Muzafar A Kanjwal

List of Publications by Year
in descending order

48 papers	2,042 citations	257450 24 h-index	233421 45 g-index
48 all docs	48 docs citations	48 times ranked	2926 citing authors

#	Article	IF	Citations
1	Composites of Ceramic and Polymeric Nanofibers for Photocatalytic Degradation of Dairy Effluent. , 2020, , 149-164.		0
2	Electrospun Nanofibers of p-Type CuO/n-type TZB-Gr Heterojunctions with Enhanced Photocatalytic Activity. Materials Chemistry and Physics, 2019, 232, 475-484.	4.0	7
3	Graphene composite nanofibers as a high-performance photocatalyst for environmental remediation. Separation and Purification Technology, 2019, 215, 602-611.	7.9	24
4	Titanium based composite-graphene nanofibers as high-performance photocatalyst for formaldehyde gas purification. Ceramics International, 2019, 45, 5617-5626.	4.8	18
5	Composite nanofibers/water photosplitting and photocatalytic degradation of dairy effluent. Separation and Purification Technology, 2018, 192, 160-165.	7.9	6
6	Hybrid matrices of ZnO nanofibers with silicone for high water flux photocatalytic degradation of dairy effluent. Materials Chemistry and Physics, 2016, 181, 495-500.	4.0	7
7	Hybrid matrices of TiO2 and TiO2â€“Ag nanofibers with silicone for high water flux photocatalytic degradation of dairy effluent. Journal of Industrial and Engineering Chemistry, 2016, 33, 142-149.	5.8	15
8	Electrospun NiO, ZnO and composite NiOâ€“ZnO nanofibers/photocatalytic degradation of dairy effluent. Ceramics International, 2015, 41, 12229-12236.	4.8	31
9	Photocatalytic degradation of dairy effluent using AgTiO2 nanostructures/polyurethane nanofiber membrane. Ceramics International, 2015, 41, 9615-9621.	4.8	24
10	Electrospun polyvinyl-alcohol nanofibers as oral fast-dissolving delivery system of caffeine and riboflavin. Colloids and Surfaces B: Biointerfaces, 2013, 103, 182-188.	5.0	257
11	Influence of temperature on the photodegradation process using Ag-doped TiO2 nanostructures: Negative impact with the nanofibers. Journal of Molecular Catalysis A, 2013, 366, 333-340.	4.8	113
12	Influences of Morphology and Doping on the Photoactivity of TiO2 Nanostructures. Engineering Materials, 2013, , 105-141.	0.6	0
13	A simple approach for synthesis, characterization and bioactivity of bovine bones to fabricate the polyurethane nanofiber containing hydroxyapatite nanoparticles. EXPRESS Polymer Letters, 2012, 6, 41-53.	2.1	33
14	Zinc oxide's hierarchical nanostructure and its photocatalytic properties. Applied Surface Science, 2012, 258, 3695-3702.	6.1	36
15	Oxidative stress-mediated cytotoxicity and apoptosis induction by TiO2 nanofibers in HeLa cells. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 324-333.	4.3	59
16	Preparing photochromic nanofibers and animal cells using a photochromic compound of 1â€²,3â€²,3â€²-trimethyl-6-nitrospiro (2H-1-benzopyran-2,2â€²-indoline). Colloids and Surfaces B: Biointerfaces, 2012, 89, 67-72.	5.0	12
17	Preparing poly (caprolactone) micro-particles through solvent-induced phase separation. Materials Letters, 2012, 75, 189-191.	2.6	4
18	Titanium Dioxide Nanofibers and Microparticles Containing Nickel Nanoparticles. ISRN Nanomaterials, 2012, 2012, 1-8.	0.7	12

