

# Nabil A Ibrahim

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6478221/nabil-a-ibrahim-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95  
papers

1,773  
citations

25  
h-index

37  
g-index

95  
ext. papers

2,020  
ext. citations

5  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
95	An eco-friendly novel approach for attaining wrinkle free/soft-hand cotton fabric. <i>Carbohydrate Polymers</i> , <b>2009</b> , 78, 690-703	10.3	63
94	A novel approach for adding smart functionalities to cellulosic fabrics. <i>Carbohydrate Polymers</i> , <b>2012</b> , 87, 744-751	10.3	61
93	Eco-friendly durable press finishing of cellulose-containing fabrics. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 84, 2243-2253	2.9	61
92	Effect of plasma superficial treatments on antibacterial functionalization and coloration of cellulosic fabrics. <i>Applied Surface Science</i> , <b>2017</b> , 392, 1126-1133	6.7	58
91	Poly(acrylic acid)/poly(ethylene glycol) adduct for attaining multifunctional cellulosic fabrics. <i>Carbohydrate Polymers</i> , <b>2012</b> , 89, 648-60	10.3	58
90	Green synthesis of AuNPs for eco-friendly functionalization of cellulosic substrates. <i>Applied Surface Science</i> , <b>2016</b> , 389, 118-125	6.7	55
89	Loading of chitosan - Nano metal oxide hybrids onto cotton/polyester fabrics to impart permanent and effective multifunctions. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 769-776	7.9	54
88	Antimicrobial activity of cotton fabrics containing immobilized enzymes. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 104, 1754-1761	2.9	50
87	Multifunctional finishing of cellulosic/polyester blended fabrics. <i>Carbohydrate Polymers</i> , <b>2013</b> , 97, 783-930.3	10.3	49
86	Multifunctional cellulose-containing fabrics using modified finishing formulations. <i>RSC Advances</i> , <b>2017</b> , 7, 33219-33230	3.7	47
85	A smart approach to add antibacterial functionality to cellulosic pigment prints. <i>Carbohydrate Polymers</i> , <b>2013</b> , 94, 612-8	10.3	46
84	Combined antimicrobial finishing and pigment printing of cotton/polyester blends. <i>Carbohydrate Polymers</i> , <b>2013</b> , 95, 379-88	10.3	43
83	UV-protecting and antibacterial finishing of cotton knits. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 112, 3589-3596	2.9	41
82	Proper finishing treatments for sun-protective cotton-containing fabrics. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 97, 1024-1032	2.9	41
81	Effect of different capping agents on physicochemical and antimicrobial properties of ZnO nanoparticles. <i>Chemical Papers</i> , <b>2017</b> , 71, 1365-1375	1.9	40
80	The Impact of Nitrogen Plasma Treatment upon the Physical-Chemical and Dyeing Properties of Wool Fabric. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 1123-1132		39
79	Development of new eco-friendly options for cotton wet processing. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 93, 1825-1836	2.9	39

