

Martti Toivakka

List of Publications by Year in descending order

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147
papers

3,186
citations

159358

30
h-index

197535

49
g-index

150
all docs

150
docs citations

150
times ranked

3880
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of nano- and microfibrillated cellulose films. <i>Cellulose</i> , 2014, 21, 3443-3456.	2.4	151
2	IR-sintering of ink-jet printed metal-nanoparticles on paper. <i>Thin Solid Films</i> , 2012, 520, 2949-2955.	0.8	144
3	Light-Emitting Paper. <i>Advanced Functional Materials</i> , 2015, 25, 3238-3245.	7.8	132
4	A multilayer coated fiber-based substrate suitable for printed functionality. <i>Organic Electronics</i> , 2009, 10, 1020-1023.	1.4	123
5	Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray. <i>Surface and Coatings Technology</i> , 2010, 205, 436-445.	2.2	108
6	Nanostructures Increase Water Droplet Adhesion on Hierarchically Rough Superhydrophobic Surfaces. <i>Langmuir</i> , 2012, 28, 3138-3145.	1.6	107
7	Paper-Based Microfluidics: Fabrication Technique and Dynamics of Capillary-Driven Surface Flow. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20060-20066.	4.0	107
8	Continuous Processing of Nanocellulose and Polylactic Acid into Multilayer Barrier Coatings. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11920-11927.	4.0	96
9	Roll-to-Roll Processed Cellulose Nanofiber Coatings. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3603-3613.	1.8	93
10	Rheology of cellulose nanofibers suspensions: Boundary driven flow. <i>Journal of Rheology</i> , 2016, 60, 1151-1159.	1.3	84
11	Adjustable wettability of paperboard by liquid flame spray nanoparticle deposition. <i>Applied Surface Science</i> , 2011, 257, 1911-1917.	3.1	56
12	Controlling capillary-driven surface flow on a paper-based microfluidic channel. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	1.0	54
13	Wetting and print quality study of an inkjet-printed poly(3-hexylthiophene) on pigment coated papers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 367, 76-84.	2.3	51
14	Cellulose nanofibril/carbon nanotube composite foam-stabilized paraffin phase change material for thermal energy storage and conversion. <i>Carbohydrate Polymers</i> , 2021, 273, 118585.	5.1	51
15	Nanoparticle Deposition from Liquid Flame Spray onto Moving Roll-to-Roll Paperboard Material. <i>Aerosol Science and Technology</i> , 2011, 45, 827-837.	1.5	49
16	Enhancing Capillary-Driven Flow for Paper-Based Microfluidic Channels. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30523-30530.	4.0	49
17	Conductivity of PEDOT:PSS on Spin-Coated and Drop Cast Nanofibrillar Cellulose Thin Films. <i>Nanoscale Research Letters</i> , 2015, 10, 386.	3.1	46
18	Transparent nanocellulose-pigment composite films. <i>Journal of Materials Science</i> , 2015, 50, 7343-7352.	1.7	43

