Meral KarakÄ±Åla

List of Publications by Year
in descending order

43 papers	649 citations	858243 12 h-index	685536 24 g-index
43 all docs	43 docs citations	43 times ranked	832 citing authors

#	Article	IF	Citations
1	The chemical synthesis of conductive polyaniline doped with dicarboxylic acids. European Polymer Journal, 2004, 40, 785-791.	2.6	117
2	Synthesis and Properties of Oxalic Acid-doped Polyaniline. Polymer International, 1996, 39, 153-159.	1.6	55
3	Polyaniline grafted polyacylonitrile conductive composite fibers for reversible immobilization of enzymes: Stability and catalytic properties of invertase. Process Biochemistry, 2009, 44, 880-885.	1.8	46
4	Preparation, Characterization and Electromagnetic Shielding Effectiveness of Conductive Polythiophene/Poly(ethylene terephthalate) Composite Fibers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 473-482.	1.2	45
5	Polypyrrole and silver particles coated poly(ethylene terephthalate) nonwoven composite for electromagnetic interference shielding. Journal of Composite Materials, 2018, 52, 1353-1362.	1.2	38
6	Conductive polyaniline/poly(methyl methacrylate) films obtained by electropolymerization. Journal of Applied Polymer Science, 1996, 59, 1347-1354.	1.3	30
7	The adsorption of Cu(II) ion from aqueous solution upon acrylic acid grafted poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.3	28
8	Conducting polyaniline/kaolinite composite: Synthesis, characterization and temperature sensing properties. Materials Chemistry and Physics, 2009, 118, 93-98.	2.0	27
9	Synthesis, characterization, conductivity and antimicrobial study of a novel thermally stable polyphenol containing azomethine group. Journal of Molecular Structure, 2016, 1123, 153-161.	1.8	23
10	Highly effective and recoverable Pd(II) catalyst immobilized on thermally stable Schiff base polymer containing phenol group: Production, characterization and application in Suzuki coupling reactions. Journal of Organometallic Chemistry, 2018, 866, 87-94.	0.8	23
11	Conductive polyaniline/polyacrylonitrile composite fibers: Effect of synthesis parameters on polyaniline content and electrical surface resistivity. Polymer Composites, 2009, 30, 1618-1624.	2.3	17
12	Conductive potassium feldspar/polyaniline composites prepared by in situ chemical polymerization. Synthetic Metals, 2007, 157, 702-707.	2.1	13
13	The preparation of polyaniline/polypyrrole conductive polymer films on polycarbonate-coated Pt electrodes. Journal of Polymer Science Part A, 2000, 38, 51-59.	2.5	12
14	Preparation of hydrophilic woven fabrics: Surface modification of poly(ethylene terephthalate) by grafting of poly(vinyl alcohol) and poly(vinyl alcohol)â€gâ€(Nâ€vinylâ€2â€pyrrolidone). Journal of Applied Polymer Science, 2020, 137, 48584.	1.3	12
15	Preparation of methacrylamide grafted and dyeâ€ligand immobilized PET fibers: Studies of adsorption and purification of lysozyme. Journal of Applied Polymer Science, 2008, 108, 3313-3323.	1.3	11
16	Preparation of Poly(ethylene terephthalate)â€gâ€Methacrylamide Copolymers Initiated by Azobisizobutyronitrile: Characterization and Investigation of Some Properties. Journal of Macromolecular Science - Pure and Applied Chemistry, 2008, 45, 276-280.	1.2	11
17	Polypyrrole/polyaniline conductive films obtained electrochemically on polycarbonate-coated platinum electrodes. Polymer International, 2002, 51, 1371-1377.	1.6	10
18	Graft Polymerization of Methacrylamide onto Poly(ethylene terephthalate) Fibers with Benzoyl Peroxide as Initiator and their Characterization. Macromolecular Chemistry and Physics, 2004, 205, 1995-2001.	1.1	10

