

Farhang Abbasi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120 papers	1,932 citations	22 h-index	38 g-index
122 ext. papers	2,132 ext. citations	3.7 avg, IF	5.24 L-index

#	Paper	IF	Citations
120	Thermo/pH dual-responsive micelles based on the host-guest interaction between benzimidazole-terminated graft copolymer and β -cyclodextrin-functionalized star block copolymer for smart drug delivery.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 91	9.4	5
119	Electrospun POSS integrated poly(carbonate-urea)urethane provides appropriate surface and mechanical properties for the fabrication of small-diameter vascular grafts.. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022 , 1-20	3.5	0
118	Photo- and thermo-responsive extracellular matrix mimicking nano-coatings prepared from poly(N-isopropylacrylamide)-spiropyran copolymer for effective cell sheet harvesting. <i>Progress in Organic Coatings</i> , 2022 , 167, 106847	4.8	1
117	Successive melting and crystallization of poly(3-hexylthiophene) in the melt-memory domain versus isotropic melt domain. <i>Journal of Materials Science</i> , 2021 , 56, 19723	4.3	0
116	Insight into the structure of polystyrene-poly(methyl methacrylate) core-shell particles synthesized by seeded suspension polymerization. <i>Polymers and Polymer Composites</i> , 2021 , 29, 1575-1586	0.8	
115	A novel thermo-responsive system based on β -cyclodextrin-nanocomposite for improving the docetaxel activity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021 , 70, 830-840	3.40	4
114	Interconnected porous nanofibrous gelatin scaffolds prepared via a combined thermally induced phase separation/particulate leaching method. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 488-503	3.5	6
113	Multi-layer PDMS films having antifouling property for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 678-693	3.5	4
112	Drug delivery to the anterior segment of the eye: A review of current and future treatment strategies. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120924	6.5	9
111	Effects of graphene quantum dot (GQD) on photoluminescence, mechanical, thermal and shape memory properties of thermoplastic polyurethane nanocomposites. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 2279	3.2	5
110	Bi-supported Ziegler-Natta $\text{TiCl}_4/\text{MCM-41}/\text{MgCl}_2$ (ethoxide type) catalyst preparation and comprehensive investigations of produced polyethylene characteristics. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48553	2.9	5
109	Following isothermal and non-isothermal crystallization of poly(3-hexylthiophene) thin films by UV-vis spectroscopy. <i>Polymer</i> , 2020 , 210, 122959	3.9	4
108	Adhesion, proliferation, and detachment of cells on poly(N-isopropyl acrylamide) brushes tethered on polystyrene using surface-initiated atom transfer radical polymerization. <i>Materials Today Communications</i> , 2020 , 25, 101566	2.5	1
107	Expandable polystyrene without any embedded blowing agent. <i>Journal of Cellular Plastics</i> , 2020 , 0021955X2094497	5.8	5
106	Thermodynamic Features of Perfectly Crystalline Poly(3-hexylthiophene) Revealed through Studies of Imperfect Crystals. <i>Macromolecules</i> , 2019 , 52, 2487-2494	5.5	10
105	In situ probing of switchable nanomechanical properties of responsive high-density polymer brushes on poly(dimethylsiloxane): An AFM nanoindentation approach. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 93, 118-129	4.1	2
104	Thermodynamic features of perfectly crystalline poly(3-hexylthiophene) based on Flory's relation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 431-437	2.6	5

103	Novel conjugated patterns of PBDT-DTNT and PBDT-TIPS-DTNT-DT complicated polymers onto graphenic nanosheets. <i>Polymer International</i> , 2019 , 68, 64-70	3.3	4
102	Effect of poly(dimethylsiloxane)-poly(oligo (ethylene glycol) methacrylate) amphiphilic block copolymers on dermal fibroblast viability and proliferation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019 , 30, 1433-1453	3.5	1
101	Association of amphiphilic block copolymers in dilute solution: With and without shear forces. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 72, 319-331	6.3	1
100	Investigating Janus morphology development of poly(acrylic acid)/poly(2-(dimethylamino)ethyl methacrylate) composite particles: An experimental study and mathematical modeling of DOX release. <i>Microchemical Journal</i> , 2019 , 145, 492-500	4.8	21
99	A focus on the features of polyaniline nanofibres prepared via developing the single crystals of their block copolymers with poly(ethylene glycol). <i>Bulletin of Materials Science</i> , 2018 , 41, 1	1.7	2
