Albert M Manich

List of Publications by Year
in descending order

116 papers	1,377 citations	361296 20 h-index	526166 27 g-index
128 all docs	128 docs citations	128 times ranked	1034 citing authors

#	Article	IF	Citations
1	Kinetics of alkaline delignification of hemp and determination of lignin content by thermogravimetry. Journal of Wood Chemistry and Technology, 2022, 42, 181-192.	0.9	1
2	Influence of alkaline delignification on moisture uptake behavior and bonding enthalpies of hemp. Journal of Applied Polymer Science, 2021, 138, 50990.	1.3	6
3	Analysis of lignin content in alkaline treated hemp fibers: thermogravimetric studies and determination of kinetics of different decomposition steps. Journal of Wood Chemistry and Technology, 2021, 41, 210-219.	0.9	3
4	External lipid function in ethnic hairs. Journal of Cosmetic Dermatology, 2019, 18, 1912-1920.	0.8	7
5	Dyestuffs and formaldehyde content in split leather treated with formaldehyde resins. Dyes and Pigments, 2018, 158, 50-59.	2.0	6
6	The role of SeDeM for characterizing the active substance and polyvinylpyrrolidone eliminating metastable forms in an oral lyophilizateâ€"A preformulation study. PLoS ONE, 2018, 13, e0196049.	1.1	10
7	Reduction of the formaldehyde content in leathers treated with formaldehyde resins by means of plant polyphenols. Journal of Cleaner Production, 2017, 148, 518-526.	4.6	32
8	Exogenous and endogenous lipids of human hair. Skin Research and Technology, 2017, 23, 479-485.	0.8	21
9	Approach to design space from retrospective quality data. Pharmaceutical Development and Technology, 2016, 21, 26-38.	1.1	6
10	The influence of hair lipids in ethnic hair properties. International Journal of Cosmetic Science, 2016, 38, 77-84.	1.2	20
11	Dynamic vapour sorption and thermoporometry of polyamide fabrics coated with chitosan hydrogels. Thermochimica Acta, 2016, 639, 47-52.	1.2	7
12	Skin barrier modification with organic solvents. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1935-1943.	1.4	19
13	Effect of different dispersing agents in the non-isothermal kinetics and thermomechanical behavior of PET/TiO₂ composites. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 237-244.	1.2	10
14	The effect of internal lipids on the water sorption kinetics of keratinised tissues. Journal of Thermal Analysis and Calorimetry, 2016, 123, 2013-2020.	2.0	2
15	Effect of Water Treatment on the Fiberâ€"Matrix Bonding and Durability of Cellulose Fiber Cement Composites. Journal of Biobased Materials and Bioenergy, 2015, 9, 486-492.	0.1	3
16	Effect of the Presence of an Ester of Montanic Acids With Multifunctional Alcohols in the Composites of Titanium Dioxide Nanoparticles With Poly (Ethylene Terephthalate) in Their Non-Isothermal Crystallization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2015, 52, 770-777.	1.2	4
17	Effect of lipid modification on stratum corneum permeability. Journal of Thermal Analysis and Calorimetry, 2015, 120, 297-305.	2.0	12
18	Effect of processing and wearing on viscoelastic modeling of polylactide/wool and polyester/wool woven fabrics subjected to bursting. Textile Reseach Journal, 2014, 84, 1961-1975.	1.1	4

