

# Hamid Yeganeh

## List of Publications by Year in descending order

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104  
papers

3,996  
citations

101384

36  
h-index

143772

57  
g-index

106  
all docs

106  
docs citations

106  
times ranked

4220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soybean oil-derived non-isocyanate polyurethanes containing azetidinium groups as antibacterial wound dressing membranes. <i>European Polymer Journal</i> , 2021, 142, 110142.	2.6	22
2	Resveratrol-loaded polyurethane nanofibrous scaffold: viability of endothelial and smooth muscle cells. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 015001.	1.7	22
3	Enhanced healing of a full-thickness wound by a thermoresponsive dressing utilized for simultaneous transfer and protection of adipose-derived mesenchymal stem cells sheet. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 101.	1.7	5
4	Vegetable oil-based polyurethanes as antimicrobial wound dressings: <i>in vitro</i> and <i>in vivo</i> evaluation. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 045001.	1.7	25
5	In situ forming hydrogels based on polyethylene glycol itaconate for tissue engineering application. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	2
6	An analysis of emerging trends and transformations in global healthcare. <i>International Journal of Health Governance</i> , 2019, 24, 169-180.	0.6	19
7	Ionic liquid tethered PEG-based polyurethane-siloxane membranes for efficient CO <sub>2</sub> /CH <sub>4</sub> separation. <i>Materials Science and Engineering C</i> , 2019, 102, 524-535.	3.8	17
8	Utilizing dextran to improve hemocompatibility of antimicrobial wound dressings with embedded quaternary ammonium salts. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 1044-1056.	3.6	50
9	Antimicrobial wound dressings with high mechanical conformability prepared through thiol-yne click photopolymerization reaction. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 045007.	1.7	11
10	Green and non-leaching anti-bacterial and cytocompatible coating with build-in quaternary ammonium salt derived from methoxysilane functionalized soybean oil. <i>Materials Science and Engineering C</i> , 2019, 99, 887-899.	3.8	19
11	Structural engineering to control density, conformation, and bioactivity of the poly(ethylene Tj ETQq1 1 0.784314 rgBT /Overlock 10 209-223.	0.8	0
12	Anticorrosive and self-healing waterborne poly(urethane-triazole) coatings made through a combination of click polymerization and cathodic electrophoretic deposition. <i>European Polymer Journal</i> , 2019, 112, 636-647.	2.6	20
13	A novel polyurethane modified with biomacromolecules for small-diameter vascular graft applications. <i>Journal of Materials Science</i> , 2018, 53, 9913-9927.	1.7	37
14	Vegetable Oil Based Polyurethane Containing 1,2,3-Triazolium Functional Groups as Antimicrobial Wound Dressing. <i>Journal of Polymers and the Environment</i> , 2018, 26, 462-473.	2.4	16
15	Preparation of antimicrobial wound dressings via thiol-ene photopolymerization reaction. <i>Journal of Materials Science</i> , 2018, 53, 1581-1595.	1.7	22
16	Preparation and evaluation of hybrid organic-inorganic poly(urethane-siloxane) membranes with build-in poly(ethylene glycol) segments for efficient separation of CO <sub>2</sub> /CH <sub>4</sub> and CO <sub>2</sub> /H <sub>2</sub> . <i>Journal of Membrane Science</i> , 2018, 548, 572-582.	4.1	28
17	Polyurethane-Polycaprolactone Blend Patches: Scaffold Characterization and Cardiomyoblast Adhesion, Proliferation, and Function. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 4299-4310.	2.6	60
18	Application of arteether-loaded polyurethane nanomicelles to induce immune response in breast cancer model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 808-816.	1.9	18

