

Mehdi Jaymand

List of Publications by Year in descending order

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145
papers

4,900
citations

136950

32
h-index

133252

59
g-index

155
all docs

155
docs citations

155
times ranked

4733
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor microenvironment complexity and therapeutic implications at a glance. <i>Cell Communication and Signaling</i> , 2020, 18, 59.	6.5	909
2	Recent progress in chemical modification of polyaniline. <i>Progress in Polymer Science</i> , 2013, 38, 1287-1306.	24.7	261
3	Scaffolding polymeric biomaterials: Are naturally occurring biological macromolecules more appropriate for tissue engineering?. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 673-694.	7.5	145
4	Modification of polythiophene by the incorporation of processable polymeric chains: Recent progress in synthesis and applications. <i>Progress in Polymer Science</i> , 2015, 47, 26-69.	24.7	120
5	Natural polymers-based light-induced hydrogels: Promising biomaterials for biomedical applications. <i>Coordination Chemistry Reviews</i> , 2020, 420, 213432.	18.8	116
6	A bio-inspired magnetic natural hydrogel containing gelatin and alginate as a drug delivery system for cancer chemotherapy. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 438-445.	7.5	102
7	Horizontal Gene Transfer: From Evolutionary Flexibility to Disease Progression. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 229.	3.7	80
8	Naturally occurring biological macromolecules-based hydrogels: Potential biomaterials for peripheral nerve regeneration. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 795-817.	7.5	79
9	Chitosan-grafted-poly(methacrylic acid)/graphene oxide nanocomposite as a pH-responsive de novo cancer chemotherapy nanosystem. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1871-1879.	7.5	70
10	A starch-based stimuli-responsive magnetite nanohydrogel as de novo drug delivery system. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 418-426.	7.5	65
11	Potential Applications of Advanced Nano/Hydrogels in Biomedicine: Static, Dynamic, Multi-Stage, and Bioinspired. <i>Advanced Functional Materials</i> , 2020, 30, 2004098.	14.9	65
12	Novel dual stimuli-responsive ABC triblock copolymer: RAFT synthesis, α -schizophrenic micellization, and its performance as an anticancer drug delivery nanosystem. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 282-293.	9.4	62
13	A novel bio-reducible and pH-responsive magnetic nanohydrogel based on β -cyclodextrin for chemo/hyperthermia therapy of cancer. <i>Carbohydrate Polymers</i> , 2021, 252, 117229.	10.2	61
14	Recent progress in the chemical modification of syndiotactic polystyrene. <i>Polymer Chemistry</i> , 2014, 5, 2663-2690.	3.9	60
15	A novel bio-inspired conductive, biocompatible, and adhesive terpolymer based on polyaniline, polydopamine, and polylactide as scaffolding biomaterial for tissue engineering application. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 1174-1184.	7.5	56
16	Grafting of aniline derivatives onto chitosan and their applications for removal of reactive dyes from industrial effluents. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 393-403.	7.5	55
17	Grafting of poly[(methyl methacrylate)- block -styrene] onto cellulose via nitroxide-mediated polymerization, and its polymer/clay nanocomposite. <i>Carbohydrate Polymers</i> , 2016, 152, 297-305.	10.2	54
18	A novel starch-based stimuli-responsive nanosystem for theranostic applications. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 654-661.	7.5	48