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19	Effect of texturing on porosity and critical dissolution time of polyamide 6.6 multifilaments. Fibers and Polymers, 2014, 15, 297-301.	1.1	0
20	Effect of Surface Treatment of Titanium Dioxide Nanoparticles on Non-Isothermal Crystallization Behavior, Viscoelastic Transitions and Cold Crystallization of Poly(Ethylene Terephthalate) Nanocomposites. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 831-841.	1.2	4
21	Proteomic and transcriptomic analysis of rice tranglutaminase and chloroplast-related proteins. Plant Science, 2014, 229, 142-153.	1.7	3
22	Water sorption evaluation of stratum corneum. Thermochimica Acta, 2014, 583, 43-48.	1.2	5
23	Moisture sorption/desorption of protein fibres. Thermochimica Acta, 2013, 552, 70-76.	1.2	23
24	Use of modified leather shavings in the adsolubilization of 2-naphthol: Thermodynamic and kinetics studies. Chemical Engineering Journal, 2013, 222, 77-84.	6.6	6
25	Relationship between microstructure and properties of false-twist textured and stabilized polylactide. Part 2. physicochemical characterization, accessibility of the amorphous phase and dyeing behavior. Textile Reseach Journal, 2013, 83, 1065-1074.	1.1	2
26	Relationship between microstructure and properties of false-twist textured and stabilized polylactide. Part 1: dimensional stability, mechanical properties and thermomechanical behavior. Textile Reseach Journal, 2013, 83, 1055-1064.	1.1	3
27	Microstructure variations of polylactide fibres with texturing conditions. Textile Reseach Journal, 2012, 82, 1996-2005.	1.1	7
28	Adsorption isotherm, thermodynamic and kinetics studies of polyphenols onto tannery shavings. Chemical Engineering Journal, 2012, 183, 21-29.	6.6	31
29	Water sorption of nails treated with wool keratin proteins and peptides. Journal of Thermal Analysis and Calorimetry, 2011, 104, 323-329.	2.0	5
30	Compatibility of plastic with phase change materials (PCM). International Journal of Energy Research, 2011, 35, 765-771.	2.2	32
31	Thermal Characterization and Mechanical Properties of Pla Yarns. , 2010, , 181-189.		0
32	Restoring important hair properties with wool keratin proteins and peptides. Fibers and Polymers, 2010, 11, 1055-1061.	1.1	27
33	Thermal transitions of polylactide false-twist textured multifilaments determined by DSC and TMA. Journal of Thermal Analysis and Calorimetry, 2010, 99, 723-731.	2.0	18
34	Effect of wool keratin proteins and peptides on hair water sorption kinetics. Journal of Thermal Analysis and Calorimetry, 2010, 102, 43-48.	2.0	22
35	Adsolubilisation of organic compounds onto collagen fibres. Journal of Colloid and Interface Science, 2010, 351, 466-471.	5.0	4
36	Water absorption/desorption of human hair and nails. Thermochimica Acta, 2010, 503-504, 33-39.	1.2	38

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37	Effect of the air-jet and the false-twist texturing processes on the thermomechanical behaviour of polyamide 6.6 yarns. Journal of Thermal Analysis and Calorimetry, 2008, 93, 921-926.	2.0	3
38	Chitosan contribution on wool treatments with enzyme. Carbohydrate Polymers, 2008, 71, 515-523.	5.1	38
39	Optimisation of novel amine shrinkproofing and dye-assist treatments on wool. Coloration Technology, 2008, 107, 19-23.	0.1	4
40	The efficiency of a non-aqueous shrink-resist treatment in controlling the moisture regain of wool. Coloration Technology, 2008, 107, 261-265.	0.1	2
41	Garment abrasion strength evaluation: a comparative methods study. International Journal of Clothing Science and Technology, 2007, 19, 194-203.	0.5	10
42	Thermal analysis of merino wool fibres without internal lipids. Journal of Applied Polymer Science, 2007, 104, 545-551.	1.3	24
43	Effect of the Air-Jet and the False-Twist texturing processes on the stress-relaxation of polyamide 6.6 yarns. Journal of Applied Polymer Science, 2007, 105, 2482-2487.	1.3	9
44	The effects of texturing induced microstructural changes on the relaxation behaviour of polyamide 66 multifilament yarns. Fibers and Polymers, 2007, 8, 512-519.	1.1	4
45	PCDD/Fs in ambient air: TSP and PM10 sampler comparison. Atmospheric Environment, 2006, 40, 567-573.	1.9	18
46	Influence of leather stretching to gain area yield on its stress-relaxation behavior. Journal of Applied Polymer Science, 2006, 102, 6000-6008.	1.3	10
47	Effect of Finishing on Woven Fabric Structure and Compressional and Cyclic Multiaxial Strain Properties. Textile Reseach Journal, 2006, 76, 86-93.	1.1	12
48	IMPROVING THE QUALITY OF LIFE AND COMFORT IN WOOL AND BLENDED FABRICS FOR THE ELDERLY. , 2006, , 99-106.		0
49	Fabric design considering the optimisation of seam slippage. International Journal of Clothing Science and Technology, 2005, 17, 225-231.	0.5	14
50	Determination of oxidation parameters of fatliquored leather by DSC. Thermochimica Acta, 2005, 429, 205-211.	1.2	11
51	Chitosan application on wool before enzymatic treatment. Journal of Applied Polymer Science, 2005, 98, 1938-1946.	1.3	12
52	Thermomechanical analysis of merino wool yarns. Journal of Thermal Analysis and Calorimetry, 2005, 82, 119-123.	2.0	16
53	On the Generation and Outcome of 3-(N-Phenylamino)propane-1,2-diol Derivatives in Deodorized Model Oils Related to Toxic Oil Syndrome. Chemical Research in Toxicology, 2005, 18, 665-674.	1.7	9
54	Optimising Comfort during Wool and Blended Fabrics Design. Materials Science Forum, 2004, 455-456, 767-770.	0.3	1

