

# Karl Tomas Björkqvist

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

110  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembled cellulose nanofiberâ€“carbon nanotube nanocomposite films with anisotropic conductivity. <i>Nanoscale</i> , 2022, 14, 448-463.	5.6	8
2	Additive manufacturing of monolithic supercapacitors with biopolymer separator. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 689-697.	2.9	16
3	Conductive Cellulose based Foam Formed 3D Shapesâ€“From Innovation to Designed Prototype. <i>Materials</i> , 2019, 12, 430.	2.9	11
4	Cross-impact analysis of Finnish electricity system with increased renewables: Long-run energy policy challenges in balancing supply and consumption. <i>Energy Policy</i> , 2018, 118, 504-513.	8.8	18
5	Influence of strain rate, temperature and fatigue on the radial compression behaviour of Norway spruce. <i>Holzforschung</i> , 2017, 71, 505-514.	1.9	5
6	Finland's energy system for 2030 as envisaged by expert stakeholders. <i>Energy Strategy Reviews</i> , 2017, 18, 150-156.	7.3	15
7	High strain rate radial compression of Norway spruce earlywood and latewood. <i>Cellulose</i> , 2016, 23, 873-889.	4.9	3
8	Image-based stress and strain measurement of wood in the split-Hopkinson pressure bar. <i>Measurement Science and Technology</i> , 2015, 26, 085206.	2.6	10
9	Online monitoring of flue gas emissions in power plants having multiple fuels. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 1355-1360.	0.4	8
10	Image Based Local Strain Measurement of Wood. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2014, , 339-345.	0.5	0
11	Repetitive impact loading causes local plastic deformation in wood. <i>Journal of Applied Physics</i> , 2012, 111, 024901.	2.5	6
12	Towards optimal defibration: Energy reduction by fatiguing pre-treatment. <i>Nordic Pulp and Paper Research Journal</i> , 2012, 27, 168-172.	0.7	0
13	Continuous Control Issues Concerning Operation Improvement of Small-Scale Biomass Boilers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011, 44, 7035-7042.	0.4	5
14	Control Strategy for Small-Scale Wood Chip Combustion. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009, 42, 119-124.	0.4	5