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19	Conductive polymers/zeolite (nano-)composites: under-exploited materials. RSC Advances, 2014, 4, 33935-33954.	3.6	44
20	Tarkhineh as a new microencapsulation matrix improves the quality and sensory characteristics of probiotic Lactococcus lactis KUMS-T18 enriched potato chips. Scientific Reports, 2021, 11, 12599.	3.3	43
21	Surface functionalization of graphene oxide with poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (methacr A: Materials Science and Processing, 2016, 122, 1.	2.3	42
22	Novel three-dimensional, conducting, biocompatible, porous, and elastic polyaniline-based scaffolds for regenerative therapies. RSC Advances, 2016, 6, 19437-19451.	3.6	42
23	Development of novel electrically conductive scaffold based on hyperbranched polyester and polythiophene for tissue engineering applications. Journal of Biomedical Materials Research - Part A, 2016, 104, 2673-2684.	4.0	40
24	Novel nanofibrous electrically conductive scaffolds based on poly(ethylene glycol)s-modified polythiophene and poly(μ -caprolactone) for tissue engineering applications. Polymer, 2016, 107, 177-190.	3.8	39
25	Electrically conductive nanofibrous scaffold composed of poly(ethylene glycol)-modified polypyrrole and poly(μ -caprolactone) for tissue engineering applications. Materials Science and Engineering C, 2019, 98, 300-310.	7.3	39
26	Synthesis and characterization of novel type poly (4-chloromethyl styrene-grft-4-vinylpyridine)/TiO ₂ nanocomposite via nitroxide-mediated radical polymerization. Polymer, 2011, 52, 4760-4769.	3.8	38
27	Synthesis of conductive polyaniline-modified polymers via a combination of nitroxide-mediated polymerization and "click chemistry". RSC Advances, 2014, 4, 28653-28663.	3.6	37
28	Multi-walled carbon nanotubes-g-[poly(ethylene glycol)-b-poly(μ -caprolactone)]: synthesis, characterization, and properties. Journal of Polymer Research, 2015, 22, 1.	2.4	37
29	Genotoxicity assessment of carbon-based nanomaterials; Have their unique physicochemical properties made them double-edged swords?. Mutation Research - Reviews in Mutation Research, 2020, 783, 108296.	5.5	36
30	PEGylated hollow pH-responsive polymeric nanocapsules for controlled drug delivery. Polymer International, 2020, 69, 519-527.	3.1	35
31	A novel dual stimuli-responsive thiol-end-capped ABC triblock copolymer: synthesis via reversible addition-fragmentation chain transfer technique, and investigation of its self-assembly behavior. Polymer International, 2017, 66, 1651-1661.	3.1	34
32	Novel "schizophrenic" diblock copolymer synthesized via RAFT polymerization: poly(2-succinyloxyethyl) Tj ETQq0 0 0 rgBT /Overlo Monomers and Polymers, 2017, 20, 190-200.	1.6	34
33	<p>Biomedical Applications of Zeolitic Nanoparticles, with an Emphasis on Medical Interventions</p>. International Journal of Nanomedicine, 2020, Volume 15, 363-386.	6.7	34
34	A de novo theranostic nanomedicine composed of PEGylated graphene oxide and gold nanoparticles for cancer therapy. Journal of Materials Research, 2020, 35, 430-441.	2.6	33
35	Synthesis and characterization of an exfoliated modified syndiotactic polystyrene/Mg-Al-layered double-hydroxide nanocomposite. Polymer Journal, 2011, 43, 186-193.	2.7	32
36	A novel gold-based stimuli-responsive theranostic nanomedicine for chemo-photothermal therapy of solid tumors. Materials Science and Engineering C, 2018, 93, 880-889.	7.3	32