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55	Internal lipid content and viscoelastic behavior of wool fibers. Journal of Applied Polymer Science, 2004, 92, 3252-3259.	1.3	11
56	Further Progress on the Abrasion Kinetic Modelling of Woven Fabrics Using the Martindale Abrasion Tester. Journal of the Textile Institute, 2004, 95, 369-379.	1.0	6
57	Determination of the heatsetting temperature of polyester by TMA. Journal of Thermal Analysis and Calorimetry, 2003, 72, 729-735.	2.0	4
58	Enzymatic Carbonâˆ'Carbon Bond Formation in Water-in-Oil Highly Concentrated Emulsions (Gel) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	42
59	Thermal Analysis and Differential Solubility of Polyester Fibers and Yarns. Textile Reseach Journal, 2003, 73, 333-338.	1.1	17
60	YARN HAIRINESS: A FURTHER UPDATE. Textile Progress, 2002, 31, 1-44.	1.3	20
61	Characterization of retanned chrome bovine leather by thermomechanical analysis. Journal of Applied Polymer Science, 2001, 82, 314-322.	1.3	6
62	Abrasion Kinetics of Wool and Blended Fabrics. Textile Reseach Journal, 2001, 71, 469-474.	1.1	41
63	Investigation into the Composition, Size, and Morphology of Dust Generated during Wool Processing. Journal of the Textile Institute, 2000, 91, 460-462.	1.0	1
64	Viscoelastic modeling of natural and synthetic textile yarns. Journal of Applied Polymer Science, 2000, 76, 2062-2067.	1.3	24
65	Viscoelastic modeling of natural and synthetic textile yarns. Journal of Applied Polymer Science, 2000, 76, 2062.	1.3	1
66	Viscoelastic Behavior of Polypropylene Fibers1. Textile Reseach Journal, 1999, 69, 325-330.	1.1	29
67	Viscoelastic Behaviour and Microstructural Modifications in Acrylic Fibres and Yams as a Function of Textile Manufacturing Processing Conditions. Journal of the Textile Institute, 1999, 90, 526-540.	1.0	14
68	Relationships between Fabric Sewability and Structural, Physical, and FAST Properties of Woven Wool and Wool-blend Fabrics. Journal of the Textile Institute, 1998, 89, 579-590.	1.0	13
69	Optimizing a Wool Dyeing Process with an Azoic 1:2 Metal Complex Dye Using Commercially Available Liposomes. Textile Reseach Journal, 1998, 68, 635-642.	1.1	24
70	The Effect of Testing Speed on the Hairiness of Ring-spun and Sirospun Yarns. Journal of the Textile Institute, 1998, 89, 605-607.	1.0	3
71	Phosphatidilcholine Liposomes as Vehicles for Disperse Dyes for Dyeing Polyester/Wool Blends. Textile Reseach Journal, 1998, 68, 209-218.	1.1	22
72	A New Photoelectric Device for the Measurement of Yarn Diameter and Yarn Evenness. Journal of the Textile Institute, 1998, 89, 711-712.	1.0	2