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19	Polyurethane/siloxane membranes containing graphene oxide nanoplatelets as antimicrobial wound dressings: in vitro and in vivo evaluations. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 75.	1.7	49
20	Bactericidal dental nanocomposites containing 1,2,3-triazolium-functionalized POSS additive prepared through thiol-ene click polymerization. <i>Dental Materials</i> , 2017, 33, 119-131.	1.6	18
21	Electroactive polyurethane/siloxane derived from castor oil as a versatile cardiac patch, part I: Synthesis, characterization, and myoblast proliferation and differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 775-787.	2.1	24
22	Synthesis and assessment of novel anticorrosive polyurethane coatings containing an amine-functionalized nanoclay additive prepared by the cathodic electrophoretic deposition method. <i>RSC Advances</i> , 2016, 6, 28089-28102.	1.7	18
23	Preparation of microcapsules containing multi-functional reactive isocyanate-terminated-polyurethane-prepolymer as healing agent, part II: corrosion performance and mechanical properties of a self healing coating. <i>RSC Advances</i> , 2016, 6, 50874-50886.	1.7	32
24	Thermoresponsive polyurethane/siloxane membrane for wound dressing and cell sheet transplantation: In-vitro and in-vivo studies. <i>Materials Science and Engineering C</i> , 2016, 69, 804-814.	3.8	22
25	Electroactive polyurethane/siloxane derived from castor oil as a versatile cardiac patch, part II: HLâ€1 cytocompatibility and electrical characterizations. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1398-1407.	2.1	20
26	Polyurethane dispersion containing quaternized ammonium groups: An efficient nanosize gene delivery carrier for A549 cancer cell line transfection. <i>Chemico-Biological Interactions</i> , 2016, 244, 27-36.	1.7	9
27	Novel Water-Borne Polyurethane Nanomicelles for Cancer Chemotherapy: Higher Efficiency of Folate Receptors Than TRAIL Receptors in a Cancerous Balb/C Mouse Model. <i>Pharmaceutical Research</i> , 2016, 33, 1426-1439.	1.7	21
28	Microcapsules containing multi-functional reactive isocyanate-terminated polyurethane prepolymer as a healing agent. Part 1: synthesis and optimization of reaction conditions. <i>Journal of Materials Science</i> , 2016, 51, 3056-3068.	1.7	51
29	Guanidine hydrochloride embedded polyurethanes as antimicrobial and absorptive wound dressing membranes with promising cytocompatibility. <i>Materials Science and Engineering C</i> , 2016, 59, 1025-1037.	3.8	45
30	Assessments of antibacterial and physico-mechanical properties for dental materials with chemically anchored quaternary ammonium moieties: Thiolâ€eneâ€methacrylate vs. conventional methacrylate system. <i>Dental Materials</i> , 2015, 31, 244-261.	1.6	27
31	Catalyst free-click polymerization: A versatile method for the preparation of soybean oil based poly1,2,3-triazoles as coatings with efficient biocidal activity and excellent cytocompatibility. <i>Polymer</i> , 2015, 62, 94-108.	1.8	20
32	Thermoresponsive antimicrobial wound dressings via simultaneous thiol-ene polymerization and in situ generation of silver nanoparticles. <i>RSC Advances</i> , 2015, 5, 66024-66036.	1.7	21
33	Preparation and properties of biodegradable polyurethane networks from carbonated soybean oil. <i>Polymer Bulletin</i> , 2015, 72, 1379-1392.	1.7	23
34	Preparation of a porous conductive scaffold from aniline pentamer-modified polyurethane/PCL blend for cardiac tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3179-3187.	2.1	104
35	Stimulation of Wound Healing by Electroactive, Antibacterial, and Antioxidant Polyurethane/Siloxane Dressing Membranes: In Vitro and in Vivo Evaluations. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24296-24311.	4.0	166
36	Quaternary ammonium salt containing soybean oil: An efficient nanosize gene delivery carrier for halophile green microalgal transformation. <i>Chemico-Biological Interactions</i> , 2015, 225, 80-89.	1.7	6