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37	Chemically Modified Natural Polymer-Based Theranostic Nanomedicines: Are They the Golden Gate toward a <i>de Novo</i> Clinical Approach against Cancer?. ACS Biomaterials Science and Engineering, 2020, 6, 134-166.	5.2	32
38	Chemical modification of polyaniline by N-grafting of polystyrenic chains synthesized via nitroxide-mediated polymerization. Journal of the Brazilian Chemical Society, 2012, 23, 1008-1017.	0.6	31
39	Graft copolymerization of thiophene onto polystyrene synthesized via nitroxide-mediated polymerization and its polymer-clay nanocomposite. Polymer International, 2014, 63, 402-412.	3.1	31
40	AB ₂ Y-shaped miktoarm star conductive polyaniline-modified poly(ethylene glycol) and its electrospun nanofiber blend with poly(μ -caprolactone). RSC Advances, 2015, 5, 36715-36726.	3.6	31
41	Dynamic DNA nanostructures in biomedicine: Beauty, utility and limits. Journal of Controlled Release, 2019, 315, 166-185.	9.9	31
42	Toxicological profile of lipid-based nanostructures: are they considered as completely safe nanocarriers?. Critical Reviews in Toxicology, 2020, 50, 148-176.	3.9	31
43	A bioinspired gelatin-based pH - and thermal-sensitive magnetic hydrogel for in vitro chemo/hyperthermia treatment of breast cancer cells. Journal of Applied Polymer Science, 2021, 138, 50578.	2.6	31
44	Synthesis and characterization of polystyrene-graft-polythiophene via a combination of atom transfer radical polymerization and Grignard reaction. RSC Advances, 2014, 4, 16792-16802.	3.6	30
45	PEGylated graphene oxide/Fe ₃ O ₄ nanocomposite: Synthesis, characterization, and evaluation of its performance as de novo drug delivery nanosystem. Bio-Medical Materials and Engineering, 2018, 29, 177-190.	0.6	30
46	Static DNA Nanostructures For Cancer Theranostics: Recent Progress In Design And Applications. Nanotechnology, Science and Applications, 2019, Volume 12, 25-46.	4.6	30
47	Conducting polymer-based electrically conductive adhesive materials: design, fabrication, properties, and applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 10947-10961.	2.2	30
48	Pseudohomogeneous metallic catalyst based on tungstate-decorated amphiphilic carbon quantum dots for selective oxidative scission of alkenes to aldehyde. Scientific Reports, 2021, 11, 4411.	3.3	30
49	Advanced Bioresponsive Multitasking Hydrogels in the New Era of Biomedicine. Advanced Functional Materials, 2021, 31, 2104123.	14.9	30
50	Cellulose/polyaniline derivatives nanocomposites: Synthesis and their performance in removal of anionic dyes from simulated industrial effluents. Journal of Applied Polymer Science, 2017, 134, 45352.	2.6	29
51	Electrically conductive nanofibrous scaffolds based on poly(ethylene glycol)s-modified polyaniline and poly(μ -caprolactone) for tissue engineering applications. RSC Advances, 2016, 6, 105371-105386.	3.6	28
52	Stimuli-responsive natural gums-based drug delivery systems for cancer treatment. Carbohydrate Polymers, 2021, 254, 117422.	10.2	28
53	Bioinspired hydrogels build a bridge from bench to bedside. Nano Today, 2021, 39, 101157.	11.9	28
54	Functionalized multiwalled carbon nanotubes as reinforcing agents for poly(vinyl alcohol) and poly(vinyl alcohol)/starch nanocomposites: synthesis, characterization and properties. Polymer International, 2015, 64, 689-695.	3.1	27

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55	Multistimuli responsive polymeric nanosystems for theranostic applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 38-47.	3.4	27
56	Enhanced thrombolysis using tissue plasminogen activator (tPA)-loaded PEGylated PLGA nanoparticles for ischemic stroke. Journal of Drug Delivery Science and Technology, 2019, 53, 101165.	3.0	27
57	Surface modification of montmorillonite with novel modifier and preparation of polystyrene/montmorillonite nanocomposite by in situ radical polymerization. Journal of Polymer Research, 2011, 18, 957-963.	2.4	26
58	Synthesis and characterization of a terpolymer derived from styrene, methyl styrene, and polyaniline and its organoclay nanocomposite. Journal of Applied Polymer Science, 2012, 125, E131.	2.6	26
59	Tragacanth gum-based pH-responsive magnetic hydrogels for smart chemo/hyperthermia therapy of solid tumors. Polymers for Advanced Technologies, 2021, 32, 262-271.	3.2	26
60	Polysaccharide-based hydrogels: properties, advantages, challenges, and optimization methods for applications in regenerative medicine. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 1319-1333.	3.4	26
61	Functional dendritic compounds: potential prospective candidates for dental restorative materials and in situ re-mineralization of human tooth enamel. RSC Advances, 2016, 6, 43127-43146.	3.6	24
62	Exfoliated syndiotactic polystyrene-graft-poly(methyl methacrylate)/montmorillonite nanocomposite prepared by solvent blending. Polymer Journal, 2011, 43, 901-908.	2.7	23
63	Novel nanostructured star-shaped polyaniline derivatives and their electrospun nanofibers with gelatin. RSC Advances, 2015, 5, 107680-107693.	3.6	23
64	Determination of losartan potassium in the presence of hydrochlorothiazide via a combination of magnetic solid phase extraction and fluorometry techniques in urine samples. RSC Advances, 2015, 5, 102895-102903.	3.6	23
65	A novel strategy for spectrophotometric simultaneous determination of amitriptyline and nortriptyline based on derivation with a quinonoid compound in serum samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 168, 235-243.	3.9	23
66	Synthesis and characterization of a novel stimuli-responsive magnetite nanohydrogel based on poly(ethylene glycol) and poly(N-isopropylacrylamide) as drug carrier. Journal of Applied Polymer Science, 2018, 135, 46657.	2.6	23
67	<p>A Review on the Biodistribution, Pharmacokinetics and Toxicity of Bismuth-Based Nanomaterials</p>. International Journal of Nanomedicine, 2020, Volume 15, 7079-7096.	6.7	23
68	Multi-stimuli-responsive magnetic hydrogel based on Tragacanth gum as a de novo nanosystem for targeted chemo/hyperthermia treatment of cancer. Journal of Materials Research, 2021, 36, 858-869.	2.6	23
69	Poly(4-Chloromethyl Styrene-g-4-Vinylpyridine)/TiO ₂ Thin Films as Templates for the Synthesis of Polypyrrole in the Nanometer-Sized Domain. Designed Monomers and Polymers, 2011, 14, 433-444.	1.6	22
70	Synthesis and characterization of well-defined poly (4-chloromethyl styrene-g-4-vinylpyridine)/TiO ₂ nanocomposite via ATRP technique. Journal of Polymer Research, 2011, 18, 1617-1624.	2.4	22
71	In situ chemical oxidative graft polymerization of aniline from phenylamine end-capped poly(ethylene Tj ETQq1 1 0.784314 rgBT /Over	3.6	22
72	Amphiphilic Carbon Quantum Dots as a Bridge to a Pseudohomogeneous Catalyst for Selective Oxidative Cracking of Alkenes to Aldehydes: A Nonmetallic Oxidation System. ACS Applied Materials & Interfaces, 2020, 12, 31360-31371.	8.0	22