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73	The Use of Neural Nets to Simulate the Spinning Process. Journal of the Textile Institute, 1998, 89, 712-714.	1.0	0
74	Internal Lipid Wool Structure Modification Due to a Nonionic Auxiliary Used in Dyeing at Low Temperatures. Textile Reseach Journal, 1997, 67, 131-136.	1.1	10
75	Multilamellar Liposomes Including Cholesterol as Carriers of a 1:2 Metal Complex Dye in Wool Dyeing. Textile Reseach Journal, 1997, 67, 325-333.	1.1	17
76	Assembling textile structures: wear simulation. International Journal of Clothing Science and Technology, 1997, 9, 75-87.	0.5	8
77	YARN HAIRINESS UPDATE. Textile Progress, 1997, 26, 1-29.	1.3	27
78	Embryogenesis induction in petals of Araujia sericifera. Plant Cell, Tissue and Organ Culture, 1997, 51, 95-102.	1.2	6
79	Intermediate aggregates resulting in the interaction of bile salt with liposomes studied by transmission electron microscopy and light scattering techniques. Journal of Microscopy, 1997, 186, 75-83.	0.8	13
80	Percutaneous penetration of liposomes using the tape stripping technique. International Journal of Pharmaceutics, 1996, 139, 197-203.	2.6	36
81	Lipid composition influence on the surfactant-induced release of the contents in liposomes formed by lipids modelling the stratum corneum. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 113, 259-267.	2.3	13
82	The formation of liposomes in vitro by mixtures of lipids modeling the composition of the stratum corneum. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1995, 101, 9-19.	2.3	43
83	Multilamellar Liposomes Including Cholesterol as Carriers of Azobenzene Disperse Dyes in Wool Dyeing. Textile Reseach Journal, 1995, 65, 163-170.	1.1	20
84	Stability of Polyunsaturated Fatty Acids in Egg Powder Processed and Stored under Various Conditions. Journal of Agricultural and Food Chemistry, 1995, 43, 2254-2259.	2.4	19
85	Comparison between Standards for Seamâ€woven Fabric Properties Determination. International Journal of Clothing Science and Technology, 1994, 6, 7-14.	0.5	5
86	Lipid Bilayers Including Cholesterol as Vehicles for Acid Dyes in Wool Dyeing. Textile Reseach Journal, 1993, 63, 643-649.	1.1	20
87	The Hair-length Distribution of Yarns, Measured by Means of the Zweigle G 565 Hairiness Meter. Journal of the Textile Institute, 1993, 84, 326-335.	1.0	8
88	Twist and Linear Density Coefficient of Variation-Length Curves of Polyester/Cotton Yarns Spun by Different Processes. Textile Reseach Journal, 1992, 62, 115-120.	1.1	3
89	Optimizing Hercosett/Optical Brightener Agent/Hydrogen Peroxide Systems Applied to Untreated Wool for Shrinkproofing. Textile Reseach Journal, 1992, 62, 162-168.	1.1	2
90	Elastic Recovery and Inverse Relaxation of Polyester Staple Fiber Rotor Spun Yarns. Textile Reseach Journal, 1992, 62, 196-199.	1.1	24

