A K Haghi

List of Publications by Year
in descending order

61	1,113	430442	433756
papers	citations	18 h-index	31 g-index

80	80	80	1466
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tunable wicking behavior via titanium oxide embedded in polyacrylonitrile nanofiber strings of yarn. Polymer Bulletin, 2020, 77, 307-322.	1.7	9
2	Investigation of Elastic-Plastic Transitional Stresses in Zirconia-Based Ceramic Dental Implants under Uniaxial Compression. , 2020, , 97-110.		0
3	A Retrospective Assessment of Elastic-Plastic and Creep Deformation behavior in Structural Components Like Discs, Cylinders, and Shells. , 2020, , 81-95.		0
4	SURFACE ROUGHNESS OF ELECTROSPUN NANOFIBROUS MATS BY A NOVEL IMAGE PROCESSING TECHNIQUE. Surface Review and Letters, 2019, 26, 1830005.	0.5	4
5	An authenticated theoretical modeling of electrified fluid jet in coreâ€“shell nanofibers production. Journal of Industrial Textiles, 2018, 47, 1791-1811.	1.1	7
6	Effect of multi wall carbon nanotubes on characteristics and morphology of nanofiber scaffolds composited of MWNTs/silk fibroin. Advanced Powder Technology, 2017, 28, 775-784.	2.0	9
7	A Simple Model for Solvent Evaporation in Electrospinning Process. Nano, 2017, 12, 1750028.	0.5	4
8	A Novel User-Friendly Image Analysis Technique for Determination of Electrospun Nanofibrous Mats Thickness. Nano, 2017, 12, 1750130.	0.5	1
9	Controlling the Stability of Fluid Jet in the Electrospinning of Fibers: Mathematical Modeling. , 2017, , 1-12.		0
10	Comparative Study on Adsorptive Characteristics of Diazinon and Chlorpyrifos from Water by Thermosensitive Nanosphere Polymer. Journal of Chemistry, 2016, 2016, 1-7.	0.9	12
11	Comfortable textile-based electrode for wearable electrocardiogram. Sensor Review, 2015, 35, 20-29.	1.0	27
12	Computational-Based Approach for Predicting Porosity of Electrospun Nanofiber Mats Using Response Surface Methodology and Artificial Neural Network Methods. Journal of Macromolecular Science - Physics, 2015, 54, 1404-1425.	0.4	12
13	Ubiquitous IoT structure via homogeneous data type modelling. , 2014, , .		4
14	Characteristic assessment of stabilized polyacrylonitrile nanowebs for the production of activated carbon nano-sorbents. Chinese Journal of Polymer Science (English Edition), 2014, 32, 449-457.	2.0	13
15	Dynamic modeling for sportswomen health. Sport Sciences for Health, 2013, 9, 73-79.	0.4	2
16	Water Hammer Modelling and Simulation by GIS. Modelling and Simulation in Engineering, 2012, 2012, 1-4.	0.4	3
17	Conductive chitosan/multi walled carbon nanotubes electrospun nanofiber feasibility. Korean Journal of Chemical Engineering, 2012, 29, 111-119.	1.2	20
18	A study on electrospinning of polyacrylonitrile nanofibers. Korean Journal of Chemical Engineering, 2011, 28, 114-118.	1.2	18

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19	Electrospun nanofibers with application in nanocomposites. Korean Journal of Chemical Engineering, 2011, 28, 428-439.	1.2	16
20	A study on the effects of laminating temperature on the polymeric nanofiber web. Korean Journal of Chemical Engineering, 2011, 28, 445-448.	1.2	11
21	Prediction of nanofiber diameter for improvements in incorporation of multilayer electrospun nanofibers. Korean Journal of Chemical Engineering, 2011, 28, 751-755.	1.2	6
22	Fabrication of nanostructured and multicompartmental fabrics based on electrospun nanofibers. Korean Journal of Chemical Engineering, 2011, 28, 763-769.	1.2	5
23	Consequence of chitosan treating on the adsorption of humic acid by granular activated carbon. Journal of Hazardous Materials, 2011, 191, 380-387.	6.5	68
24	PAN monofilament in nanoscale: a novel approach. E-Polymers, 2011, 11, .	1.3	2
25	Development and characterization of highly oriented PAN nanofiber. Brazilian Journal of Chemical Engineering, 2010, 27, 583-589.	0.7	20
26	A new approach for optimization of electrospun nanofiber formation process. Korean Journal of Chemical Engineering, 2010, 27, 340-354.	1.2	67
27	The electroless plating of Cu-Ni-P alloy onto cotton fabrics. Korean Journal of Chemical Engineering, 2010, 27, 1145-1149.	1.2	30
28	Some aspects of physical and numerical modeling of water hammer in pipelines. Nonlinear Dynamics, 2010, 60, 677-701.	2.7	23
29	Electrospinning of polyaniline-polyacrylonitrile blend nanofibers. E-Polymers, 2009, 9, .	1.3	14
30	Application of direct tracking method for measuring electrospun nanofiber diameter. Brazilian Journal of Chemical Engineering, 2009, 26, 53-62.	0.7	42
31	A numerical study on drying of porous media. Korean Journal of Chemical Engineering, 2008, 25, 191-198.	1.2	9
32	Distance transform algorithm for measuring nanofiber diameter. Korean Journal of Chemical Engineering, 2008, 25, 905-918.	1.2	24
33	Simulated image of electrospun nonwoven web of PVA and corresponding nanofiber diameter distribution. Korean Journal of Chemical Engineering, 2008, 25, 919-922.	1.2	17
34	Evaluation of electrospun nanofiber pore structure parameters. Korean Journal of Chemical Engineering, 2008, 25, 923-932.	1.2	74
35	A study on characterization of pack-cemented aluminide coating on metals. Journal of Materials Processing Technology, 2008, 201, 669-672.	3.1	8
36	Numerical study of heat transfer and water flow velocities in microchannels with electrical double layers. Theoretical Foundations of Chemical Engineering, 2008, 42, 211-215.	0.2	1