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19	Enhanced thermal energy storage performance of salt hydrate phase change material: Effect of cellulose nanofibril and graphene nanoplatelet. <i>Solar Energy Materials and Solar Cells</i> , 2021, 225, 111028.	3.0	43
20	Surface chemical analysis of photocatalytic wettability conversion of TiO ₂ nanoparticle coating. <i>Surface and Coatings Technology</i> , 2012, 208, 73-79.	2.2	40
21	Molecular modeling studies of interactions between sodium polyacrylate polymer and calcite surface. <i>Applied Surface Science</i> , 2013, 276, 43-52.	3.1	36
22	ToF-SIMS Analysis of UV-Switchable TiO ₂ -Nanoparticle-Coated Paper Surface. <i>Langmuir</i> , 2013, 29, 3780-3790.	1.6	36
23	Continuous roll-to-roll coating of cellulose nanocrystals onto paperboard. <i>Cellulose</i> , 2018, 25, 6055-6069.	2.4	35
24	Atmospheric synthesis of superhydrophobic TiO ₂ nanoparticle deposits in a single step using Liquid Flame Spray. <i>Journal of Aerosol Science</i> , 2012, 52, 57-68.	1.8	34
25	Impact of humidity on functionality of on-paper printed electronics. <i>Nanotechnology</i> , 2014, 25, 094003.	1.3	33
26	One-step flame synthesis of silver nanoparticles for roll-to-roll production of antibacterial paper. <i>Applied Surface Science</i> , 2017, 420, 558-565.	3.1	32
27	Detection of local specular gloss and surface roughness from black prints. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 299, 101-108.	2.3	31
28	Wettability conversion on the liquid flame spray generated superhydrophobic TiO ₂ nanoparticle coating on paper and board by photocatalytic decomposition of spontaneously accumulated carbonaceous overlayer. <i>Cellulose</i> , 2013, 20, 391-408.	2.4	31
29	Temperature effects on dynamic water absorption into paper. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 373-377.	5.0	31
30	Synthesis and Physicochemical Characterization of Shaped Catalysts of β and γ Zeolites for Cyclization of Citronellal. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18084-18096.	1.8	31
31	Effects of atmospheric plasma activation on surface properties of pigment-coated and surface-sized papers. <i>Applied Surface Science</i> , 2008, 255, 3217-3229.	3.1	30
32	Effective packing of 3-dimensional voxel-based arbitrarily shaped particles. <i>Powder Technology</i> , 2009, 196, 139-146.	2.1	30
33	Use of cellulose nanofibril (CNF)/silver nanoparticles (AgNPs) composite in salt hydrate phase change material for efficient thermal energy storage. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 402-412.	3.6	30
34	Visualisation of the distribution of offset ink components printed onto coated paper. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 317, 557-567.	2.3	28
35	Printability of functional inks on multilayer curtain coated paper. <i>Chemical Engineering and Processing: Process Intensification</i> , 2013, 68, 13-20.	1.8	28
36	Human Dermal Fibroblast Viability and Adhesion on Cellulose Nanomaterial Coatings: Influence of Surface Characteristics. <i>Biomacromolecules</i> , 2020, 21, 1560-1567.	2.6	27

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37	Impact spreading and absorption of Newtonian droplets on topographically irregular porous materials. <i>Chemical Engineering Science</i> , 2007, 62, 3142-3158.	1.9	26
38	Binary TiO ₂ /SiO ₂ nanoparticle coating for controlling the wetting properties of paperboard. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 230-237.	2.0	26
39	Antimicrobial characterization of silver nanoparticle-coated surfaces by "touch test" method. <i>Nanotechnology, Science and Applications</i> , 2017, Volume 10, 137-145.	4.6	26
40	Surface chemical characterization of nanoparticle coated paperboard. <i>Applied Surface Science</i> , 2012, 258, 3119-3125.	3.1	25
41	Polymer chain pinning at interfaces in CaCO ₃ /SBR latex composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 2363-2369.	2.6	24
42	Substrate role in coating of microfibrillated cellulose suspensions. <i>Cellulose</i> , 2017, 24, 1247-1260.	2.4	24
43	Balancing between Fold-crack Resistance and Stiffness. <i>Journal of Composite Materials</i> , 2009, 43, 1265-1283.	1.2	23
44	Rheological behavior of high consistency enzymatically fibrillated cellulose suspensions. <i>Cellulose</i> , 2021, 28, 2087-2104.	2.4	23
45	Electrodeposition of PEDOT-Cl film on a fully printed Ag/polyaniline electrode. <i>Thin Solid Films</i> , 2011, 519, 2172-2175.	0.8	22
46	Wear resistance of nanoparticle coatings on paperboard. <i>Wear</i> , 2013, 307, 112-118.	1.5	22
47	On Laccase-Catalyzed Polymerization of Biorefinery Lignin Fractions and Alignment of Lignin Nanoparticles on the Nanocellulose Surface via One-Pot Water-Phase Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8770-8782.	3.2	22
48	Ageing effect in atmospheric plasma activation of paper substrates. <i>Surface and Coatings Technology</i> , 2008, 202, 3777-3786.	2.2	21
49	Viability and properties of roll-to-roll coating of cellulose nanofibrils on recycled paperboard. <i>Nordic Pulp and Paper Research Journal</i> , 2017, 32, 179-188.	0.3	21
50	Top layer coatability on barrier coatings. <i>Progress in Organic Coatings</i> , 2012, 73, 26-32.	1.9	19
51	Mechanical properties of TEMPO-oxidised bacterial cellulose-amino acid biomaterials. <i>European Polymer Journal</i> , 2018, 101, 29-36.	2.6	19
52	Human dermal fibroblast proliferation controlled by surface roughness of two-component nanostructured latex polymer coatings. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 136-144.	2.5	19
53	Effect of plasma coating on antibacterial activity of silver nanoparticles. <i>Thin Solid Films</i> , 2019, 672, 75-82.	0.8	19
54	Properties of adsorbents used for bleaching of vegetable oils and animal fats. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1579-1591.	1.6	18

