

# Nadereh Golshan Ebrahimi

## List of Publications by Year in descending order

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31  
papers

728  
citations

516215

16  
h-index

525886

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1051  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyurethane/polycaprolactane blend with shape memory effect as a proposed material for cardiovascular implants. <i>Acta Biomaterialia</i> , 2009, 5, 1519-1530.	4.1	142
2	Proliferation and Differentiation of Mesenchymal Stem Cell on Collagen Sponge Reinforced with Polypropylene/Polyethylene Terephthalate Blend Fibers. <i>Tissue Engineering - Part A</i> , 2010, 16, 3821-3830.	1.6	63
3	Efficient Dispersion of Magnetite Nanoparticles in the Polyurethane Matrix Through Solution Mixing and Investigation of the Nanocomposite Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010, 20, 213-219.	1.9	56
4	Investigation of the rheological behavior of industrial tubular and autoclave LDPEs under SAOS, LAOS, transient shear, and elongational flows compared with predictions from the MSF theory. <i>Journal of Rheology</i> , 2013, 57, 1693-1714.	1.3	34
5	Enhancement of biocompatibility of PVA/HTCC blend polymer with collagen for skin care application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 459-468.	1.8	34
6	Thermal properties, rheology and sintering of ultra high molecular weight polyethylene and its composites with polyethylene terephthalate. <i>Polymer Engineering and Science</i> , 2005, 45, 678-686.	1.5	33
7	Elongational viscosity of LDPE with various structures: employing a new evolution equation in MSF theory. <i>Rheologica Acta</i> , 2012, 51, 163-177.	1.1	29
8	Development of Antibacterial Nanocomposite: Whey Protein-Gelatin-Nanoclay Films with Orange Peel Extract and Tripolyphosphate as Potential Food Packaging. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-9.	0.8	26
9	Effect of irradiation on mechanical and structural properties of ethylene vinyl acetate copolymers hollow fibers. <i>Journal of Applied Polymer Science</i> , 2011, 119, 2085-2092.	1.3	25
10	Introducing four different branch structures in PET by reactive processingâ€”A rheological investigation. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49243.	1.3	24
11	Preparation and properties of antibacterial, biocompatible coreâ€”shell fibers produced by coaxial electrospinning. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	23
12	Reducing cytotoxicity of poly (lactic acid)-based/zinc oxide nanocomposites while boosting their antibacterial activities by thymol for biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 4556-4565.	3.6	22
13	Miscibility of TPU(PCL diol)/PCL Blend and Its Effect on PCL Crystallinity. <i>Macromolecular Symposia</i> , 2007, 249-250, 623-627.	0.4	21
14	Self-healing property of epoxy/nanoclay nanocomposite using poly(ethylene-co-methacrylic acid) agent. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 68, 56-61.	3.8	21
15	An anti-bacterial approach to nanoscale roughening of biomimetic rice-like pattern PP by thermal annealing. <i>Applied Surface Science</i> , 2017, 423, 1054-1061.	3.1	20
16	TPU/PCL/nanomagnetite ternary shape memory composites: studies on their thermal, dynamic-mechanical, rheological and electrical properties. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 137-145.	1.3	18
17	Rheological behavior of noncompatibilized and compatibilized PP/PET blends with SEBSâ€”MA. <i>Journal of Applied Polymer Science</i> , 2010, 116, 441-448.	1.3	15
18	Surface modification of ultra-high-molecular-weight polyethylene. I. Characterization and sintering studies. <i>Journal of Applied Polymer Science</i> , 2006, 99, 2344-2351.	1.3	14

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19	Rheological study of segmented polyurethane and polycaprolactone blends. <i>Rheologica Acta</i> , 2008, 47, 81-87.	1.1	14
20	Melt rheology of linear and long-chain branched polypropylene blends. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 715-724.	1.3	14
21	Structural analysis of poly(ethylene terephthalate) modified by polypropylene-graft-maleic anhydride from rheological data. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46896.	1.3	12
22	Bacterial adhesion reduction on the surface with a simulated pattern: An insight into extrand model. <i>International Journal of Adhesion and Adhesives</i> , 2019, 88, 66-73.	1.4	11
23	Functional Form of a Damping Function for the BKZ Equation Derived from Experimental Data in Entangled Polymer Systems. <i>Nihon Reoroji Gakkaishi</i> , 1996, 24, 37-42.	0.2	9
24	Surface modification of ultra-high-molecular-weight polyethylene. II. Effect on the physicomechanical and tribological properties of ultra-high-molecular-weight polyethylene/poly(ethylene terephthalate) composites. <i>Journal of Applied Polymer Science</i> , 2006, 99, 2352-2358.	1.3	9
25	Physical characterization and rheological behavior of polyurethane/poly( $\epsilon$ -caprolactone) blends, prepared by solution blending using dimethylacetamide. <i>Journal of Applied Polymer Science</i> , 2012, 125, 4091-4099.	1.3	9
26	Preparation, characterization, and permeability of novel poly (lactic acid)-based blends filled with thymol and ZnO. <i>Polymer Testing</i> , 2020, 89, 106550.	2.3	9
27	The effect of different compatibilisers on the morphology and rheological properties of PP/PET polymer blends. <i>Plastics, Rubber and Composites</i> , 2022, 51, 250-258.	0.9	8
28	Preparation and rheology characterization of branched polypropylene during reactive extrusion process. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 309-316.	1.3	6
29	High stable self-cleaning surface developed by monolithic hierarchical roughness. <i>Surface Engineering</i> , 2020, 36, 628-635.	1.1	4
30	The effect of molecular structure on rheological behavior of tubular LDPEs. <i>Rheologica Acta</i> , 2015, 54, 159-168.	1.1	2
31	Antibacterial and in vivo studies of poly( $\epsilon$ -caprolactone)-silver electrospun nanofibers: effect of preparation methods on the properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 0, , 1-12.	1.8	1