#	ARTICLE	IF	CITATIONS
19	Preparation and characterization of conductive polypyrrole/kaolinite composites. Materials Science in Semiconductor Processing, 2013, 16, 845-850.	1.9	10
20	Morphologically different silver particles decorated- conductive poly(o-anisidine)/wool fabric composites and investigation of catalytic activity in reduction of methylene blue. Materials Chemistry and Physics, 2019, 225, 72-83.	2.0	10
21	Synthesis of Poly(o-toluidine) in DMF/Water Mixture Using Benzoyl Peroxide. International Journal of Polymer Analysis and Characterization, 2009, 14, 403-417.	0.9	9
22	Hydrophobic modification of kaolinite by coating with the conductive polythiophene and investigation of the usability as the environmental-based sensors. Chemical Papers, 2021, 75, 123-137.	1.0	9
23	A 316 steel electrode coated with polycarbonate for electropolymerization of aniline. Journal of Applied Polymer Science, 1997, 65, 1103-1111.	1.3	8
24	Grafting of ethyl acrylate onto monofilament polyester fibers using benzoyl peroxide. Journal of Applied Polymer Science, 1998, 70, 1701-1705.	1.3	8
25	Potassium persulfateâ€mediated preparation of conducting polypyrrole/polyacrylonitrile composite fibers: Humidity and temperatureâ€sensing properties. Journal of Applied Polymer Science, 2012, 125, 3977-3985.	1.3	8
26	Conductive poly (o-anisidine)/poly (ethylene terephthalate) nonwoven composite: Investigation of synthesis parameters and electromagnetic shielding effectiveness. Journal of Industrial Textiles, 2016, 46, 1104-1120.	1.1	8
27	The preparation and characterization of conductive poly(ethylene terephthalate)/polyaniline composite fibers using benzoyl peroxide. Fibers and Polymers, 2008, 9, 255-262.	1.1	6
28	Electrorheological properties of polyaniline/K-feldspar conducting composite. Journal of Composite Materials, 2012, 46, 1295-1304.	1.2	6
29	Conductive polyanilineâ€“polythiophene/poly(ethylene terephthalate) composite fiber: Effects of pH and washing processes on surface resistivity. Journal of Applied Polymer Science, 2015, 132, .	1.3	6
30	Fabrication of poly(oâ€Anisidine)/Ag particles coated poly(ethylene terephthalate) nonwoven composite and investigation of antibacterial activity. Polymer Composites, 2018, 39, E358.	2.3	6
31	Improvement of the adhesion of conductive poly(m-toluidine) onto chemically reduced-wool fabrics. Turkish Journal of Chemistry, 2020, 44, 775-790.	0.5	6
32	THE CHEMICAL SYNTHESIS OF CONDUCTIVE POLYANILINE BY USING BENZOYL PEROXIDE. Journal of Macromolecular Science - Pure and Applied Chemistry, 2002, 39, 1349-1359.	1.2	3
33	Preparation and Characterization of Conducting Poly(ethylene terephthalate)/ Polypyrrole Composite Fibers. Journal of Thermoplastic Composite Materials, 2010, 23, 683-698.	2.6	3
34	Polypyrrole/Natural Zeolite Composite Prepared byIn SituOxidative Polymerization: Thermal and Humidity Sensing Properties. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 404-411.	1.2	3
35	Conductive Composite Films Prepared Using Undoped Polyaniline and Poly(methyl methacrylate). Polymer Journal, 2003, 35, 879-883.	1.3	2
36	Preparation and characterization of electrically semi-conductive polyfuran-coated poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.0	2

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37	Simultaneous Deposition of Poly(o-anisidine) and Noble Ag Particles on Wool Fabric and The Evaluation of Its Performance as Catalyst in Dye Reduction. Journal of the Turkish Chemical Society, Section A: Chemistry, 2019, 6, 225-236.	0.4	2
38	Successive Chemical Modification of Poly(acrylonitrile) Fibers with Glycidyl Methacrylate and Poly(p-phenylenediamine)/Ag Particles for an Efficient Antibacterial Activity. Fibers and Polymers, 2022, 23, 589-600.	1.1	2
39	The hydrophilic modification of acrylic textile fibers by grafting of 2-hydroxyethyl methacrylate and investigation of the imparted properties. Journal of Macromolecular Science - Pure and Applied Chemistry, 2022, 59, 59-71.	1.2	1
40	Synthesis of Conductive Polymer/Inorganic Material Composites and Characterization of Their Properties. Materials Focus, 2018, 7, 515-518.	0.4	1
41	Ä°letken poli(o-anisidin)/ talk kompozitinin sentezi ve karakterizasyonu. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.3	1
42	Deposition of electrically-conductive polyaniline/ferrite nanoparticles onto the polypropylene nonwoven for the development of an electromagnetic interference shield material. Journal of the Textile Institute, 0, , 1-13.	1.0	1
43	Preparation of a Clay Composite Containing Poly(o-toluidine) and Halloysite, and Examining of Its Performance as a Humidity Sensor. DÃ¼zce Ãœniversitesi Bilim Ve Teknoloji Dergisi, 0, , 521-534.	0.2	0