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37	Improved immobilization of gelatin on a modified polyurethane urea. <i>Journal of Bioactive and Compatible Polymers</i> , 2015, 30, 57-73.	0.8	8
38	Investigation on the Preparation of New Sulfonated Polyimide Fuel Cell Membranes in Organic and Ionic Liquid Media. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 149-160.	1.8	13
39	Castor oil-based polyurethane coatings containing benzyl triethanol ammonium chloride: synthesis, characterization, and biological properties. <i>Journal of Materials Science</i> , 2014, 49, 5365-5377.	1.7	44
40	Preparation, optimization and application of poly(ethylene glycol)methyl ether methacrylate/urethane methacrylate as a new polar phase for stir bar sorptive extraction. <i>Analytical Methods</i> , 2014, 6, 7722-7732.	1.3	7
41	Synthesis, characterization and antioxidant activity of a novel electroactive and biodegradable polyurethane for cardiac tissue engineering application. <i>Materials Science and Engineering C</i> , 2014, 44, 24-37.	3.8	125
42	Soft segment composition and its influence on phase-separated morphology of PCL/PEG-based poly(urethane urea)s. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 505-512.	1.3	22
43	Synthesis and characterization of biodegradable acrylated polyurethane based on poly( $\epsilon$ -caprolactone) and 1,6-hexamethylene diisocyanate. <i>Materials Science and Engineering C</i> , 2014, 42, 763-773.	3.8	44
44	Evaluation of pyrolysis process parameters on polypropylene degradation products. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 109, 272-277.	2.6	151
45	Preparation and characterization of novel antibacterial castor oil-based polyurethane membranes for wound dressing application. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 84-96.	2.1	59
46	The effect of melt flow index, melt flow rate, and particle size on the thermal degradation of commercial high density polyethylene powder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 1333-1339.	2.0	26
47	Evaluation of pyrolysis product of virgin high density polyethylene degradation using different process parameters in a stirred reactor. <i>Fuel Processing Technology</i> , 2013, 109, 90-95.	3.7	86
48	Synthesis, characterization and assessment of poly(urethane-co-pyrrole)s derived from castor oil as anticorrosion coatings for stainless steel. <i>Progress in Organic Coatings</i> , 2013, 76, 1454-1464.	1.9	21
49	A Cross-National Investigation into the Effects of Religiosity on the Pervasiveness of Corruption. <i>Journal of East-West Business</i> , 2013, 19, 155-180.	0.3	12
50	Polyurethane Coatings Derived from 1,2,3-Triazole-Functionalized Soybean Oil-Based Polyols: Studying their Physical, Mechanical, Thermal, and Biological Properties. <i>Macromolecules</i> , 2013, 46, 7777-7788.	2.2	63
51	Synthesis and evaluation of antibacterial polyurethane coatings made from soybean oil functionalized with dimethylphenylammonium iodide and hydroxyl groups. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1599-1611.	2.1	39
52	Evaluation of fracture toughness and mechanical properties of ternary thiol-ene methacrylate systems as resin matrix for dental restorative composites. <i>Dental Materials</i> , 2013, 29, 777-787.	1.6	56
53	Synthesis and characterization of antibacterial polyurethane coatings from quaternary ammonium salts functionalized soybean oil based polyols. <i>Materials Science and Engineering C</i> , 2013, 33, 153-164.	3.8	125
54	Synthesis and evaluation of novel absorptive and antibacterial polyurethane membranes as wound dressing. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2187-2202.	1.7	70

