Nursel Dilsiz

List of Publications by Year
in descending order

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28 papers	952 citations	430874 18 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	1158 citing authors

#	Article	IF	Citations
1	Surface analysis of unsized and sized carbon fibers. Carbon, 1999, 37, 1105-1114.	10.3	171
2	Plasma surface modification of carbon fibers: a review. Journal of Adhesion Science and Technology, 2000, 14, 975-987.	2.6	87
3	Fabrication of doxycycline-loaded electrospun PCL/PEO membranes for a potential drug delivery system. International Journal of Pharmaceutics, 2019, 565, 83-94.	5.2	84
4	Pressure-dependent conduction behavior of various particles for conductive adhesive applications. Journal of Adhesion Science and Technology, 1999, 13, 679-693.	2.6	48
5	Anisotropic alignment of nickel particles in a magnetic field for electronically conductive adhesives applications. Journal of Adhesion Science and Technology, 1997, 11, 155-166.	2.6	47
6	Development of PCL/PEO electrospun fibrous membranes blended with silane-modified halloysite nanotube as a curcumin release system. Applied Clay Science, 2020, 186, 105430.	5.2	44
7	Characterization studies on aging properties of acetyl ferrocene containing HTPB-based elastomers. Journal of Applied Polymer Science, 2006, 101, 2538-2545.	2.6	40
8	Investigation of acetyl ferrocene migration from hydroxyl-terminated polybutadiene based elastomers by means of ultraviolet-visible and atomic absorption spectroscopic techniques. Journal of Applied Polymer Science, 2005, 96, 1654-1661.	2.6	37
9	Macroporous Poly(Acrylamide) Hydrogels: Swelling and Shrinking Behaviors. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 889-897.	2.2	33
10	Study of solâ€“gel processing for fabrication of low density alumina microspheres. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 332, 91-96.	5.6	32
11	Molecular design of photoswitchable surfaces with controllable wettability. Journal of Materials Chemistry, 2011, 21, 3189.	6.7	31
12	Comprehensive characterization of polylactide-layered double hydroxides nanocomposites as packaging materials. Journal of Polymer Research, 2015, 22, 1.	2.4	30
13	Multi-walled carbon nanotube-incorporating electrospun composite fibrous mats for controlled drug release profile. International Journal of Pharmaceutics, 2019, 568, 118513.	5.2	28
14	Quercetin-loaded and unloaded electrospun membranes: Synthesis, characterization and in vitro release study. Journal of Drug Delivery Science and Technology, 2018, 47, 22-30.	3.0	25
15	Silver coating of spindle- and filament-type magnetic particles for conductive adhesive applications. Journal of Adhesion Science and Technology, 1997, 11, 1105-1118.	2.6	24
16	Thickness-dependent conduction behavior of various particles for conductive adhesive applications. Journal of Adhesion Science and Technology, 1999, 13, 763-771.	2.6	23
17	Investigation of flame retardancy and physicalâ€“mechanical properties of zinc borate/boric acid polyester composites. Journal of Applied Polymer Science, 2010, 115, 2550-2555.	2.6	19
18	Surface Modification of PVC Film with Allylamine Plasma Polymers. Advances in Polymer Technology, 2014, 33, .	1.7	19

#	Article	IF	Citations
19	Combination of nano-hydroxyapatite and curcumin in a biopolymer blend matrix: Characteristics and drug release performance of fibrous composite material systems. International Journal of Pharmaceutics, 2020, 590, 119933.	5.2	18
20	Investigation of nanomechanical and morphological properties of silane-modified halloysite clay nanotubes reinforced polycaprolactone bio-composite nanofibers by atomic force microscopy. Polymer Testing, 2020, 92, 106877.	4.8	18
21	Flame resistant properties of LDPE/PLA blends containing halogenâ€free flame retardant. Journal of Applied Polymer Science, 2020, 137, 48960.	2.6	18
22	Controlled release of doxycycline within core/shell <scp>poly(Îµâ€caprolactone)</scp>/poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	16
23	Studies on the modification of interphase/interfaces by use of plasma in certain polymer composite systems. Polymer Engineering and Science, 1996, 36, 1081-1086.	3.1	15
24	Photocontrollable DNA hybridization on reversibly photoresponsive surfaces. Journal of Materials Chemistry, 2011, 21, 10415.	6.7	13
25	Barrier properties of polylactic acid/layered silicate nanocomposites for food contact applications. Polymer Science - Series A, 2014, 56, 896-906.	1.0	11
26	Poly(lactic acid)/Organo-Montmorillonite Nanocomposites: Synthesis, Structures, Permeation Properties and Applications. Polymer Science - Series A, 2017, 59, 891-901.	1.0	10
27	Effects of plasma surface modification on the mechanical properties of carbon fiber and carbon fiber/epoxy composite. Composite Interfaces, 1995, 3, 401-410.	2.3	7
28	Effect of plasma treatment on the peel bond strength between maxillofacial silicones and resins. Dental Materials Journal, 2020, 39, 242-250.	1.8	4