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91	The Hairiness of Cotton-spun Yarns. The Effect of Fibre Properties on Measurements Made with the Zweigle G565 Hairiness Meter. Journal of the Textile Institute, 1990, 81, 86-88.	1.0	2
92	Shrinkproofing Untreated Wool with Hercosett/Uvitex NFW/Hydrogen Peroxide Systemsâ€"Physicochemical Properties of These Systems. Textile Reseach Journal, 1990, 60, 709-713.	1.1	5
93	The Influence of the Spinning Process, Yarn Linear Density, and Fibre Properties on the Hairiness of Ring-spun and Rotor- spun Cotton Yarns. Journal of the Textile Institute, 1988, 79, 189-197.	1.0	21
94	Strength at â€œTheoretically Null Twistâ€•of Acrylic and Polyester/Cotton Rotor Spun Yarns: Application to Prediction of â€œMachine Twistâ€• Textile Reseach Journal, 1988, 58, 238-245.	1.1	1
95	The Comparative Spinnability of Ring- and Rotor-spun Cotton Yarns. Journal of the Textile Institute, 1988, 79, 666-672.	1.0	2
96	The Determination of the Equivalent Machine Twist in Dref III Friction-spun Yarns. Journal of the Textile Institute, 1987, 78, 80-87.	1.0	5
97	34â€"A CONTRIBUTION TO THE STUDY OF THE INFLUENCE OF THE DESIGN OF THE YARN-WITHDRAWAL TUBE ON THE DIAMETER AND HAIRINESS OF OPEN-END-SPUN ACRYLIC-FIBRE YARNS. Journal of the Textile Institute, 1986, 77, 403-415.	1.0	4
98	Influence of a Yarn Extractive Nozzle on the Apparent Loss of Twist in Rotor Open-End Acrylic Staple Spun Yarns. Textile Reseach Journal, 1986, 56, 207-211.	1.1	14
99	9â€"THE INFLUENCE OF THE UNDER-PRESSURE IN THE ROTOR ON THE PROPERTIES OF OPEN-END-SPUN COTTON YARNS AT DIFFERENT VALUES OF THE ROTOR SPEED AND OPENING-ROLLER SPEED. Journal of the Textile Institute, 1985, 76, 86-102.	1.0	10
100	A First Approach to the Study of the Spinnability of Ring-spun and Rotor-spun Cotton Yarns. Journal of the Textile Institute, 1985, 76, 292-295.	1.0	5
101	20â€"THE INFLUENCE OF THE AIR PRESSURE AT THE ROTOR-CLEANING DEVICE OF ROTOR-SPINNING MACHINES ON THE PROPERTIES OF COTTON OPEN-END-SPUN YARNS. Journal of the Textile Institute, 1985, 76, 301-313.	1.0	1
102	Relation Between Twist and Abrasion Resistance of Rotor Spun Yarns. Textile Reseach Journal, 1984, 54, 314-317.	1.1	6
103	Diameter and Hairiness of Ring and Rotor Polyester-Cotton Blended Spun Yarns. Textile Reseach Journal, 1984, 54, 840-844.	1.1	11
104	3â€"FACTORIAL STUDIES IN ROTOR-SPINNING PART II: POLYESTER-FIBRE AND POLYESTER-FIBRE-COTTON BLENDED-FIBRE YARNS. Journal of the Textile Institute, 1984, 75, 23-27.	1.0	6
105	27â€"FACTORIAL STUDIES IN ROTOR-SPINNING PART III: ACRYLIC-FIBRE OPEN-END-SPUN YARNS. Journal of the Textile Institute, 1984, 75, 259-266.	1.0	3
106	38â€"THE HAIRINESS OF MOHAIR AND WOOL WORSTED-SPUN YARNS: CORRELATION BETWEEN THE RESULTS OBTAINED WITH THE SHIRLEY HAIRINESS METER AND THOSE OBTAINED WITH THE DIGITAL ITQT APPARATUS. Journal of the Textile Institute, 1984, 75, 363-374.	1.0	5
107	Relation Between Twist and Abrasion Resistance of Rotor Yarns Part I: Cotton Yarns, Viscose, and Acrylics. Textile Reseach Journal, 1983, 53, 453-456.	1.1	5
108	33â€"FACTORIAL STUDIES IN ROTOR-SPINNING PART I: COTTON YARNS. Journal of the Textile Institute, 1983, 74, 329-339.	1.0	7

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109	The Relation between the Twist and Resistance to Repeated Extensions of Open-end-spun Blended-fibre Yarns. Journal of the Textile Institute, 1982, 73, 97-98.	1.0	1
110	11â€"A CONTRIBUTION TO THE STUDY OF THE HAIRINESS OF ROTOR-SPUN YARNS BY MEANS OF THE DIGITAL HAIRINESS METER PART I: THE INFLUENCE OF THE ROTOR GEOMETRY AND OTHER SPINNING PARAMETERS ON THE HAIRINESS OF OPEN-END-SPUN ACRYLIC-FIBRE YARNS. Journal of the Textile Institute, 1981, 72, 121-130.	1.0	3
111	The Relation between the Twist and Resistance to Repeated Extensions of Cotton Rotor-spun Yarns. Journal of the Textile Institute, 1981, 72, 186-187.	1.0	3
112	12â€"A CONTRIBUTION TO THE STUDY OF THE HAIRINESS OF ROTOR-SPUN YARNS BY MEANS OF THE DIGITAL HAIRINESS METER PART II: THE INFLUENCE OF PROCESS PARAMETERS ON THE HAIRINESS OF OPEN-END-SPUN POLYESTER-FIBRE, COTTON, AND BLENDED-FIBRE YARNS. Journal of the Textile Institute, 1981, 72, 131-140.	1.0	2
113	23â€"THE RELATION BETWEEN THE TWIST AND RESISTANCE TO REPEATED EXTENSIONS OF MAN-MADE-FIBRE ROTOR-SPUN YARNS. Journal of the Textile Institute, 1980, 71, 242-251.	1.0	8
114	A Contribution to the Study of the Contraction of Rotor Yarns. Textile Reseach Journal, 1980, 50, 279-283.	1.1	0
115	26â€"A NEW HAIRINESS METER FOR YARNS. Journal of the Textile Institute, 1980, 71, 277-283.	1.0	17
116	Influence of alkaline delignification time on the moisture uptake behaviour of hemp. Journal of the Textile Institute, 0, , 1-11.	1.0	2