98	Chemical and physical effects of processing environment on simultaneous single crystallization of biodegradable poly(ϵ -caprolactone) and poly(L-lactide) brushes and poly(ethylene glycol) substrate. <i>European Polymer Journal</i> , 2018 , 103, 293-303	5.2	3
97	Conductive poly(3-hexylthiophene) nanofibers and single crystals covered by coily dielectric oligomers and distinctions between their structures developed by self-seeding and isothermal approaches. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 381-398	2	5
96	Synthesis and characterization of poly(methyl methacrylate)/graphene-based thermally expandable microcapsules. <i>Polymer Composites</i> , 2018 , 39, 950-960	3	11
95	Expansion characteristics of expandable styrene/methyl methacrylate copolymer particles: The effects of copolymer molecular weight and particle size. <i>Journal of Cellular Plastics</i> , 2018 , 54, 283-308	1.5	3
94	Effect of miscibility on migration of third component in star-like co-continuous and disperse-within-disperse mixed brushes. <i>Polymer International</i> , 2018 , 67, 141-150	3.3	2
93	Three-dimensional macro/mesoporosity developments in polydimethylsiloxane. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018 , 67, 847-854	3	0
92	Biomimetic antifouling PDMS surface developed via well-defined polymer brushes for cardiovascular applications. <i>European Polymer Journal</i> , 2018 , 106, 305-317	5.2	14
91	Polymer wrapping versus well-oriented crystal growth of polythiophenes onto multi-wall carbon nanotubes via surface chemical modification and regioregularity deliberation. <i>New Journal of Chemistry</i> , 2018 , 42, 14469-14480	3.6	12
90	High-performance photovoltaics by double-charge transporters using graphenic nanosheets and triisopropylsilylethynyl/naphthothiadiazole moieties. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 68, 293-300	6.3	10
89	Synthesis and characterization of high durable linseed oil-urea formaldehyde micro/nanocapsules and their self-healing behaviour in epoxy coating. <i>Progress in Organic Coatings</i> , 2018 , 124, 200-212	4.8	29
88	A comprehensive review on polymer single crystals from fundamental concepts to applications. <i>Progress in Polymer Science</i> , 2018 , 81, 22-79	29.6	32
87	Bulk heterojunction photovoltaics with improved efficiencies using stem-leaf, shish-kebab and double-fibrillar nano-hybrids based on modified carbon nanotubes and poly(3-hexylthiophene). <i>Solar Energy</i> , 2018 , 170, 138-150	6.8	18
86	Effects of different etching strategies on the microtensile repair bond strength of beautiful II giomer material. <i>Journal of Clinical and Experimental Dentistry</i> , 2018 , 10, e732-e738	1.4	0

85	A focus on polystyrene tacticity in synthesized conductive PEDOT:PSS thin films. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	3
84	Investigation of different core-shell toward Janus morphologies by variation of surfactant and feeding composition: A study on the kinetics of DOX release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 578-587	6	35
83	Double/single phase segregation and vertical stratification induced by crystallization in all-crystalline tri/diblock copolymers and homopolymer blends of poly(3-hexylthiophene) and poly(ethylene glycol). <i>Surface and Interface Analysis</i> , 2017 , 49, 630-639	1.5	2
82	The Effect of Chain Extender Type on the Physical, Mechanical, and Shape Memory Properties of Poly(εCaprolactone)-based Polyurethane-ureas. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1977-1985		28
81	Annealing-free multi-thermal techniques comprising aging, cycling and seeding to enhance performance of thick P3HT:PCBM photovoltaic cells via developing hairy crystals. <i>Materials Science in Semiconductor Processing</i> , 2017 , 63, 285-294	4.3	26
80	The highest power conversion efficiencies in poly(3-hexylthiophene)/fullerene photovoltaic cells modified by rod-coil block copolymers under different annealing conditions. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 10611-10624	2.1	22
79	High-Quality Nano/Micro Hairy Single Crystals Developed from Poly(3-hexylthiophene)-Based Conductive Dielectric Block Copolymers Having Flat-on and Edge-on Orientations. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700067	2.6	24
78	Thermal and optical properties of nano/micro single crystals and nanofibers obtained from semiconductive-dielectric poly(3-hexylthiophene) block copolymers. <i>Materials Science in Semiconductor Processing</i> , 2017 , 64, 85-94	4.3	18
