

Authors	Journal	Year	Article	Available
Du, WQ; Zheng, JH; Li, WX; Liu, ZD; Wang, HP; Han, X	RESOURCES CONSERVATIO N AND RECYCLING	2022	Efficient Recognition and Automatic Sorting Technology of Waste Textiles Based on Online Near infrared Spectroscopy and Convolutional Neural Network	https://doi.org/10.1016/j.resconrec.2022.106157
Langeron,; Doussot, M; Hewson, DJ; Duchene, J	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2007	Classifying NIR spectra of textile products with kernel methods	https://doi.org/10.1016/j.engappai.2006.07.001
Sun, XT; Yuan, HF; Song, CF; Li, XY; Hu, AQ; Yu, SS; Ren, ZX	MICROCHEMI CAL JOURNAL	2019	A novel drying-free identification method of cashmere textiles by NIR spectroscopy combined with an adaptive representatio n learning classification method	https://doi.org/10.1016/j.microc.2019.104018
Ruckebusch, C; Orhan, F; Durand, A; Boubellouta , T; Huvenne, JP	APPLIED SPECTROSCOP Y	2006	Quantitative analysis of cotton- polyester textile blends from near- infrared spectra	https://opg.optica.org/as/abstract.cfm?uri=as-60-5-539
Zhou, JF; Wang, RW; Wu, XY; Xu, BG	APPLIED SPECTROSCOP Y	2017	Fiber-Content Measurement of Wool- Cashmere Blends Using Near-Infrared Spectroscopy	https://doi.org/10.1177/0003702817713480
Sun, XD; Zhou, MX ; Sun, YZ	INFRARED PHYSICS & TECHNOLOGY	2016	Variables selection for quantitative determinatio n of cotton content in textile blends by near infrared spectroscopy	https://doi.org/10.1016/j.infrared.2016.05.020

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Makela, M; Rissanen, M; Sixta, H	RESOURCES CONSERVATION AND RECYCLING	2020	Machine vision estimates the polyester content in recyclable waste textiles	https://doi.org/10.1016/j.resconrec.2020.105007
Liu, ZD; Li, WX; Wei, ZH	TEXTILE RESEARCH JOURNAL	2020	Qualitative classification of waste textiles based on near infrared spectroscopy and the convolutional network	https://doi.org/10.1177/0040517519886032
Sun, XD; Zhou, MX ; Sun, YZ	SPECTROSCOPY LETTERS	2015	Classification of textile fabrics by use of spectroscopy-based pattern recognition methods	https://doi.org/10.1080/00387010.2015.1089446
Daikos, O; Scherzer, T	PROGRESS IN ORGANIC COATINGS	2022	In-line monitoring of the residual moisture in impregnated black textile fabrics by hyperspectral imaging	https://doi.org/10.1016/j.porgcoat.2021.106610
Bonifazi, G; Gasbarrone, R; Palmieri, R; Serranti, S	SUSTAINABILITY	2022	End-of-Life Textile Recognition in a Circular Economy Perspective: A Methodological Approach Based on Near Infrared Spectroscopy	https://doi.org/10.3390/su141610249
Li, WX ; Li, F; Zhao, GL; Tang, SJ; Liu, XY	SPECTROSCOPY AND SPECTRAL ANALYSIS	2014	Non-Destructive and Fast Identification of Cotton-Polyester Blend Fabrics by the Portable	https://www.ingentaconnect.com/content/ssa/ssa/2014/0000034/00000012/art00017

			Near-Infrared Spectrometer	
Chen, H; Tan, C; Lin, Z	ANALYTICAL LETTERS	2020	Quantitative Determination of the Fiber Components in Textiles by Near-Infrared Spectroscopy and Extreme Learning Machine	https://doi.org/10.1080/00032719.2019.1683742
Yuan, HF; Chang, RX; Tian,; Song, CF; Yuan, XQ; Li, XY	SPECTROSCOPY AND SPECTRAL ANALYSIS	2010	Study of Nondestructive and Fast Identification of Fabric Fibers Using Near Infrared Spectroscopy	https://www.ingentaconnect.com/content/ssa/ssa/2010/0000030/00000005/art00018
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Chen, H; Lin,; Tan, C	INTERNATIONAL JOURNAL OF CHEMICAL ENGINEERING	2019	Simultaneous Determination of Several Fiber Contents in Blended Fabrics by Near-Infrared Spectroscopy and Multivariate Calibration	https://doi.org/10.1155/2019/8256817
Sun, T; Geng, X; Liu, MH	SPECTROSCOPY AND SPECTRAL ANALYSIS	2014	Determination of Cotton Content in Cotton/Ramie Blended Fabric by NIR	https://www.ingentaconnect.com/content/ssa/ssa/2014/0000034/00000012/art00019

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Sohn, M; Himmelsbach, DS; Akin, DE; Barton, FE	TEXTILE RESEARCH JOURNAL	2005	Fourier transform near-infrared spectroscopy for determining linen content in linen/cotton blend products	https://doi.org/10.1177/0040517505057167
Shi, Y; Li, WX; Zhao, GL; Li, SR; Wang, HP; Zhang, S	SPECTROSCOPY AND SPECTRAL ANALYSIS	2019	NIR Quantitative Model Establishment of Cotton-Polyester Blend Fabrics and Related Problem Exploration	
Church, JS; O'Neill, JA; Woodhead, AL	TEXTILE RESEARCH JOURNAL	1999	A comparison of vibrational spectroscopic methods for analyzing wool/polyester textile blends	https://doi.org/10.1177/004051759906900908
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Chen, H; Tan, C; Lin, Z	VIBRATIONAL SPECTROSCOPY	2019	The feasibility study of non-destructive detection of cashmere by near-infrared spectroscopy and data driven-based class-modeling	https://doi.org/10.1016/j.vibspec.2019.04.006
Peets, P; Kaupmees, K; Vahur, S; Leito, I	HERITAGE SCIENCE	2019	Reflectance FT-IR spectroscopy as a viable option for textile fiber identification	https://doi.org/10.1186/s40494-019-0337-z
Cleve E., Bach E. & Schollmeyer, E	ANALYTICA CHIMICA ACTA	2000	Using chemometric methods and NIR	https://doi.org/10.1016/S0003-2670(00)00888-6

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Mahlamäki, E., Schlapp-Hackl, I., Rissanen, M., Hummel, M., & Mäkelä, M	Resources, Conservation and Recycling	2023	Discriminating the viscoelastic properties of cellulose textile fibers for recycling	https://doi.org/10.1016/j.resconrec.2023.106984
Mäkelä, M., Geladi, P., Rissanen, M., Rautkari, L., Dahl, O	Analytica Chimica Acta	2020	Hyperspectral near infrared image calibration and regression	https://doi.org/10.1016/j.aca.2020.01.019
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