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37	Measuring Electrospun Nanofibre Diameter: a Novel Approach. Chinese Physics Letters, 2008, 25, 3071-3074.	1.3	10
38	Flexural Toughness and Crack Strength of Fiber Reinforced Cementitious Composite. Key Engineering Materials, 2008, 385-387, 337-340.	0.4	1
39	Properties of cementitious composites containing polypropylene fiber waste. Composite Interfaces, 2008, 15, 867-879.	1.3	4
40	Analysis of heat and mass transfer during microwave drying of food products. Brazilian Journal of Chemical Engineering, 2008, 25, 491-501.	0.7	58
41	COMBINED INFRARED AND MICROWAVE DRYING OF WOOD. , 2007, , .		1
42	Evaluation of reinforcement on the mechanical behavior of partially bonded fiber/matrix interface. Composite Interfaces, 2007, 14, 647-668.	1.3	1
43	Heat transfer in porous media. Brazilian Journal of Chemical Engineering, 2007, 24, 223-232.	0.7	3
44	Trends in electrospinning of natural nanofibers. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 1830-1834.	0.8	214
45	A New Image Analysis Based Method for Measuring Electrospun Nanofiber Diameter. Nanoscale Research Letters, 2007, 2, .	3.1	38
46	HEAT AND MASS TRANSFER IN THERMAL DRYING OF WOOL: A THEORETICAL APPROACH. , 2007, , .		7
47	OPTIMIZATION OF LEATHER DRYING PROCESS. , 2007, , .		1
48	A SURVEY ON THE IMPACTS OF DRYING METHODS ON THE QUALITY OF DRIED WOOD. , 2007, , .		0
49	A STUDY ON COMBINED INFRARED-MICROWAVE DRYING PROCESS OF TUFTED TEXTILE MATERIALS. , 2007, , .		0
50	Liquidâ€“liquid equilibrium data for water+ethanol+trans-decalin: Measurement and predication. Fluid Phase Equilibria, 2006, 243, 45-50.	1.4	14
51	Liquidâ€“liquid equilibria of (water+2,3-butanediol+2-ethyl-1-hexanol) at several temperatures. Fluid Phase Equilibria, 2006, 247, 199-204.	1.4	29
52	Transport phenomena in porous media: A review. Theoretical Foundations of Chemical Engineering, 2006, 40, 14-26.	0.2	23
53	Applications of expanded polystyrene (EPS) beads and polyamide-66 in civil engineering, Part One: Lightweight polymeric concrete. Composite Interfaces, 2006, 13, 441-450.	1.3	20
54	Applications of expanded polystyrene (EPS) beads and polyamide 66 in civil engineering, Part Two: Stabilization of clayey sand by lime/polyamide-66. Composite Interfaces, 2006, 13, 451-459.	1.3	5

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55	A study of heat and mass transfer in porous material under equilibrium conditions. Theoretical Foundations of Chemical Engineering, 2005, 39, 200-203.	0.2	5
56	Moisture permeation of clothing. Journal of Thermal Analysis and Calorimetry, 2004, 76, 1035-1055.	2.0	26
57	Thermal analysis of drying process. Journal of Thermal Analysis and Calorimetry, 2003, 74, 827-842.	2.0	10
58	A Mathematical Approach for Evaluation of Surface Topography Parameters. Acta Polytechnica, 2002, 42, .	0.3	2
59	A Mathematical Model of theDrying Process. Acta Polytechnica, 2001, 41, .	0.3	11
60	Experimental Investigations on Drying of Porous Media Using Infrared Radiation. Acta Polytechnica, 2001, 41, .	0.3	7
61	Adapting Engineering Education to the New Century. , 0, , 30-41.		3