufacturing, 2017, 11, 1271-1278.                               | 1.9 | 2         |
| 9  | Measuring Operator Emotion Objectively at a Complex Final Assembly Station. Advances in Intelligent<br>Systems and Computing, 2017, , 223-232.  | 0.6 | 3         |
| 10 | Assessing Operator Wellbeing through Physiological Measurements in Real-Time—Towards Industrial<br>Application. Technologies, 2017, 5, 61.  | 5.1 | 13        |
| 11 | Multi-variant Truck Production - Product Variety and its Impact on Production Quality in Manual<br>Assembly. Procedia CIRP, 2016, 54, 245-250.  | 1.9 | 17        |
| 12 | Perceived production complexity – understanding more than parts of a system. International Journal of Production Research, 2016, 54, 6008-6016.   | 7.5 | 42        |
| 13 | Testing Operator Support Tools for a Global Production Strategy. Procedia CIRP, 2016, 44, 120-125.  | 1.9 | 6         |
| 14 | A Relationship Between Operator Performance and Arousal in Assembly. Procedia CIRP, 2016, 44, 32-37.  | 1.9 | 2         |
| 15 | Managing Production Complexity by Empowering Workers: Six Cases. Procedia CIRP, 2014, 17, 212-217.  | 1.9 | 21        |
| 16 | Comparing quantifiable methods to measure complexity in assembly. International Journal of<br>Manufacturing Research, 2014, 9, 112.   | 0.2 | 21        |
| 17 | Validation of the complexity index method at three manufacturing companies. , 2013, , .   |     | 13        |
| 18 | Could the use of ICT tools be the way to increase competitiveness in Swedish industry?. IFAC Postprint<br>Volumes IPPV / International Federation of Automatic Control, 2013, 46, 179-186 | 0.4 | 13        |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Using Usability to Measure Interaction in Final Assembly. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 64-69. | 0.4 | 1         |
| 20 | Testing Complexity Index – a Method for Measuring Perceived Production Complexity. Procedia CIRP, 2012, 3, 394-399.                                     | 1.9 | 24        |
| 21 | Development of production cells with regard to physical and cognitive automation: A decade of evolution. , 2011, , .                                    |     | 1         |