78	Combined UV-protecting and reactive printing of Cellulosic/wool blends. <i>Carbohydrate Polymers</i> , <b>2013</b> , 92, 1386-94	10.3	36
77	Functional finishes of stretch cotton fabrics. <i>Carbohydrate Polymers</i> , <b>2013</b> , 98, 1603-9	10.3	35
76	Antibacterial Properties of Ester-Cross-Linked Cellulose-Containing Fabrics Post-Treated with Metal Salts. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 719-727		35
75	Biosynthesized Silver Nanoparticles for Antibacterial Treatment of Cellulosic Fabrics Using O <sub>2</sub> -Plasma. <i>AATCC Journal of Research</i> , <b>2014</b> , 1, 6-12	1	33
74	A new approach for durable multifunctional coating of PET fabric. <i>Applied Surface Science</i> , <b>2018</b> , 448, 95-103	6.7	30
73	A new approach for imparting durable multifunctional properties to linen-containing fabrics. <i>Carbohydrate Polymers</i> , <b>2017</b> , 157, 1085-1093	10.3	29
72	Green options for imparting antibacterial functionality to cotton fabrics. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 111, 526-533	7.9	28
71	Smart options for simultaneous functionalization and pigment coloration of cellulosic/wool blends. <i>Carbohydrate Polymers</i> , <b>2013</b> , 96, 200-10	10.3	27
70	Functionalization of cellulose-containing fabrics by plasma and subsequent metal salt treatments. <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 908-14	10.3	25
69	Animation of Wood Sawdust for Removing Anionic Dyes from Aqueous Solutions. <i>Polymer-Plastics Technology and Engineering</i> , <b>1997</b> , 36, 963-971		25
68	Utilization of monochloro-triazine $\beta$ -cyclodextrin for enhancing printability and functionality of wool. <i>Carbohydrate Polymers</i> , <b>2013</b> , 92, 1520-9	10.3	24
67	Eco-friendly plasma treatment of linen-containing fabrics. <i>Journal of the Textile Institute</i> , <b>2010</b> , 101, 1035-1049	10.3	24
66	Green Approach for Multifunctionalization of Cellulose-Containing Fabrics. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 2298-2306	2	24
65	Finishing of Cotton Fabrics with Hyperbranched Poly (ester-amine) to Enhance Their Antibacterial Properties and UV Protection. <i>Polymer-Plastics Technology and Engineering</i> , <b>2010</b> , 49, 1297-1304		22
64	Optimization and Modification of Enzymatic Desizing of Starch-Size. <i>Polymer-Plastics Technology and Engineering</i> , <b>2004</b> , 43, 519-538		22
63	Nano-structured metal oxides: synthesis, characterization and application for multifunctional cotton fabric. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , <b>2018</b> , 9, 035014	1.6	21
62	Thermodynamics characterization and potential textile applications of <i>Trichoderma longibrachiatum</i> KT693225 xylanase. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2018</b> , 14, 129-137	4.2	20
61	Green surface modification and nano-multifunctionalization of denim fabric. <i>Cellulose</i> , <b>2018</b> , 25, 6207-6229	10.3	18

60	Enhancing antimicrobial properties of dyed and finished cotton fabrics. <i>Carbohydrate Polymers</i> , <b>2009</b> , 78, 502-510	10.3	18
59	Synthesis of PEG/TDI/F6 Adducts and Utilization as Water/Oil Repellents and Oily Stain Release Finishes for Cotton Fabric. <i>Polymer-Plastics Technology and Engineering</i> , <b>2005</b> , 44, 1189-1201		18
58	Recent developments in sustainable finishing of cellulosic textiles employing biotechnology. <i>Journal of Cleaner Production</i> , <b>2021</b> , 284, 124701	10.3	18
57	New finishing possibilities for producing durable multifunctional cotton/wool and viscose/wool blended fabrics. <i>Carbohydrate Polymers</i> , <b>2015</b> , 119, 182-93	10.3	17
56	Cellulosic/wool pigment prints with remarkable antibacterial functionalities. <i>Carbohydrate Polymers</i> , <b>2015</b> , 115, 559-67	10.3	17
55	Eco-friendly modification and antibacterial functionalization of viscose fabric. <i>Journal of the Textile Institute</i> , <b>2017</b> , 108, 1406-1411	1.5	16
54	Nanomaterials for Antibacterial Textiles <b>2015</b> , 191-216		16
53	UV-Protective Finishing of Cellulose/Wool Blended Fabrics. <i>Polymer-Plastics Technology and Engineering</i> , <b>2007</b> , 46, 905-911		16
52	Improving transfer printing and ultraviolet-blocking properties of polyester-based textiles using MCT-EC, chitosan and ethylenediamine. <i>Coloration Technology</i> , <b>2010</b> , 126, 330-336	2	15
51	Multipurpose Treatment of Cellulose-Containing Fabrics to Impart Durable Antibacterial and Repellent Properties. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 513-521	2	14
50	Preparation of a Chemical Polyblend Sizing Agent via Polymerization of Acrylic Acid with Polyvinyl Alcohol. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 309-315		12
49	Economical and Ecological Biotreatment/Half Bleaching of Cotton-Containing Knit Fabrics on Industrial Scale. <i>Polymer-Plastics Technology and Engineering</i> , <b>2005</b> , 44, 881-899		12
48	New Approach for Improving UV-Protecting Properties of Woven Cotton Fabrics. <i>Polymer-Plastics Technology and Engineering</i> , <b>2005</b> , 44, 919-930		12
47	Biosynthesis, optimization and potential textile application of fungal cellulases/xylanase multifunctional enzyme preparation from <i>Penicillium</i> sp. SAF6. <i>Biocatalysis and Biotransformation</i> , <b>2016</b> , 34, 128-136	2.5	12
46	An Eco-Friendly Multifunctional Nano-Finishing of Cellulose/Wool Blends. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 797-804	2	12
45	New thickening agents for reactive printing of cellulosic fabrics. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 101, 4430-4439	2.9	11
44	Preparation and characterization of carboxylic cation exchange resins from the reaction of poly(vinyl alcohol) with melamine-formaldehyde and some hydroxy acids. <i>Angewandte Makromolekulare Chemie</i> , <b>1993</b> , 210, 7-20		11
43	Environmentally sound approach for imparting antibacterial and UV-protection functionalities to linen cellulose using ascorbic acid. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 135, 88-96	7.9	10