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55	Barrier properties created by dispersion coating. <i>Tappi Journal</i> , 2013, 12, 45-51.	0.2	18
56	Prediction of suspension viscoelasticity through particle motion modeling. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1995, 56, 49-64.	1.0	17
57	On the non-linear attachment characteristics of blood to bacterial cellulose/kaolin biomaterials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 176-182.	2.5	17
58	Enhanced Surface Wetting of Pigment Coated Paper by UVC Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 11351-11356.	1.8	15
59	Short time spreading and wetting of offset printing liquids on model calcium carbonate coating structures. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 426-434.	5.0	15
60	High- and low-adhesive superhydrophobicity on the liquid flame spray-coated board and paper: structural effects on surface wetting and transition between the low- and high-adhesive states. <i>Colloid and Polymer Science</i> , 2013, 291, 447-455.	1.0	15
61	Impact of functionalised dispersing agents on the mechanical and viscoelastic properties of pigment coating. <i>Progress in Organic Coatings</i> , 2013, 76, 101-106.	1.9	15
62	Creation of superhydrophilic surfaces of paper and board. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 864-879.	1.4	15
63	Stiffness and swelling characteristics of nanocellulose films in cell culture media. <i>Cellulose</i> , 2018, 25, 4969-4978.	2.4	15
64	Calculating tortuosity in quasi-random anisotropic packings. <i>Nordic Pulp and Paper Research Journal</i> , 2006, 21, 670-675.	0.3	14
65	Evaluation of Plasma-Deposited Hydrophobic Coatings on Pigment-Coated Paper for Reduced Dampening Water Absorption. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 511-537.	1.4	14
66	Effect of micro- and nanofibrillated cellulose on the phase stability of sodium sulfate decahydrate based phase change material. <i>Cellulose</i> , 2020, 27, 5003-5016.	2.4	14
67	Influence of Substrate in Roll-to-roll Coated Nanographite Electrodes for Metal-free Supercapacitors. <i>Scientific Reports</i> , 2020, 10, 5282.	1.6	14
68	Measuring solvent barrier properties of paper. <i>Measurement Science and Technology</i> , 2012, 23, 015601.	1.4	13
69	Stencil Printing – A Novel Manufacturing Platform for Orodispersible Discs. <i>Pharmaceutics</i> , 2020, 12, 33.	2.0	13
70	Ion-modulated transistors on paper using phase-separated semiconductor/insulator blends. <i>MRS Communications</i> , 2014, 4, 51-55.	0.8	12
71	Influence of anionic and cationic polyelectrolytes on the conductivity and morphology of poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) films. <i>Thin Solid Films</i> , 2015, 590, 170-176.	0.8	12
72	Controlled time release and leaching of silver nanoparticles using a thin immobilizing layer of aluminum oxide. <i>Thin Solid Films</i> , 2018, 645, 166-172.	0.8	12