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55	Effect of the melt flow index and melt flow rate on the thermal degradation kinetics of commercial polyolefins. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1739-1745.	1.3	31
56	The effect of temperature, catalyst, different carrier gases and stirrer on the produced transportation hydrocarbons of LLDPE degradation in a stirred reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 95, 198-204.	2.6	43
57	Novel water-soluble polyurethane nanomicelles for cancer chemotherapy: physicochemical characterization and cellular activities. <i>Journal of Nanobiotechnology</i> , 2012, 10, 2.	4.2	46
58	Synthesis of new sulfonated copolyimides in organic and ionic liquid media for fuel cell application. <i>Journal of Applied Polymer Science</i> , 2012, 124, 1981-1992.	1.3	13
59	Polybenzoxazine/Polyurethane Alloys. , 2011, , 389-403.		1
60	A generic conceptualization of the cultural distance index. <i>Journal of Strategy and Management</i> , 2011, 4, 325-346.	1.9	17
61	Poly(urethane-co-benzoxazine)s via reaction of phenol terminated urethane prepolymers and benzoxazine monomer and investigation of their properties. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1502-1512.	1.6	17
62	Preparation and properties of one-pack polybenzoxazine-modified polyurethanes with improved thermal stability and electrical insulating properties. <i>Polymer International</i> , 2011, 60, 126-135.	1.6	11
63	Simple and versatile method for the one-pot synthesis of segmented poly(urethane urea)s via <i>in situ</i> -formed AB-type macromonomers. <i>Polymer International</i> , 2011, 60, 620-629.	1.6	10
64	Survey of sulfonated polyimide membrane as a good candidate for nafion substitution in fuel cell. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 9385-9397.	3.8	68
65	Thermally curable polyurethanes containing naphthoxazine groups in the main chain. <i>Polymer International</i> , 2010, 59, 1375-1383.	1.6	17
66	Preparation and characterization of polyurethane electrical insulating coatings derived from novel soybean oil-based polyol. <i>Polymers for Advanced Technologies</i> , 2010, 21, 118-127.	1.6	36
67	Diaminobisbenzothiazole chain extended polyurethanes as a novel class of thermoplastic polyurethane elastomers with improved thermal stability and electrical insulation properties. <i>Polymers for Advanced Technologies</i> , 2009, 20, 466-472.	1.6	18
68	Synthesis and properties of polyurethane networks derived from new soybean oil-based polyol and a bulky blocked polyisocyanate. <i>Polymer International</i> , 2008, 57, 1385-1394.	1.6	33
69	Preparation of new membranes based on sulfonated aromatic copolyimides. <i>Polymers for Advanced Technologies</i> , 2008, 19, 361-370.	1.6	16
70	Investigation of thermal, mechanical, and electrical properties of novel polyurethanes/high molecular weight polybenzoxazine blends. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1024-1032.	1.6	54
71	Synthesis and properties of polybenzoxazine modified polyurethanes as a new type of electrical insulators with improved thermal stability. <i>Polymer Engineering and Science</i> , 2008, 48, 1329-1338.	1.5	39
72	Preparation and Properties of Novel Poly(urethane-imide)s via Blending of Reactive Polyimide and Epoxy-Terminated Urethane Prepolymers. <i>High Performance Polymers</i> , 2008, 20, 126-145.	0.8	26

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73	Synthesis, Characterization and Preliminary Investigation of Blood Compatibility of Novel Epoxy-modified Polyurethane Networks. <i>Journal of Bioactive and Compatible Polymers</i> , 2008, 23, 276-300.	0.8	18
74	Preparation and Characterization of Novel Sulfonated Copolyimide Membranes. <i>E-Polymers</i> , 2008, 8, .	1.3	3
75	Novel Polyurethane Electrical Insulator Coatings Based on Amide-Ester-Ether Polyols Derived from Castor Oil and Re-cycled Poly(ethylene terphthalate). <i>High Performance Polymers</i> , 2007, 19, 113-126.	0.8	22
76	Novel method for preparation of polyurethane elastomers with improved thermal stability and electrical insulating properties. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1776-1785.	1.3	16
77	Preparation and properties of novel biodegradable polyurethane networks based on castor oil and poly(ethylene glycol). <i>Polymer Degradation and Stability</i> , 2007, 92, 480-489.	2.7	180
78	Synthesis and properties of novel biodegradable poly( $\epsilon$ -caprolactone)/ poly(ethylene glycol)-based polyurethane elastomers. <i>Polymer International</i> , 2007, 56, 41-49.	1.6	63
79	Synthesis, characterization and properties of novel thermally stable poly(urethane-oxazolidone) elastomers. <i>European Polymer Journal</i> , 2006, 42, 1743-1754.	2.6	59
80	Novel polyurethane insulating coatings based on polyhydroxyl compounds, derived from glycolysed PET and castor oil. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1222-1233.	1.3	33
81	Synthesis, Characterization and Properties of Novel Poly(urethane-imide) Networks as Electrical Insulators with Improved Thermal Stability. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 883-894.	1.7	38
82	Conceptual Foundations of Cultural Management Research. <i>International Journal of Cross Cultural Management</i> , 2006, 6, 361-376.	1.3	52
83	Synthesis and properties of biodegradable elastomeric epoxy modified polyurethanes based on poly( $\mu$ -caprolactone) and poly(ethylene glycol). <i>European Polymer Journal</i> , 2005, 41, 2370-2379.	2.6	60
84	Preparation and properties of novel polyurethane insulating coatings based on glycerin-terminated urethane prepolymers and blocked isocyanate. <i>Polymer International</i> , 2005, 54, 754-763.	1.6	30
85	Synthesis and characterization of novel biodegradable epoxy-modified polyurethane elastomers. <i>Journal of Polymer Science Part A</i> , 2005, 43, 2985-2996.	2.5	43
86	Synthesis and characterization of novel polyesters derived from 4-aryl-2,6-bis(4-chlorocarbonyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	2.6	45
87	Poly(urethane-imide-imide), a new generation of thermoplastic polyurethane elastomers with enhanced thermal stability. <i>Polymer</i> , 2004, 45, 359-365.	1.8	127
88	Synthesis and properties of isocyanate curable millable polyurethane elastomers based on castor oil as a renewable resource polyol. <i>European Polymer Journal</i> , 2004, 40, 1233-1238.	2.6	156
89	A novel direct method for preparation of aromatic polyimides via microwave-assisted polycondensation of aromatic dianhydrides and diisocyanates. <i>European Polymer Journal</i> , 2004, 40, 2059-2064.	2.6	29
90	Synthesis and characterization of BTDA-based dimethacrylate dental adhesive monomer and its interaction with Ca <sup>2+</sup> ions. <i>Journal of Applied Polymer Science</i> , 2002, 86, 3246-3249.	1.3	16