42	Functional Finishes for Cotton-Based Textiles: Current Situation and Future Trends <b>2019</b> , 131-190		10
41	Options for Enhancing Performance Properties of Easy-Care Finished Cellulose/Wool Blended Fabrics. <i>Polymer-Plastics Technology and Engineering</i> , <b>2008</b> , 47, 281-292		10
40	Environmentally benign Scouring of Cotton Knits Using Locally Produced Acid Pectinase Enzyme. <i>Fibers and Polymers</i> , <b>2019</b> , 20, 787-793	2	8
39	Dependence of soiling and soil release of easy care cotton on factors-controlling the finishing treatment. <i>Angewandte Makromolekulare Chemie</i> , <b>1985</b> , 130, 111-124		8
38	Development of functionalized cellulose/wool blended fabrics for high performance textiles. <i>Journal of the Textile Institute</i> , <b>2017</b> , 108, 1728-1738	1.5	7
37	Effective Acid Printing of Protein and Nylon-6 Fabrics Using New Thickening Agents. <i>Polymer-Plastics Technology and Engineering</i> , <b>2008</b> , 47, 389-397		7
36	Improving the Environmental Aspects of Sulphur Dyeing of Cotton Knitted Fabrics. <i>Journal of Natural Fibers</i> , <b>2008</b> , 5, 238-250	1.8	7
35	Synthesis and characterization of polyacrylic acid/dexy 85 and polyacrylic acid/gum arabic adducts. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 101, 4290-4300	2.9	7
34	Concurrent Direct Dyeing and Easy-care Finishing of Viscose and Wool/Viscose Blend Fabrics. <i>Journal of the Textile Institute</i> , <b>1991</b> , 82, 9-17	1.5	7
33	Polymerization of carboxyl group containing monomers with chemical initiators. Part I. Polymerization of acrylic acid. <i>Acta Polymerica</i> , <b>1989</b> , 40, 719-723		7
32	Polymerization of carboxyl group containing monomers with chemical initiators. Part II. Polymerization of methacrylic acid. <i>Acta Polymerica</i> , <b>1990</b> , 41, 59-63		7
31	Studies of some basic aspects in easy-care cotton finishing, IV. Effect of acid scavengers on free formaldehyde in and strength of crosslinked cotton. <i>Angewandte Makromolekulare Chemie</i> , <b>1979</b> , 82, 27-37		7
30	Polysaccharide-Based Polymer Gels and Their Potential Applications. <i>Gels Horizons: From Science To Smart Materials</i> , <b>2018</b> , 97-126		7
29	Polyfunctional cotton cellulose fabric using proper biopolymers and active ingredients. <i>Journal of the Textile Institute</i> , <b>2020</b> , 111, 381-393	1.5	7
28	Enhanced Antibacterial Properties of Polyester and Polyacrylonitrile Fabrics Using Ag-NP Dispersion/Microwave Treatment. <i>AATCC Journal of Research</i> , <b>2014</b> , 1, 13-19	1	6
27	Studies of some basic aspects in easy-care cotton finishing, III. Catalysts. <i>Angewandte Makromolekulare Chemie</i> , <b>1979</b> , 82, 11-25		6
26	Advanced Materials and Technologies for Antimicrobial Finishing of Cellulosic Textiles <b>2018</b> , 301-356		6
25	Enhancing Easy Care and Antibacterial Functions of Cellulose / Wool Blends. <i>Journal of Natural Fibers</i> , <b>2008</b> , 5, 347-365	1.8	5