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73	Calculating the permeability of model paper coating structures comprising incongruent particle shapes and sizes. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 685-688.	2.2	11
74	Review on Liquid Flame Spray in paper converting: Multifunctional superhydrophobic nanoparticle coatings. <i>Nordic Pulp and Paper Research Journal</i> , 2014, 29, 747-759.	0.3	11
75	Electrostatic charges instigate "concertina-like" mechanisms of molecular toughening in MaSp1 (spider silk) proteins. <i>Materials Science and Engineering C</i> , 2014, 41, 329-334.	3.8	11
76	L-Lysine templated CaCO ₃ precipitated to flax develops flowery crystal structures that improve the mechanical properties of natural fibre reinforced composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 75, 84-88.	3.8	11
77	High-Throughput Processing of Nanographite "Nanocellulose-Based Electrodes for Flexible Energy Devices. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 11232-11240.	1.8	11
78	Influence of colloidal interactions on pigment coating layer structure formation. <i>Journal of Colloid and Interface Science</i> , 2009, 332, 394-401.	5.0	10
79	Compressibility of porous TiO ₂ nanoparticle coating on paperboard. <i>Nanoscale Research Letters</i> , 2013, 8, 444.	3.1	10
80	Protein and bacterial interactions with nanostructured polymer coatings. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 527-535.	2.5	10
81	Nanoporous kaolin "cellulose nanofibril composites for printed electronics. <i>Flexible and Printed Electronics</i> , 2017, 2, 024004.	1.5	10
82	Conductive nanographite "nanocellulose coatings on paper. <i>Flexible and Printed Electronics</i> , 2017, 2, 035002.	1.5	10
83	Microreactor coating with Au/Al ₂ O ₃ catalyst for gas-phase partial oxidation of ethanol: Physico-chemical characterization and evaluation of catalytic properties. <i>Chemical Engineering Journal</i> , 2019, 378, 122179.	6.6	9
84	Thermal properties of graphite/salt hydrate phase change material stabilized by nanofibrillated cellulose. <i>Cellulose</i> , 2021, 28, 6845-6856.	2.4	9
85	On estimation of complex refractive index and colour of dry black and cyan offset inks by a multi-function spectrophotometer. <i>Measurement Science and Technology</i> , 2008, 19, 115601.	1.4	8
86	Thermomechanical properties of CaCO ₃ -latex pigment coatings: Impact of modified dispersing agents. <i>Progress in Organic Coatings</i> , 2013, 76, 439-446.	1.9	8
87	Structure and Mechanical Properties of Starch/Styrene-Butadiene Latex Composites. <i>Advanced Materials Research</i> , 2014, 936, 74-81.	0.3	8
88	Influence of nanolatex addition on cellulose nanofiber film properties. <i>Nordic Pulp and Paper Research Journal</i> , 2016, 31, 333-340.	0.3	8
89	A Stokesian dynamics approach for simulation of magnetic particle suspensions. <i>Minerals Engineering</i> , 2016, 90, 70-76.	1.8	8
90	Modelling of capillary-driven flow for closed paper-based microfluidic channels. <i>Journal of Micromechanics and Microengineering</i> , 2017, 27, 065001.	1.5	8