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91	Preparation and applications of a polymer supported peroxotungstate complex as a novel polymeric oxidizing agent. <i>Reactive and Functional Polymers</i> , 2002, 50, 101-106.	2.0	21
92	Synthesis and properties of novel aromatic polyamides based on 4-aryl-2,6-bis(4-chlorocarbonylphenyl) pyridines. <i>European Polymer Journal</i> , 2002, 38, 933-940.	2.6	35
93	Synthesis and properties of novel diisocyanate based optically active polyimides. <i>European Polymer Journal</i> , 2002, 38, 2179-2185.	2.6	22
94	Synthesis and characterization of novel aromatic polyamides derived from 4-aryl-2,6-bis(4-aminophenyl) pyridines. <i>Polymer</i> , 2001, 42, 415-420.	1.8	97
95	Preparation and properties of novel polyimides derived from 4-aryl-2,6 bis(4-amino phenyl)pyridine. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3826-3831.	2.5	63
96	Synthesis and properties of novel optically active polyimides. <i>Journal of Polymer Science Part A</i> , 2001, 39, 514-518.	2.5	21
97	Preparation and properties of novel processable polyimides derived from N,N-bis(isocyanatoalkyl)-1,2,4,5-benzenetetracarboxylic-1,2:4,5-diimides. <i>Polymer International</i> , 2000, 49, 514-518.	1.6	13
98	Preparation and properties of novel processable polyimides derived from a new diisocyanate. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1528-1532.	2.5	25
99	Synthesis and properties of novel thermoplastic poly(urethane-imide)s. <i>European Polymer Journal</i> , 2000, 36, 2207-2211.	2.6	75
100	Polymer supported anionic peroxomolybdenum complexes as new, mild, efficient and versatile oxidants in organic synthesis. <i>European Polymer Journal</i> , 1999, 35, 1445-1450.	2.6	31
101	Synthesis and characterization of new soluble and thermostable polyimides via novel diisocyanates. <i>Polymer International</i> , 1999, 48, 1264-1268.	1.6	23
102	Regioselective Reductive Cleavage of Terminal Epoxides with Polymer-supported Chloroaluminium Tetrahydroborate. <i>Journal of Chemical Research Synopses</i> , 1997, , 330-331.	0.3	7
103	Pyrazine-based polymeric complex of oxodiperoxochromium (VI) compound as a new stable, mild, efficient and versatile oxidant in organic synthesis. <i>Tetrahedron</i> , 1997, 53, 7889-7896.	1.0	16
104	Aniline tetramer embedded polyurethane/siloxane membranes and their corresponding nanosilver composites as intelligent wound dressing materials. <i>RSC Advances</i> , 0, , .	1.7	19