77	Fine fibrillar and rectangular/hexagonal ordered grains of poly(3-hexyl thiophene) and poly(ethylene glycol) developed by seeding technique. <i>Journal of Nanostructure in Chemistry</i> , 2017 , 7, 15-27	7.6	10
76	Bioinspired fully physically cross-linked double network hydrogels with a robust, tough and self-healing structure. <i>Materials Science and Engineering C</i> , 2017 , 74, 374-381	8.3	58
75	Enhanced properties of photovoltaic devices tailored with novel supramolecular structures based on reduced graphene oxide nanosheets grafted/functionalized with thiophenic materials. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 1877-1889	2.6	14
74	Disperse-within-disperse patterning on ternary/binary mixed-brush single crystals using polyaniline, polystyrene and poly(methyl methacrylate) grafts. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	5
73	Conventional and rare-patched rod/coil matrix-dispersed patternings on single crystals affected by Rigidity, amorphism and crystallinity of brushes. <i>European Polymer Journal</i> , 2017 , 94, 446-459	5.2	6
72	Evaluation of poly(2-hydroxyethyl methacrylate) and poly(methyl methacrylate)-grafted poly(vinylidene fluoride)-poly(dimethylsiloxane) bilayers for gas separation. <i>Colloid and Polymer Science</i> , 2017 , 295, 1595-1607	2.4	2
71	EFFECTS OF VARIOUS TREATMENTS ON SILICONE RUBBER SURFACE. <i>Rubber Chemistry and Technology</i> , 2017 , 90, 108-125	1.7	4
70	Development of nano-channel single crystals and verification of their structures by small angle X-ray scattering. <i>Polymer Bulletin</i> , 2017 , 74, 1103-1119	2.4	5
69	Effects of nano-silica and boron carbide on the curing kinetics of resole resin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 1217-1226	4.1	14
68	X-ray reflectivity and topography of the solvent-treated P3HT:PCBM thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 182-190	2.1	2

67	Synthesis of polymer nano-brushes by self-seeding method and study of various morphologies by AFM. <i>International Nano Letters</i> , 2016 , 6, 11-19	5.7	4
66	Monte Carlo simulation of transport coefficient in organic solar cells. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	3
65	Preparation, characterization, and thermo-mechanical properties of poly(ϵ -caprolactone)-piperazine-based polyurethane-urea shape memory polymers. <i>Journal of Materials Science</i> , 2016 , 51, 4379-4389	4.3	26
64	A subtle insight into nano-convergence of substrate thickness in melt-grown single-co-crystals. <i>Colloid and Polymer Science</i> , 2016 , 294, 869-878	2.4	9
63	Chemical and electrochemical grafting of polythiophene onto polystyrene synthesized via [Living] anionic polymerization. <i>New Journal of Chemistry</i> , 2016 , 40, 2233-2242	3.6	14
62	Effects of process and post-process treatments on the electrical conductivity of the PEDOT:PSS films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 1278-1285	2.1	13
61	Investigation on the Effect of Different Pre-Cracking Methods on Fracture Toughness of RT-PMMA. <i>Latin American Journal of Solids and Structures</i> , 2016 , 13, 2012-2026	1.4	4
60	Scrolled/Flat Crystalline Structures of Poly(3-hexylthiophene) and Poly(ethylene glycol) Block Copolymers Subsuming Unseeded Half-Ring-Like and Seeded Cubic, Epitaxial, and Fibrillar Crystals. <i>Macromolecules</i> , 2016 , 49, 9531-9541	5.5	28
59	Experimental investigation on the mixed-mode fracture of rubber-toughened PMMA using essential work of fracture method. <i>Engineering Fracture Mechanics</i> , 2016 , 162, 112-120	4.2	9
58	Hydrophilicity improvement of silicone rubber by interpenetrating polymer network formation in the proximal layer of polymer surface. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	10
57	Micro/nano conductive-dielectric channels designed by poly(ethylene glycol) single crystals covered by polyaniline nanofibers. <i>Polymer</i> , 2016 , 92, 264-272	3.9	18
56	Synthesis and characterization of thermally expandable PMMA-based microcapsules with different cross-linking density. <i>Colloid and Polymer Science</i> , 2016 , 294, 1055-1064	2.4	43
55	High efficient and stabilized photovoltaics via morphology manipulating in active layer by rod-coil block copolymers comprising different hydrophilic to hydrophobic dielectric blocks. <i>European Polymer Journal</i> , 2016 , 84, 465-480	5.2	32
54	Characterization of novel extremely extended regime in conductive rod-like polyaniline nanobrush-covered poly(ethylene glycol) single crystals. <i>European Polymer Journal</i> , 2016 , 82, 196-207	5.2	9
53	Effects of exciton blocking layer and cathode electrode work function on the performance of polymer solar cells. <i>Materials Science in Semiconductor Processing</i> , 2015 , 40, 218-223	4.3	1