24	New Approach for Easy-Care Finishing of Woolen Fabric. <i>Polymer-Plastics Technology and Engineering</i> , <b>2005</b> , 44, 1203-1215		5
23	Combined Dyeing and Resin Finishing of Wool/Viscose and Cotton/Wool Blends. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 455-462		5
22	Preparation and characterization of cellulose/glycidyl methacrylate/acrylic acid cation exchange composites. <i>Acta Polymerica</i> , <b>1995</b> , 46, 50-55		5
21	Studies of some basic aspects in easy-care cotton finishing, II. Influence of urea pad on free formaldehyde and strength of crosslinked cotton. <i>Angewandte Makromolekulare Chemie</i> , <b>1979</b> , 81, 95-107		5
20	Upgrading the functional properties of reactive dyed cotton knits. <i>Journal of the Textile Institute</i> , <b>2017</b> , 108, 1634-1642	1.5	4
19	Screening Fungal Endophytes Derived from Under-Explored Egyptian Marine Habitats for Antimicrobial and Antioxidant Properties in Fractionalised Textiles. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	4
18	Synthesis, Characterization, and Application of Poly(Acrylamide)/Poly(Vinyl Alcohol) Polyblends. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 341-350		4
17	Application of MCT-ED to Modify Cellulose/Wool Blended Fabrics for Upgrading Their Reactive Printability and Antibacterial Functionality. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 1655-1662	2	4
16	A New Approach for Enhancing Dyeing Properties of Jute-Based Textiles. <i>Journal of Natural Fibers</i> , <b>2011</b> , 8, 205-239	1.8	3
15	An Integrated Approach for the Production of Value-Added and Innovative Jute-Containing Fabrics. <i>Journal of Natural Fibers</i> , <b>2009</b> , 6, 56-82	1.8	3
14	Optimization of the Desizability of Water-Soluble Sizes. Part VI: Washing-out Trials on CMS-Size. <i>Starch/Staerke</i> , <b>1991</b> , 43, 179-182	2.3	3
13	Environmentally Sound Dyeing of Cellulose-Based Textiles <b>2019</b> , 79-99		2
12	A novel treatment for multifunctional finishing and reactive dyeing of polyamide-6/cotton blend. <i>Journal of the Textile Institute</i> , <b>2011</b> , 102, 863-869	1.5	2
11	Effect of Size Formulation on Sizability and Desizability of Some Soluble Sizes. <i>Polymer-Plastics Technology and Engineering</i> , <b>1997</b> , 36, 105-121		2
10	Union Dyeing of Easy Care-Finished Wool/Viscose and Cotton/Wool Blends. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 447-453		2
9	Enzymatic Treatment of Pigment Prints. <i>Polymer-Plastics Technology and Engineering</i> , <b>2006</b> , 45, 799-807		2
8	Eco-Friendly Sulfur Dyeing of Cellulosic Woven Fabrics. <i>Polymer-Plastics Technology and Engineering</i> , <b>2005</b> , 44, 1059-1078		2
7	Fabrication, characterization, and potential application of modified sawdust sorbents for efficient removal of heavy metal ions and anionic dye from aqueous solutions. <i>Journal of Cleaner Production</i> , <b>2022</b> , 332, 130021	10.3	2

6	Sustainable colorants for protective textiles <b>2020</b> , 569-629		2
5	Chitosan -Based Composite Materials: Fabrication and Characterization <b>2017</b> , 103-136		1
4	An eco-friendly facile approach for imparting multifunctional protection properties to cellulose/wool blends. <i>Polymer Bulletin</i> ,1	2.4	1
3	Durable surface functionalisation and pigment coloration of cellulosic fabrics using bioactive additives. <i>Coloration Technology</i> , <b>2021</b> , 137, 645	2	1
2	The potential use of nanotechnology for antimicrobial functionalization of cellulose-containing fabrics <b>2021</b> , 429-451		0
1	Sustainable textile finishing processes and pollution control based on enzyme technology <b>2021</b> , 385-415		