

F Seniha GÃ¼ner

List of Publications by Year in descending order

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57
papers

1,662
citations

394421

19
h-index

289244

40
g-index

57
all docs

57
docs citations

57
times ranked

1755
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymers from triglyceride oils. Progress in Polymer Science, 2006, 31, 633-670.	24.7	667
2	Which is more effective for protein adsorption: surface roughness, surface wettability or swelling? Case study of polyurethane films prepared from castor oil and poly(ethylene glycol). Polymer International, 2013, 62, 1202-1209.	3.1	63
3	Fatty acid-based polyurethane films for wound dressing applications. Journal of Materials Science: Materials in Medicine, 2009, 20, 421-431.	3.6	59
4	Polyurethane-zinc borate composites with high oxidative stability and flame retardancy. Polymer Degradation and Stability, 2009, 94, 1072-1075.	5.8	50
5	Styrenation of castor oil and linseed oil by macromer method. Macromolecular Materials and Engineering, 2000, 283, 15-20.	3.6	49
6	Low-methoxyl pectin-zeolite hydrogels controlling drug release promote <i>in vitro</i> wound healing. Journal of Applied Polymer Science, 2019, 136, 47640.	2.6	46
7	Polyurethane Films for Wound Dressing Applications. Macromolecular Symposia, 2005, 228, 177-184.	0.7	40
8	Study of film properties of some urethane oils. Journal of Coatings Technology, 2002, 74, 55-59.	0.7	39
9	Antibacterial oil-based polyurethane films for wound dressing applications. Journal of Applied Polymer Science, 2010, 115, 1347-1357.	2.6	39
10	Esterification of oleic acid with glycerol in the presence of sulfated iron oxide catalyst. JAOCS, Journal of the American Oil Chemists' Society, 1996, 73, 347-351.	1.9	33
11	Drying and semidrying oil macromonomers. III. Styrenation of sunflower and linseed oils. Journal of Applied Polymer Science, 2003, 88, 2373-2376.	2.6	33
12	Heavy metal removal by ion exchanger based on hydroxyethyl cellulose. Journal of Applied Polymer Science, 1999, 74, 3501-3506.	2.6	32
13	Styrenation of triglyceride oils by macromonomer technique. Journal of Coatings Technology, 2000, 72, 107-110.	0.7	30
14	The effects of anhydride type and amount on viscosity and film properties of alkyd resin. Progress in Organic Coatings, 2004, 51, 273-279.	3.9	30
15	Monitoring of oil-based polyurethane synthesis by FTIR-ATR. Polymer Testing, 2009, 28, 773-779.	4.8	30
16	Noncovalent Pyrene-Polyethylene Glycol Coatings of Carbon Nanotubes Achieve <i>In Vitro</i> Biocompatibility. Langmuir, 2018, 34, 12071-12082.	3.5	24
17	Physical and surface properties of polyurethane hydrogels in relation with their chemical structure. Polymer Engineering and Science, 2014, 54, 1182-1191.	3.1	21
18	Flow behavior of oil-modified polymer solutions. Progress in Organic Coatings, 2004, 50, 172-178.	3.9	20

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19	Investigation of rheological and colloidal properties of bentonitic clay dispersion in the presence of a cationic surfactant. <i>Progress in Organic Coatings</i> , 2005, 54, 28-33.	3.9	20
20	pH-sensitive castor oil/PEG-based polyurethane films for drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102160.	3.0	20
21	Some empirical equations for oxypolymerization of linseed oil. <i>Progress in Organic Coatings</i> , 2004, 51, 365-371.	3.9	19
22	Castor oil and PEG-based shape memory polyurethane films for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	19
23	Adhesion strength behaviour of plasma pre-treated and laminated polypropylene nonwoven fabrics using acrylic and polyurethane-based adhesives. <i>Journal of Industrial Textiles</i> , 2014, 43, 396-414.	2.4	18
24	Theophylline-loaded pectin-based hydrogels. II. Effect of concentration of initial pectin solution, crosslinker type and cation concentration of external solution on drug release profile. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48155.	2.6	18
25	Theophylline-loaded pectin-based hydrogels. I. Effect of medium p<sc>H</sc> and preparation conditions on drug release profile. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46731.	2.6	17
26	Cytotoxicity of doxorubicin loaded single-walled carbon nanotubes. <i>Molecular Biology Reports</i> , 2018, 45, 523-531.	2.3	17
27	Synthesis of triglyceride-based urethane macromers and their use in copolymerization. <i>Progress in Organic Coatings</i> , 2008, 63, 365-371.	3.9	16
28	Copolyimide Membranes for Gas Separation. <i>Desalination</i> , 2006, 200, 259-261.	8.2	15
29	A computational and experimental approach to develop minocycline-imprinted hydrogels and determination of their drug delivery performances. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	15
30	Improving hydrophobicity on polyurethane-based synthetic leather through plasma polymerization for easy care effect. <i>Journal of Coatings Technology Research</i> , 2013, 10, 549-558.	2.5	14
31	Synthesis, Characterization and O₂ Permeability of Shape Memory Polyurethane Films for Fresh Produce Packaging. <i>Packaging Technology and Science</i> , 2016, 29, 415-427.	2.8	13
32	2-Thiobarbituric acid addition improves structural integrity and controlled drug delivery of biocompatible pectin hydrogels. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 703-711.	3.4	12
33	Castor oil dehydration kinetics. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1997, 74, 409-412.	1.9	11
34	Anchovy oil thermal polymerization kinetics. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1997, 74, 1525-1529.	1.9	10
35	Dual effect of procaine-loaded pectin hydrogels: pain management and in vitro wound healing. <i>Polymer Bulletin</i> , 2021, 78, 2227-2250.	3.3	10
36	Photo-crosslinkable chitosan and gelatin-based nanohybrid bioinks for extrusion-based 3D-bioprinting. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 1-12.	3.4	9