52	Optimized synthesis of hydroxypropyl cellulose-g-poly(ϵ -caprolactone) network. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	10
51	Synthesis of core-shell PS/PMMA expandable particles via seeded suspension polymerization. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	5
50	Self-assembling nano mixed-brushes having co-continuous surface morphology by melt growing single crystals and comparison with solution patterned leopard-skin surface morphology. <i>RSC Advances</i> , 2015 , 5, 1538-1548	3.7	19

49	Modification of Chemically Exfoliated Graphene to Produce Efficient Piezoresistive Polystyrene-Graphene Composites. <i>Journal of Electronic Materials</i> , 2015 , 44, 3512-3522	1.9	13
48	Arrangement of Conductive Rod Nanobrushes via Conductive Dielectric-Conductive Sandwiched Single Crystals of Poly(ethylene glycol) and Polyaniline Block Copolymers. <i>Macromolecules</i> , 2015 , 48, 8947-8957	5.5	27
47	Effect of 1,8-Diiodooctane on the Performance of P3HT:PCBM Solar Cells. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2015 , 137,	2.3	2
46	Self-designed surfaces via single-co-crystallization of homopolymer and diblock copolymers in various growth conditions. <i>European Polymer Journal</i> , 2015 , 66, 108-118	5.2	19
45	Relationships between processing conditions, morphology, and IV characteristics in P3HT:PCBM solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 2639-2646	2.1	1
44	Mimicking the quasi-random assembly of protein fibers in the dermis by freeze-drying method. <i>Materials Science and Engineering C</i> , 2015 , 49, 807-815	8.3	11
43	Preparation of polymer brushes via growth of single crystals of poly(ethylene glycol)-block-polystyrene diblock copolymers synthesized by ATRP and studying the crystal lateral size and brush tethering density. <i>Polymer Bulletin</i> , 2014 , 71, 3177-3196	2.4	17
42	Effects of various polymer brushes on the crystallization of poly(ethylene glycol) in poly(ethylene glycol)-b-polystyrene and poly(ethylene glycol)-b-poly(methyl methacrylate) single crystals. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	10
41	Epitaxial single crystal surface patterning and study of physical and chemical environmental effects on crystal growth. <i>Colloid and Polymer Science</i> , 2014 , 292, 1375-1383	2.4	19
40	Nascent lateral habits of solution crystallization of poly(ethylene glycol)-block-polystyrene diblock copolymers. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	9
39	Effect of Nanosilica and Boron Carbide on Adhesion Strength of High Temperature Adhesive Based on Phenolic Resin for Graphite Bonding. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 11747-11754	3.9	42
38	A novel approach to prepare polymer mixed-brushes via single crystal surface patterning. <i>RSC Advances</i> , 2014 , 4, 17071-17082	3.7	21
37	Fractographic analysis of the crack resistance of styrene-acrylonitrile/polybutadiene-g-styrene-acrylonitrile blends as evaluated by the essential work of fracture method. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	6
36	Microstructure and characteristic properties of gelatin/chitosan scaffold prepared by a combined freeze-drying/leaching method. <i>Materials Science and Engineering C</i> , 2013 , 33, 3958-67	8.3	112
35	Surface Microdynamics Phase Transition and Internal Structure of High-Density, Ultrathin PHEMA-b-PNIPAM Diblock Copolymer Brushes on Silicone Rubber. <i>Macromolecules</i> , 2013 , 46, 5260-5278	5.5	26
34	Relationships between synthesis parameters and properties of water expandable polystyrene. <i>Journal of Cellular Plastics</i> , 2013 , 49, 13-31	1.5	1
33	Unstable Fracture Behavior of Rubber Toughened Poly(Styrene-co-Acrylonitrile). <i>Journal of Macromolecular Science - Physics</i> , 2013 , 52, 1158-1182	1.4	3
32	Dynamic Compression of in Situ Grown Living Polymer Brush: Simulation and Experiment. <i>Macromolecules</i> , 2012 , 45, 9827-9840	5.5	8

31	Silicone-based hydrogels prepared by interpenetrating polymer network synthesis: Swelling properties and confinements effects on the formation kinetics. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 985-992	2.9	7
30	Synthesis and expansion characteristics of expandable styrene/methyl methacrylate copolymer beads: The effects of monomer composition and cell structure modifying aid. <i>Journal of Cellular Plastics</i> , 2012 , 48, 161-190	1.5	11
29	A new technique for preparation of PDMS/ceramic nanocomposite membrane for gaseous hydrocarbons separation. <i>Journal of Applied Polymer Science</i> , 2012 , 126, 1077-1087	2.9	1
