

RESEARCH PUBLICATIONS (2009-12)

Sr No	Author(s)	Paper/Chapter Title	Journal/Book Title	Year	Vol	Pages
1.	Dr. Zulfiqar ali Malik , Dr. Mumtaz Hassan Malik, Dr. Anwaruddin Tanwari and Noman Haleem	Predicting the Tensile Strength of Polyester/Cotton Blended Woven Fabrics Using Feed Forward Back Propagation Artificial Neural Networks	Fibers and Polymers	2012		Accepted
2.	Dr. Zulfiqar ali Malik	Multiple Response Optimization of Rotor Yarn for Strength, Unevenness, Hairiness and Imperfections Fibers and Polymers	Fibers and Polymers	2012	13(1)	118-122
3.	Qaisar Abbas , M. Emre Celebi and Irene Fondón	A Novel Perceptually-Oriented Approach for Skin Tumor Segmentation	International Journal of Innovative Computing, Information and Control	2012	8 (3)	1-12 In press
4.	Qaisar Abbas , M. Emre Celebi and Irene Fondón	Computer-aided pattern classification system for dermoscopy images	Journal of skin research and Technology	2011	17	1-12
5.	Zulfiqar Ali Malik , Tanveer Hussain & Mumtaz Hasan Malik	Development of Models to Predict Tensile Strength of Cotton Woven Fabrics	Journal of Engineered Fibers and Fabrics	2011	6(4)	46-53
6.	Zulfiqar Ali Malik , Tanveer Hussain & Mumtaz Hassan Malik	Modeling tensile strength of woven fabrics made from polyester/cotton blended warp yarns and 100% cotton weft yarns	Industria Textila	2011	62	44-49
7.	Zulfiqar Ali Malik , Tanveer Hussain & Mumtaz Hassan Malik & A Tanwari	Selection of yarn for the predefined tensile strength of cotton woven fabrics	Fibers & Polymers	2011	12	281-287
8.	T. Mahmood, M.T. Saddique , A. Naeem, P. Westerhoff, S. Mustafa & A. Alum	Comparison of different methods for the point of zero charge determination of NiO.	<i>Ind. Eng. Chem. Res.</i>	2011	50	10017-10023
9.	T. Mahmood, M.T. Saddique , A. Naeem & S. Mustafa	Kinetic and thermodynamic study of Cd (II), Co (II) and Zn (II) adsorption from aqueous solution by NiO.	<i>Chem. Eng. J.</i>	2011	171	935-940
10.	A. Naeem, M.T. Saddique & S. Mustafa	Cation Exchange sorption of Zn by NiO.	<i>NonCrystalline Solid</i>	2011	357	1016-1020
11.	T. Mahmood, M.T. Saddique , A. Naeem & S. Mustafa	Cation Exchange sorption of Cd by NiO.	<i>J. Hazard. Mater.</i>	2011	185	824-828

12.	M. Safdar, S. Mustafa, A. Naeem, S. Tasleem & M.T. Saddique	The effect of sorption on Ni, Co, Cu and Cd precipitation.	<i>Desalination</i>	2011	266	171-174
13.	M Miraftab, J Barnabas, Rashid Masood & JF Kennedy	Antimicrobial properties of alginate-chitosan (alchite) fibers developed for wound care applications	Journal of Industrial Textiles	2011	40	345-360
14.	T Mahmood, MT Saddique, A Naeem, S Mustafa, B Dilara & Zulfiqar Ali Raza	Cation exchange removal of Cd from aqueous solution by NiO	Journal of Hazardous Materials	2011	85	824-828
15.	R Zamiri, BZ Azmi, E Shahriari, Zahid Rizwan , et al.	Thermal diffusivity measurement of copper nanofluid using pulsed laser thermal lens technique	Journal of Laser Applications	2011	-	In press
16.	M Sabri, M Ghazali, A Zakaria, Zahid Rizwan , et al.	Use of a reflectance spectroscopy accessory for optical characterization of ZnO-Bi ₂ O ₃ -TiO ₂ ceramics	International Journal of Molecular Sciences	2011	12	1496-1504
17.	Zahid Rizwan , A Zakaria, MGM Sabri, et al.	Optical characterization of the Bi ₂ O ₃ , TiO ₂ and MnO ₂ doped ZnO ceramics	Journal of Optoelectronics & Advanced Materials	2011	13	395-398
18.	Zahid Rizwan , BZ Azmi & MGM Sabri	Effect of heat treatment on the optical properties of ceramic ZnO – MnO - Dy ₂ O ₃	International Journal of Physical Sciences	2011	6	523-528
19.	Zahid Rizwan , BZ Azmi, & MGM Sabri	Effect of annealing temperature on the optical properties of nanostructured CdS films prepared by chemical bath deposition technique	Optoelectronics & Advanced Materials- Rapid Communications	2011	5	393-397
20.	Zahid Rizwan , A Zakaria, MSM Ghazali, et al.	Effect of annealing temperature on the optical spectra of CdS thin films deposited at low solution concentrations by chemical bath deposition (CBD) Technique	International Journal of Molecular Sciences	2011	12	1293-1305
21.	Zahid Rizwan , A Zakaria & MSM Ghazali	Photopyroelectric spectroscopic studies of ZnO-MnO ₂ -Co ₃ O ₄ -V ₂ O ₅ ceramics	International Journal of Molecular Sciences	2011	12	1625-1632
22.	Zahid Rizwan , MGM Sabri & BZ Azmi	Photopyroelectric characteristics of Pr ₆ O ₁₁ – ZnO ceramic composites	International Journal of Physical Sciences	2011	6	79-83
23.	Mumtaz Hassan Malik , Tanveer Hussain & A Shaukat	Contribution of different global varieties of cotton towards water hardness in textile wet processing	Pakistan Journal of Scientific & Industrial Research	2011	54	48-51
24.	Zulfiqar Ali Malik , A Tanwari & HR Sheikh	Influence of plain and twill (3/1) weave designs on the tensile strength of PC blended fabrics	Mehran University Research Journal of Engineering & Technology	2011	30	23-28
25.	MGM Sabri, BZ Azmi, Zahid Rizwan , MK Halimah et al.	Effect of temperature treatment on the optical characterization of ZnO-Bi ₂ O ₃ -TiO ₂ varistor ceramics	International Journal of Physical Sciences	2011	6	1388-1394