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37	Melt flow properties of graphite nanoplatelets-filled polypropylene. <i>Journal of Composite Materials</i> , 2017, 51, 2793-2804.	2.4	8
38	Molecular dynamics simulations can predict the optimum drug loading amount in pectin hydrogels for controlled release. <i>Materials Today Communications</i> , 2022, 31, 103268.	1.9	8
39	The usage of linseed oil-based polyurethanes as a rheological modifier. <i>Journal of Applied Polymer Science</i> , 2005, 98, 1032-1035.	2.6	7
40	Preparation of polyurethane/hectorite, polyurethane/montmorillonite, and polyurethane/laponite nanocomposites without organic modifiers. <i>Journal of Applied Polymer Science</i> , 2010, 116, 832-837.	2.6	7
41	A comprehensive 3D analysis of polymer flow through a conical spiral extrusion die. <i>Fibers and Polymers</i> , 2014, 15, 84-90.	2.1	7
42	An Industrial Case for Polypropylene Nanocomposite Foams: Lightweight, Soundproof Exterior Automotive Parts. <i>Polymers</i> , 2022, 14, 1192.	4.5	7
43	Fréquences de la consommation de substances psychoactives et de la psychopathologie chez de jeunes adultes en première année d'Université. <i>Annales Medico-Psychologiques</i> , 2007, 165, 714-718.	0.4	6
44	Fmoc-PEG Coated Single-Wall Carbon Nanotube Carriers by Non-covalent Functionalization: An Experimental and Molecular Dynamics Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 648366.	4.1	6
45	Castor oil and PEG-based shape memory polyurethane films: effect of chain extender amount on some polymer properties and performance. <i>Turkish Journal of Chemistry</i> , 2018, 42, 1161-1173.	1.2	5
46	A multiscale investigation on controlling bovine serum albumin adsorption onto polyurethane films. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45669.	2.6	4
47	Thermoresponsive polyurethane films for packaging applications: Effects of film formulation on their properties. <i>Food Packaging and Shelf Life</i> , 2021, 29, 100695.	7.5	4
48	Elucidating doxycycline loading and release performance of imprinted hydrogels with different cross-linker concentrations: a computational and experimental study. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	4
49	Investigation of photoinduced polymerization of doxycycline-imprinted hydrogels: effect of template on initiator reactivity, conversion, and reaction rate. <i>Turkish Journal of Chemistry</i> , 2017, 41, 862-873.	1.2	3
50	Kinetics of Esterification Reaction between Glycerol and Oleic Acid in the Presence of Pyridine. <i>Lipid - Fett</i> , 1995, 97, 347-351.	0.4	2
51	Production of Viscosity Improvers for PVC. <i>Macromolecular Symposia</i> , 2005, 228, 237-244.	0.7	2
52	High-performance supercapacitor electrolytes based on high-mole-ratio phosphoric acid/lauryl ether surfactant liquid crystalline gel. <i>International Journal of Energy Research</i> , 2022, 46, 19980-19991.	4.5	2
53	Wandgleitverhalten von Aluminiumoxid-Silicon-Äl-Pasten bei der Extrusion. <i>Chemie-Ingenieur-Technik</i> , 2000, 72, 714-718.	0.8	1
54	Preparation and Determination of In Vivo and In Vitro Performance of Doxycycline Imprinted Contact Lenses for Corneal Neovascularization Treatment. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 0, , 1185-1192.	1.1	1

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55	Synthesis of ultraviolet (UV)-curable water-borne polyurethane acrylate binders and comparison of their performance for pigment printing on synthetic leather. International Journal of Clothing Science and Technology, 2020, 33, 270-288.	1.1	0
56	Polyurethanes: Surface Protein Adsorption. , 0, , 6724-6742.		0
57	Heavy metal removal by ion exchanger based on hydroxyethyl cellulose. Journal of Applied Polymer Science, 1999, 74, 3501.	2.6	0