28	Evaluation of fracture toughness of ABS polymers via the essential work of fracture (EWF) method. <i>Journal of Materials Science</i> , 2012 , 47, 6375-6386	4.3	23
27	Relationship between microscopic deformations and macroscopic mechanical response of SAN/PB-g-SAN blends via interparticle distance concept. <i>Journal of Polymer Research</i> , 2012 , 19, 1	2.7	3
26	Rheology, morphology and tensile properties of reactive compatibilized polyethylene/polystyrene blends via Friedel-Crafts alkylation reaction. <i>Polymer Bulletin</i> , 2012 , 69, 241-259	2.4	19
25	The effect of expansion conditions on the batch foaming dynamics of St/MMA copolymer. <i>Journal of Cellular Plastics</i> , 2012 , 48, 125-140	1.5	12
24	Copolymerization of styrene and methyl methacrylate. Part I: Experimental kinetics and mathematical modeling. <i>Polymer</i> , 2011 , 52, 4362-4376	3.9	9
23	Study on the effective process parameters influencing styrene and acrylonitrile grafting onto seeded polybutadiene latex. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 1752-1761	2.9	6
22	Surface modification of nanocomposite ceramic membranes by PDMS for condensable hydrocarbons separation. <i>Desalination</i> , 2010 , 250, 1136-1139	10.3	10
21	Flow and Mechanical Properties of Carbon Black Filled Acrylonitrile-Butadiene-Styrene (ABS). <i>Journal of Thermoplastic Composite Materials</i> , 2009 , 22, 753-766	1.9	3
20	Characterization of rubber phase in acrylonitrile-Butadiene-Styrene polymers. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 1908-1913	2.9	6
19	Relationships between the morphology, swelling and mechanical properties of poly(dimethyl siloxane)/poly(acrylic acid) interpenetrating networks. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2009 , 2, 534-41	4.1	5
18	Thermo-oxidative degradation of MMA-St copolymer and EPS lost foams: Kinetics study. <i>Thermochimica Acta</i> , 2009 , 488, 43-48	2.9	17
17	Preparation and Characterization of Expandable St/MMA Copolymers Produced by Suspension Polymerization. <i>Journal of Cellular Plastics</i> , 2009 , 45, 197-224	1.5	20
16	Radiation-induced graft copolymerization of MMA monomer onto UHMWPE: Adhesion improvement. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 1086-1092	2.9	4
15	Non-isothermal degradation kinetics of MMA-St copolymer and EPS lost foams. <i>Thermochimica Acta</i> , 2008 , 474, 72-77	2.9	20
14	Morphology, thermal, and mechanical properties of acrylonitrile-Butadiene-Styrene/carbon black composites. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 2236-2244	2.9	17

13	Cure kinetics of a polymer-based composite friction material. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 9-17	2.9	12
12	Hydrophilic interpenetrating polymer networks of poly(dimethyl siloxane) (PDMS) as biomaterial for cochlear implants. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006 , 17, 341-55	3.5	45
11	Wear and thermal effects in low modulus polymer-based composite friction materials. <i>Journal of Applied Polymer Science</i> , 2005 , 95, 1181-1188	2.9	13
10	Segmented detachable structure of cochlear-implant electrodes for close-hugging engagement with the modiolus. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 68, 191-8		9
9	Adhesion between modified and unmodified poly(dimethylsiloxane) layers for a biomedical application. <i>International Journal of Adhesion and Adhesives</i> , 2004 , 24, 247-257	3.4	19
8	A Numerical Approach to Analyze the Curing Process of Railroad Composite Brake Shoe 2004 , 811-816		
7	Properties of poly(dimethylsiloxane)/hydrogel multicomponent systems. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 2145-2156	2.6	27
6	Sequential interpenetrating polymer networks of poly(2-hydroxyethyl methacrylate) and polydimethylsiloxane. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 1825-1831	2.9	41
5	Comparison of viscoelastic properties of polydimethylsiloxane/poly(2-hydroxyethyl methacrylate) IPNs with their physical blends. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 3480-3485	2.9	22
4	Bulk and surface modification of silicone rubber for biomedical applications. <i>Polymer International</i> , 2002 , 51, 882-888	3.3	45
3	Modification of polysiloxane polymers for biomedical applications: a review. <i>Polymer International</i> , 2001 , 50, 1279-1287	3.3	401
2	Thermal interaction between polymer-based composite friction materials and counterfaces. <i>Journal of Applied Polymer Science</i> , 2001 , 81, 364-369	2.9	13
1	Preparation and characterization of electrospun shape memory polyurethane/graphene quantum dot nanocomposite scaffolds for tissue engineering. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1-9	3	0