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91	Antibacterial activity of silver and titania nanoparticles on glass surfaces. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2019, 10, 015012.	0.7	8
92	High-speed production of antibacterial fabrics using liquid flame spray. <i>Textile Research Journal</i> , 2020, 90, 503-511.	1.1	8
93	Influence of atmospheric plasma activation on sheet-fed offset print quality. <i>Nordic Pulp and Paper Research Journal</i> , 2008, 23, 181-188.	0.3	8
94	Assessment of the complex refractive index of an optically very dense solid layer: Case study offset magenta ink. <i>Chemical Physics Letters</i> , 2007, 442, 515-517.	1.2	7
95	The influence of different roughness scales of pigment coated papers on print gloss. <i>Nordic Pulp and Paper Research Journal</i> , 2009, 24, 327-334.	0.3	7
96	Structure formation mechanisms in consolidating pigment coatings—Simulation and visualisation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 574-582.	1.8	7
97	Drying of Porous Coating: Influence of Coating Composition. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 13680-13685.	1.8	7
98	Large-scale Roll-to-Roll Patterned Oxygen Indicators for Modified Atmosphere Packages. <i>Packaging Technology and Science</i> , 2017, 30, 219-227.	1.3	7
99	Synthesis of galactoglucomannan-based latex via emulsion polymerization. <i>Carbohydrate Polymers</i> , 2022, 291, 119565.	5.1	7
100	Fatigue life predictions of porous composite paper coatings. <i>International Journal of Fatigue</i> , 2012, 38, 181-187.	2.8	6
101	The Effect of Flame Treatment on Surface Properties and Heat Sealability of Low-Density Polyethylene Coating. <i>Packaging Technology and Science</i> , 2013, 26, 201-214.	1.3	6
102	Effects of fibre-surface morphology on the mechanical properties of Porifera-inspired rubber-matrix composites. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 111, 1031-1036.	1.1	6
103	Stacking up: a new approach for cell culture studies. <i>Biomaterials Science</i> , 2019, 7, 3249-3257.	2.6	6
104	On the limit of superhydrophobicity: defining the minimum amount of TiO ₂ nanoparticle coating. <i>Materials Research Express</i> , 2019, 6, 035004.	0.8	6
105	Fabrication of All-Solid Organic Electrochromic Devices on Absorptive Paper Substrates Utilizing a Simplified Lateral Architecture. <i>Materials</i> , 2020, 13, 4839.	1.3	6
106	A low-cost paper-based platform for fast and reliable screening of cellular interactions with materials. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1146-1156.	2.9	6
107	Particle movements during the coating process. <i>Nordic Pulp and Paper Research Journal</i> , 1994, 9, 143-149.	0.3	6
108	Understanding coating strength at the molecular and microscopic level. <i>Tappi Journal</i> , 2015, 14, 373-384.	0.2	6

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109	Comparison of Dynamic Print Gloss Measurement Techniques. <i>Tappi Journal</i> , 2009, 8, 19-28.	0.2	6
110	Crispatotrochus-mimicking coatings improve the flexural properties of organic fibres. <i>Journal of Materials Science</i> , 2013, 48, 8449-8453.	1.7	5
111	Terahertz complex conductivity of cellulose nanocrystal based composite films controlled with PEDOT:PSS blending ratio. <i>Cellulose</i> , 2020, 27, 10019-10027.	2.4	5
112	Small particle mobility in consolidating coating layers. <i>Nordic Pulp and Paper Research Journal</i> , 2008, 23, 52-56.	0.3	5
113	Coating: Incorporation of laccase in pigment coating for bioactive paper applications. <i>Nordic Pulp and Paper Research Journal</i> , 2011, 26, 118-127.	0.3	5
114	Plasma activation induced changes in surface chemistry of pigment coating components. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 352, 103-112.	2.3	4
115	Molecular modeling studies of interactions between styrene-butadiene latex and sodium polyacrylate polymer surface. <i>Computational and Theoretical Chemistry</i> , 2010, 953, 123-133.	1.5	4
116	Planar fluidic channels on TiO ₂ nanoparticle coated paperboard. <i>Nordic Pulp and Paper Research Journal</i> , 2016, 31, 232-238.	0.3	4
117	The influence of mineral particles on fibroblast behaviour: A comparative study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 239-251.	2.5	4
118	Influence of drying strategy on coating layer structure formation. <i>Nordic Pulp and Paper Research Journal</i> , 2008, 23, 46-51.	0.3	4
119	Influence of plasma activation on absorption of offset ink components into pigment-coated paper. <i>Nordic Pulp and Paper Research Journal</i> , 2010, 25, 93-99.	0.3	4
120	Adjustable wetting of Liquid Flame Spray (LFS) TiO ₂ -nanoparticle coated board: Batch-type versus roll-to-roll stimulation methods. <i>Nordic Pulp and Paper Research Journal</i> , 2014, 29, 271-279.	0.3	4
121	Deflection and plasticity of soft-tip bevelled blades in paper coating operations. <i>Materials & Design</i> , 2009, 30, 871-877.	5.1	3
122	A particle motion model for the study of consolidation phenomena. <i>Computers and Chemical Engineering</i> , 2009, 33, 1227-1239.	2.0	3
123	Improved Prediction of Offset Ink Setting Rates Based on Experimental Data and Filtration Equations. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 4676-4681.	1.8	3
124	Temperature and moisture effects on wetting of calcite surfaces by offset ink constituents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 390, 105-111.	2.3	3
125	Fracture and Plasticity in Nano-Porous Particle-Polymer Composites. <i>Key Engineering Materials</i> , 2011, 462-463, 24-29.	0.4	3
126	DMTA investigation of solvents effects on viscoelastic properties of porous CaCO ₃ -SBR latex composites. <i>Mechanics of Materials</i> , 2012, 49, 1-12.	1.7	3