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73	Radiolabeled carbon-based nanostructures: New radiopharmaceuticals for cancer therapy?. <i>Coordination Chemistry Reviews</i> , 2021, 440, 213974.	18.8	22
74	In situ chemical oxidative graft polymerization of thiophene derivatives from multi-walled carbon nanotubes. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	21
75	Star-like nanostructured polyaniline and polyanisidine prepared from α -D-glucose: synthesis, characterization, and properties. <i>RSC Advances</i> , 2015, 5, 21197-21205.	3.6	21
76	Graphene quantum dots coated on quartz sand as efficient and low-cost adsorbent for removal of Hg^{2+} and Pb^{2+} from aqueous solutions. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, S24.	2.3	21
77	Folate-conjugated thermal- and pH-responsive magnetic hydrogel as a drug delivery nano-system for α -chemo/hyperthermia therapy of solid tumors. <i>Materials Today Communications</i> , 2022, 30, 103148.	1.9	21
78	Modified syndiotactic polystyrene/montmorillonite nanocomposite: Synthesis, characterization, and properties. <i>Macromolecular Research</i> , 2011, 19, 998-1005.	2.4	20
79	A star-shaped polythiophene dendrimer coating for solid-phase microextraction of triazole agrochemicals. <i>Mikrochimica Acta</i> , 2018, 185, 179.	5.0	20
80	Biomaterials in Valvular Heart Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 529244.	4.1	20
81	Hyaluronic acid-based drug nanocarriers as a novel drug delivery system for cancer chemotherapy: A systematic review. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 439-447.	2.0	20
82	Cell-Penetrating Peptides: As a Promising Theranostics Strategy to Circumvent the Blood-Brain Barrier for CNS Diseases. <i>Current Drug Delivery</i> , 2020, 17, 375-386.	1.6	20
83	Human plasma protein corona decreases the toxicity of pillar-layer metal organic framework. <i>Scientific Reports</i> , 2020, 10, 14569.	3.3	19
84	Chemical and electrochemical grafting of polypyrrole onto thiophene-functionalized polystyrene macromonomer. <i>Materials Science in Semiconductor Processing</i> , 2015, 31, 463-470.	4.0	18
85	Intelligent anticancer drug delivery performances of two poly(<i>N</i> -isopropylacrylamide)-based magnetite nanohydrogels. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1254-1261.	2.0	17
86	Synthesis and characterization of a pH- and glucose-responsive triblock copolymer via RAFT technique and its conjugation with gold nanoparticles for biomedical applications. <i>Polymers for Advanced Technologies</i> , 2018, 29, 3097-3105.	3.2	17
87	Preparation, physicochemical characterization, and anti-proliferative properties of Lawsone-loaded solid lipid nanoparticles. <i>Chemistry and Physics of Lipids</i> , 2021, 239, 105123.	3.2	17
88	Electrically conductive nanocomposite adhesives based on epoxy or chloroprene containing polyaniline, and carbon nanotubes. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6057-6067.	2.2	16
89	A Novel Strategy for Synthesis of Polystyrene/ Fe_3O_4 Nanocomposite: RAFT Polymerization, Functionalization, and Coordination Techniques. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 873-882.	1.9	16
90	Novel strategies for the synthesis of hydroxylated and carboxylated polystyrenes. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	16