26.	Mumtaz Hassan Malik & Tanveer Hussain	Effect of percentage of short-fibres removal from cotton in spinning on the properties of dyed polyester/cotton blended knitted fabrics	Journal of the Textile Institute	2011	102	70-76
27.	Zulfiqar Ali Malik, Tanveer Hussain & A Tanwari	Predicting tensile strength of yarns required for producing PET/cotton blended woven fabrics of a pre-defined tensile strength	Fibers & Polymers	2010	11	487-493
28.	Z.A. Raza, Z.M. Khalid, M.S. Khan, I.M. Banat, A. Rehman, A. Naeem & M.T. Saddique	Surface properties and subsurface aggregate assimilation of rhamnolipid surfactants in different aqueous systems.	<i>Biotechnol. Lett.</i>	2010	32	811-816
29.	S Ali & Tanveer Hussain	Effect of tannic acid and metallic mordants on the dyeing properties of natural dye extracted from Acacia nilotica bark	Asian Journal of Chemistry	2010	22	7065-7069
30.	Tanveer Hussain, Zulfiqar Ali Malik & A Tanwari	Prediction of tensile strength of polyester/cotton blended woven fabrics	Indian Journal of Fiber & Textile Research	2010	35	243-249
31.	Tanveer Hussain, S Ali & F Qaiser	Predicting the crease recovery performance and tear strength of cotton fabric treated with modified N-methylol Dihydroxyethelene Urea and Polyethylene softener	Coloration Technology	2010	126	1-5
32.	Rashid Masood & M Miraftab	Psyllium: current and future applications	Medical and Healthcare Textiles	2010	75	244-253
33.	Zulfiqar Ali Malik & Mumtaz Hassan Malik	Predicting strength transfer efficiency of warp and weft yarns in woven fabrics using adaptive neuro-fuzzy inference system	Indian Journal of Fibres & Textile Research	2010	35	310-316
34.	AR Horrocks, S Nazare & Rashid Masood	Surface modification of fabrics for improved flash-fire resistance using atmospheric pressure plasma in the presence of a functionalized clay and polysiloxane	Polymers for Advanced Technologies	2010	22	22-29
35.	Nauman Afzal, N Ramzan, M Zafar & S Naveed	RDAC profiler for dispersion modeling of released gas	Journal of Quality & Technology Management	2010	6	185-208
36.	Muhammad Tahir Hussain, NH Rama & KM Khan	A novel unusual isocoumarin derivative, 3 <i>H</i> -Furo[3,4- <i>c</i>]isochromene-1,5-dione	Letters in Organic Chemistry	2010	7	557-560
37.	I Khan, S Ali, S Hameed, NH Rama, Muhammad Tahir Hussain, et al.	Synthesis, antioxidant activities and urease inhibition of some new 1,2,4-triazole and 1,3,4-thiadiazole derivatives	European Journal of Medicinal Chemistry	2010	45	5200-5207
38.	Zulfiqar Ali Raza, ZM Khalid, MS Khan, IM Banat, et al.	Surface properties and subsurface aggregate assimilation of rhamnolipid surfactants in different aqueous systems	Biotechnology Letters	2010	32	811-816

39.	A Rehman, Zulfiqar Ali Raza , S Rehman, ZM Khali, et al.	Synthesis and use of self-assembled rhamnolipid microtubules as templates for gold nanoparticles assembly to form gold microstructures	Journal of Colloid & Interface Science	2010	347	332-335
41.	A Jafari, Zahid Rizwan , MSM Ghazali et al.	Optical and structural characterization of air-annealed CdS film prepared by chemical bath deposition (CBD) technique	Chalcogenide Letters	2010	7	641-646
42.	Zahid Rizwan , A Zakaria, MGM Sabri, et al.	Characterization of cds nanocrystalline thin films grown by CBD technique at very low solution concentrations	Chalcogenide Letters	2010	7	471-476
43.	Zahid Rizwan , A Zakaria, M Norizam, et al.	Characterization of nanostructured CDS film deposited at low growth rate using CBD technique	Chalcogenide Letters	2010	7	423-429
44.	X Deng, Z Tian, S Fan & Muhammad Abrar	The prediction of firm's competitive response from non market and market perspective: Evidence from China	Nankai Business Review International	2010	1	416-443
45.	Mohsin Amin, Ammarah Maqbool	Teaching Fashions:	Teaching Fashions: Effectiveness of Inquiry Method in Teaching of Biology	2010	1	50-68
46.	A. Afaq, Iftikhar ahmad, M. A. Ahmad, R. Rashid, B. A. Tahir & Muhammad T. Hussain	Interferences in photodetachment of a triatomic negative ion,	Applied Physics Letters	2009	94