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127	Switchable water absorption of paper via liquid flame spray nanoparticle coating. <i>Cellulose</i> , 2014, 21, 2033-2043.	2.4	3
128	The self-organization of starch on paper. <i>Nordic Pulp and Paper Research Journal</i> , 2012, 27, 621-630.	0.3	3
129	Leveling of surface defects in thin films of pigmented coatings. <i>Nordic Pulp and Paper Research Journal</i> , 2001, 16, 246-250.	0.3	2
130	Micro-buckling of paper during blade metering. <i>Computers and Chemical Engineering</i> , 2008, 32, 600-607.	2.0	2
131	Roll-to-Roll Coating by Liquid Flame Spray Nanoparticle Deposition. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1747, 37.	0.1	2
132	Heat and mass transfer models to understand the drying mechanisms of a porous substrate. <i>European Physical Journal E</i> , 2016, 39, 25.	0.7	2
133	Discrete element method to predict the mechanical properties of pigmented coatings. <i>Journal of Coatings Technology Research</i> , 2019, 16, 1683-1689.	1.2	2
134	Characterization of flame coated nanoparticle surfaces with antibacterial properties and the heat-induced embedding in thermoplastic-coated paper. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	2
135	Simulation of slot-coating of nanocellulosic material subject to a wall-stress dependent slip-velocity at die-walls. <i>Journal of Coatings Technology Research</i> , 2022, 19, 111-120.	1.2	2
136	Effect of coating solids content and thickener type on the depletion of fine particle size coating color components in the blade coating process. <i>Nordic Pulp and Paper Research Journal</i> , 2012, 27, 590-595.	0.3	2
137	Slot die coating of nanocellulose on paperboard. <i>Tappi Journal</i> , 2018, 17, 11-19.	0.2	2
138	Numerical analysis of slot die coating of nanocellulosic materials. <i>Tappi Journal</i> , 2020, 19, 575-582.	0.2	2
139	Influence of ink components on print rub. <i>Nordic Pulp and Paper Research Journal</i> , 2008, 23, 277-284.	0.3	1
140	Influence of Surface Chemical Composition on UV-Varnish Absorption into Permeable Pigment-Coated Paper. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 2169-2175.	1.8	1
141	Coupled spreading-fraction effects of polymer nano-binder on the network connectivity and tensile modulus of porous mineral coatings. <i>Materials Letters</i> , 2012, 88, 73-75.	1.3	1
142	Predicting the causes of operational anomalies in blade coating. <i>WIT Transactions on Engineering Sciences</i> , 2011, , .	0.0	1
143	Depletion of coating color components in the blade coating process circulation. <i>Tappi Journal</i> , 2011, 10, 17-23.	0.2	1
144	Effect of carboxymethyl cellulose and polyvinyl alcohol on the cracking of particulate coating layers. <i>Progress in Organic Coatings</i> , 2022, 170, 106951.	1.9	1

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145	A device for measuring fiber floc size in highly turbulent fiber suspensions. Nordic Pulp and Paper Research Journal, 1996, 11, 249-253.	0.3	0
146	Influence of mineral coatings on fibroblast behaviour: The importance of coating formulation and experimental design. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112059.	2.5	0
147	Changes in solid particle fractions of coating color in low- and high-speed blade coating. Tappi Journal, 2013, 12, 31-38.	0.2	0