#	Article	IF	Citations
19	Nanobiotechnology approach to fabricate polycaprolactone nanofibers containing solid titanium nanoparticles as future implant materials. International Journal of Materials Research, 2011, 102, 1481-1487.	0.3	3
20	Influences of Silver-Doping on the Crystal Structure, Morphology and Photocatalytic Activity of TiO₂ Nanofibers. Materials Sciences and Applications, 2011, 02, 1188-1193.	0.4	4
21	Synthesis and characterization of bovine femur bone hydroxyapatite containing silver nanoparticles for the biomedical applications. Journal of Nanoparticle Research, 2011, 13, 1917-1927.	1.9	58
22	Fabrication of poly(caprolactone) nanofibers containing hydroxyapatite nanoparticles and their mineralization in a simulated body fluid. Fibers and Polymers, 2011, 12, 50-56.	2.1	11
23	Pointâ€bonded electrospun polystyrene fibrous mats fabricated via the addition of poly(butylacrylate) adhesive. Polymer Engineering and Science, 2011, 51, 894-901.	3.1	4
24	Polyurethane nanofibers containing copper nanoparticles as future materials. Applied Surface Science, 2011, 257, 3020-3026.	6.1	91
25	Co3O4â€“ZnO hierarchical nanostructures by electrospinning and hydrothermal methods. Applied Surface Science, 2011, 257, 7975-7981.	6.1	27
26	Fabrication of Mineralized Collagen from Bovine Waste Materials by Hydrothermal Method as Promised Biomaterials. Journal of Biomaterials and Tissue Engineering, 2011, 1, 194-197.	0.1	7
27	Co3O4, ZnO, Co3O4-ZnO Nanofibers and Their Properties. Journal of Nanoengineering and Nanomanufacturing, 2011, 1, 196-202.	0.3	10
28	Functionalization of Electrospun Titanium Oxide Nanofibers with Silver Nanoparticles: Strongly Effective Photocatalyst. International Journal of Applied Ceramic Technology, 2010, 7, E54.	2.1	49
29	Gallium arsenide (GaAs) nanofibers by electrospinning technique as future energy server materials. Fibers and Polymers, 2010, 11, 384-390.	2.1	9
30	Effects of silver content and morphology on the catalytic activity of silver-grafted titanium oxide nanostructure. Fibers and Polymers, 2010, 11, 700-709.	2.1	36
31	Synthesis of poly(vinyl alcohol) (PVA) nanofibers incorporating hydroxyapatite nanoparticles as future implant materials. Macromolecular Research, 2010, 18, 59-66.	2.4	50
32	Photocatalytic activity of ZnO-TiO2 hierarchical nanostructure prepared by combined electrospinning and hydrothermal techniques. Macromolecular Research, 2010, 18, 233-240.	2.4	81
33	Boron nitride nanofibers by the electrospinning technique. Macromolecular Research, 2010, 18, 551-557.	2.4	18
34	Electrospun titanium dioxide nanofibers containing hydroxyapatite and silver nanoparticles as future implant materials. Journal of Materials Science: Materials in Medicine, 2010, 21, 2551-2559.	3.6	26
35	Electronic characterization and photocatalytic properties of TiO2/CdO electrospun nanofibers. Journal of Materials Science, 2010, 45, 1272-1279.	3.7	52
36	Physiochemical characterizations of electrospun (ZnOâ€“GeO2) nanofibers and their optical properties. Journal of Materials Science, 2010, 45, 3833-3840.	3.7	6

#	Article	IF	Citations
37	Silver Nanofibres by a Novel Electrospinning Process: Nanofibres with Plasmon Resonance in the IR Region and Thermal Hysteresis Electrical Conductivity Features. European Journal of Inorganic Chemistry, 2010, 2010, 1481-1488.	2.0	13
38	Self synthesize of silver nanoparticles in/on polyurethane nanofibers: Nanoâ€biotechnological approach. Journal of Applied Polymer Science, 2010, 115, 3189-3198.	2.6	37
39	Fabrication of titanium dioxide nanofibers containing hydroxyapatite nanoparticles. Applied Surface Science, 2010, 257, 296-301.	6.1	13
40	Polymeric nanofibers containing solid nanoparticles prepared by electrospinning and their applications. Chemical Engineering Journal, 2010, 156, 487-495.	12.7	105
41	CoNi Bimetallic Nanofibers by Electrospinning: Nickel-Based Soft Magnetic Material with Improved Magnetic Properties. Journal of Physical Chemistry C, 2010, 114, 15589-15593.	3.1	117
42	Electrospun Titania Oxide Nanofibers Coupled Zinc Oxide Nanobranches as a Novel Nanostructure for Lithium Ion Batteries Applications. Bioceramics Development and Applications, 2010, 1, 1-3.	0.3	4
43	Novel self-assembled amphiphilic poly(Îµ-caprolactone)-grafted-poly(vinyl alcohol) nanoparticles: hydrophobic and hydrophilic drugs carrier nanoparticles. Journal of Materials Science: Materials in Medicine, 2009, 20, 821-831.	3.6	60
44	Electrospun antimicrobial polyurethane nanofibers containing silver nanoparticles for biotechnological applications. Macromolecular Research, 2009, 17, 688-696.	2.4	139
45	Preparation of nanofibers consisting of MnO/Mn3O4 by using theÂelectrospinning technique: the nanofibers have two band-gap energies. Applied Physics A: Materials Science and Processing, 2009, 95, 769-776.	2.3	36
46	Spider-net within the N6, PVA and PU electrospun nanofiber mats using salt addition: Novel strategy in the electrospinning process. Polymer, 2009, 50, 4389-4396.	3.8	208
47	Physiochemical characterizations of nanobelts consisting of three mixed oxides (Co3O4, CuO, and) Tj ETQq1 1 0.784314 rgBT /Overlo	3.7	25
48	Surface Plasmon Resonances, Optical Properties, and Electrical Conductivity Thermal Hystersis of Silver Nanofibers Produced by the Electrospinning Technique. Langmuir, 2008, 24, 11982-11987.	3.5	85