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91	A novel multi-stimuli-responsive theranostic nanomedicine based on Fe ₃ O ₄ @Au nanoparticles against cancer. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1832-1843.	2.0	16
92	Synthesis and Characterization of Conductive Polyaniline-Modified Polymers via Nitroxide Mediated Radical Polymerization. <i>Porrime</i> , 2010, 34, 553-559.	0.2	16
93	Synthesis and characterization of novel diglycidyl methacrylate-based macromonomers on isosorbide for dental composites. <i>Macromolecular Research</i> , 2013, 21, 427-434.	2.4	15
94	Chemical and electrochemical grafting of polyaniline onto poly(vinyl chloride): synthesis, characterization, and materials properties. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1056-1063.	3.2	15
95	Chemical and electrochemical grafting of polythiophene onto polystyrene synthesized via "living" anionic polymerization. <i>New Journal of Chemistry</i> , 2016, 40, 2233-2242.	2.8	15
96	Sulfamic Acid-Functionalized Fe ₃ O ₄ /TiO ₂ Nanoparticles as Novel Magnetic Catalyst for the Synthesis of Hexahydroquinolines under Solvent-Free Condition. <i>ChemistrySelect</i> , 2018, 3, 13722-13728.	1.5	15
97	Dual stimuli-responsive polymeric hollow nanocapsules as "smart" drug delivery system against cancer. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1492-1504.	1.3	15
98	Novel nanostructured star-shaped polythiophene, and its electrospun nanofibers with gelatin. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	14
99	Thermal-responsive magnetic hydrogels based on Tragacanth gum for delivery of anticancer drugs. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	14
100	A novel stimuli-responsive magnetic hydrogel based on nature-inspired tragacanth gum for chemo/hyperthermia treatment of cancerous cells. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	14
101	Chemical and electrochemical grafting of polythiophene onto poly(vinyl chloride): synthesis, characterization, and materials properties. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 489-497.	2.5	13
102	Soluble and electrically conductive polyaniline-modified polymers: Incorporation of biocompatible polymeric chains through ATRP technique. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	13
103	A facile and efficient strategy for the functionalization of multiple-walled carbon nanotubes using well-defined polypropylene-grafted polystyrene. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	13
104	Iron oxide/gold nanoparticles-decorated reduced graphene oxide nanohybrid as the thermo-radiotherapy agent. <i>IET Nanobiotechnology</i> , 2020, 14, 428-432.	3.8	13
105	Nanostructured poly(2,2'-bithiophene-3,4-ethylenedioxythiophene). <i>High Performance Polymers</i> , 2015, 27, 161-170.	1.8	12
106	Chemical and electrochemical grafting of polythiophene onto poly(methyl methacrylate), and its electrospun nanofibers with gelatin. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 12803-12812.	2.2	12
107	Fe _{3-x} Ti _x O ₄ -supported sulfamic acid nanoparticles: New magnetic nanocatalyst for the synthesis of hexahydroquinolines. <i>Journal of Organometallic Chemistry</i> , 2019, 895, 55-63.	1.8	12
108	Microfibers nanocomposite based on polyacrylonitrile fibers/bismuth oxide nanoparticles as X-ray shielding material. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50755.	2.6	12

