

# Christina Jansson

## List of Publications by Year in descending order

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29  
papers

893  
citations

516215

16  
h-index

552369

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silane-dextran chemistry on lateral flow polymer chips for immunoassays. <i>Lab on A Chip</i> , 2008, 8, 1191.	3.1	118
2	Material efficiency in manufacturing: Swedish evidence on potential, barriers and strategies. <i>Journal of Cleaner Production</i> , 2016, 127, 438-450.	4.6	116
3	Polymer-Supported Pyridine-Bis(oxazoline). Application to Ytterbium-Catalyzed Silylcyanation of Benzaldehyde. <i>Organic Letters</i> , 2003, 5, 3663-3665.	2.4	69
4	Microplastics Shedding from Textiles-Developing Analytical Method for Measurement of Shed Material Representing Release during Domestic Washing. <i>Sustainability</i> , 2018, 10, 2457.	1.6	61
5	Release of Side-Chain Fluorinated Polymer-Containing Microplastic Fibers from Functional Textiles During Washing and First Estimates of Perfluoroalkyl Acid Emissions. <i>Environmental Science &amp; Technology</i> , 2019, 53, 14329-14338.	4.6	61
6	Asymmetric catalysis in a micro reactor-Ce, Yb and Lu catalysed enantioselective addition of trimethylsilyl cyanide to benzaldehyde. <i>Tetrahedron</i> , 2004, 60, 10515-10520.	1.0	48
7	Biocatalysis in the Recycling Landscape for Synthetic Polymers and Plastics towards Circular Textiles. <i>ChemSusChem</i> , 2021, 14, 4028-4040.	3.6	46
8	Is Unbleached Cotton Better Than Bleached? Exploring the Limits of Life-Cycle Assessment in the Textile Sector. <i>Clothing and Textiles Research Journal</i> , 2015, 33, 231-247.	2.2	43
9	Nano-sized by-products from metal 3D printing, composite manufacturing and fabric production. <i>Journal of Cleaner Production</i> , 2016, 139, 1224-1233.	4.6	40
10	Patterned self-assembled beads in silicon channels. <i>Electrophoresis</i> , 2001, 22, 3876-3882.	1.3	36
11	Immobilized oxazoline-containing Ligands in asymmetric catalysis-a review. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1857-1861.	1.0	35
12	Self-assembled and self-sorted array of chemically active beads for analytical and biochemical screening. <i>Talanta</i> , 2002, 56, 301-308.	2.9	31
13	USEtox characterisation factors for textile chemicals based on a transparent data source selection strategy. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 890-903.	2.2	25
14	Preparation of Viscose Fibres Stripped of Reactive Dyes and Wrinkle-Free Crosslinked Cotton Textile Finish. <i>Journal of Polymers and the Environment</i> , 2018, 26, 3603-3612.	2.4	21
15	An inventory framework for inclusion of textile chemicals in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 838-847.	2.2	20
16	Consecutive microcontact printing ligands for asymmetric catalysis in silicon channels. <i>Sensors and Actuators B: Chemical</i> , 2001, 79, 78-84.	4.0	17
17	A biochip reader using super critical angle fluorescence. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 1-6.	4.0	17
18	Material efficiency measurements in manufacturing: Swedish case studies. <i>Journal of Cleaner Production</i> , 2018, 181, 17-32.	4.6	17

#	ARTICLE	IF	CITATIONS
19	A multiplexed point-of-care assay for C-reactive protein and N-terminal pro-brain natriuretic peptide. <i>Analytical Biochemistry</i> , 2011, 409, 7-13.	1.1	14
20	Prospective Life Cycle Assessment of a Structural Battery. <i>Sustainability</i> , 2019, 11, 5679.	1.6	12
21	Development of the urban and industrial symbiosis in western Mälardalen. <i>Procedia CIRP</i> , 2018, 73, 96-101.	1.0	11
22	Comparison of Four Environmental Assessment Tools in Swedish Manufacturing: A Case Study. <i>Sustainability</i> , 2019, 11, 2173.	1.6	11
23	Design for green lean building module production - Case study. <i>Procedia Manufacturing</i> , 2018, 25, 594-601.	1.9	7
24	Improving the Life Cycle Impact Assessment of Metal Ecotoxicity: Importance of Chromium Speciation, Water Chemistry, and Metal Release. <i>Sustainability</i> , 2019, 11, 1655.	1.6	7
25	What difference can drop-in substitution actually make? A life cycle assessment of alternative water repellent chemicals. <i>Journal of Cleaner Production</i> , 2021, 329, 129661.	4.6	7
26	A Function-Based Approach for Life Cycle Management of Chemicals in the Textile Industry. <i>Sustainability</i> , 2020, 12, 1273.	1.6	1
27	Consecutive Microcontact Printing " Ligands for Asymmetric Catalysis in Silicon Channels. , 2001, , 599-600.		1
28	Self-Assembled and Self-Sorted Chemically Active Beads on Unstructured and Structured Substrates. , 2001, , 423-425.		1
29	Individuals' Perception of Which Materials are Most Important to Recycle. <i>IFIP Advances in Information and Communication Technology</i> , 2015, , 723-729.	0.5	0