

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 | 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 |
| 2 | Additive manufacturing of monolithic supercapacitors with biopolymer separator. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 689-697. | 2.9 | 16 |
| 3 | Finland's energy system for 2030 as envisaged by expert stakeholders. <i>Energy Strategy Reviews</i> , 2017, 18, 150-156. | 7.3 | 15 |
| 4 | Conductive Cellulose based Foam Formed 3D Shapes – From Innovation to Designed Prototype. <i>Materials</i> , 2019, 12, 430. | 2.9 | 11 |
| 5 | 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 |
| 6 | 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 |
| 7 | Self-assembled cellulose nanofiber – carbon nanotube nanocomposite films with anisotropic conductivity. <i>Nanoscale</i> , 2022, 14, 448-463. | 5.6 | 8 |
| 8 | Repetitive impact loading causes local plastic deformation in wood. <i>Journal of Applied Physics</i> , 2012, 111, 024901. | 2.5 | 6 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | High strain rate radial compression of Norway spruce earlywood and latewood. <i>Cellulose</i> , 2016, 23, 873-889. | 4.9 | 3 |
| 13 | Towards optimal defibration: Energy reduction by fatiguing pre-treatment. <i>Nordic Pulp and Paper Research Journal</i> , 2012, 27, 168-172. | 0.7 | 0 |
| 14 | Image Based Local Strain Measurement of Wood. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2014, , 339-345. | 0.5 | 0 |