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109	Bioreducible and pH-responsive shell crosslinked polymeric micelles from a star-shaped terpolymer as drug delivery system. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 481-492.	3.4	12
110	Nanofibrous electroconductive nerve guide conduits based on polyaniline-co-polydopamine random copolymer for peripheral nerve regeneration. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	12
111	Polystyrene-graft-poly(2,2-bithiophene): synthesis, characterization, and properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 2887-2896.	2.2	11
112	Fabrication of novel dental nanocomposites and investigation their physicochemical and biological properties. <i>Materials Research Express</i> , 2018, 5, 035406.	1.6	11
113	Modification of thermoplastic polyurethane through the grafting of well-defined polystyrene and preparation of its polymer/clay nanocomposite. <i>Polymer Bulletin</i> , 2020, 77, 1107-1120.	3.3	11
114	Gelatin-based nanofibrous electrically conductive scaffolds for tissue engineering applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 693-702.	3.4	11
115	Preclinical studies conducted on nanozyme antioxidants: shortcomings and challenges based on USFDA regulations. <i>Nanomedicine</i> , 2021, 16, 1133-1151.	3.3	11
116	Conducting poly(vinyl chloride)-graft-polythiophene: synthesis, characterization, and materials properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 2267-2275.	2.2	10
117	Nanostructured star-shaped polythiophene with tannic acid core: Synthesis, characterization, and its physicochemical properties. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	9
118	Synthesis and characterization of potential multifunctional methacrylate-based dental monomers. <i>Research on Chemical Intermediates</i> , 2017, 43, 5707-5722.	2.7	9
119	Polystyrene-modified novolac epoxy resin/clay nanocomposite: Synthesis, and characterization. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1484-1492.	3.2	9
120	A dual stimuli-responsive star-shaped nanocarrier as de novo drug delivery system for chemotherapy of solid tumors. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	9
121	Sulfur functionality-modified starches: Review of synthesis strategies, properties, and applications. <i>International Journal of Biological Macromolecules</i> , 2022, 197, 111-120.	7.5	9
122	Synthesis and Characterization of Syndiotactic Polystyrene-graft-poly(methyl methacrylate) via Free Radical Polymerization. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 514-520.	1.9	8
123	A de novo formulation of metformin using chitosan-based nanomicelles for potential diabetes therapy. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48037.	2.6	8
124	Nitroxide-mediated graft copolymerization of styrene from cellulose and its polymer/montmorillonite nanocomposite. <i>Journal of Elastomers and Plastics</i> , 2019, 51, 473-489.	1.5	8
125	Electrically conductive adhesive based on novolac-grafted polyaniline: synthesis and characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 2821-2828.	2.2	8
126	Fabrication and characterization of electroconductive/osteoconductive hydrogel nanocomposite based on poly(dopamine-co-aniline) containing calcium phosphate nanoparticles. <i>Journal of Molecular Liquids</i> , 2022, 362, 119701.	4.9	8

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127	Amine-functionalized carbon nanotubes as curing agent for polystyrene-modified novolac epoxy resin: synthesis, characterization and possible applications. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	7
128	Green synthesis and biological activities assessment of some new chromeno[2,3-b]pyridine derivatives. <i>Molecular Diversity</i> , 2022, 26, 891-902.	3.9	7
129	Electroactive nanofibrous scaffold based on polythiophene for bone tissue engineering application. <i>Journal of Materials Research</i> , 2022, 37, 796-806.	2.6	7
130	A Thermal-Responsive Y-Shaped Miktoarm Amphiphilic Block Copolymer Composed of Poly(μ -caprolactone) and Poly(N-isopropylacrylamide) as a Nano-micellar Carrier for Anti-cancer Drugs. <i>Polymer Science - Series B</i> , 2020, 62, 540-549.	0.8	6
131	Separation and quantitative determination of cinacalcet metabolites in urine sample using RP-HPLC after derivation with a fluorescent labeling reagent. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1027, 214-220.	2.3	5
132	Nanostructured star-shaped polythiophene dendrimer as a highly efficient sorbent for microextraction in packed syringe for HPLC analysis of the Clofentezine in milk and juice samples. <i>Separation Science Plus</i> , 2018, 1, 202-208.	0.6	5
133	A Novel Stimuli-Responsive Magnetite Nanocomposite as De Novo Drug Delivery System. <i>Polymer-Plastics Technology and Materials</i> , 2019, 58, 405-418.	1.3	5
134	Irreversible thermal inactivation and conformational lock of alpha glucosidase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1-7.	3.5	5
135	Electrically Conductive Nanofibers Composed of Chitosan-grafted Polythiophene and Poly(μ -caprolactone) as Tissue Engineering Scaffold. <i>Fibers and Polymers</i> , 2021, 22, 49-58.	2.1	5
136	Fabrication of a dual stimuli-responsive magnetic nanohydrogel for delivery of anticancer drugs. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 1166-1174.	2.0	5
137	Development and validation of a quantitative assay for the determination of cinacalcet and its main metabolites in human plasma using RP-HPLC method. <i>Microchemical Journal</i> , 2017, 130, 377-383.	4.5	4
138	Roles of miRNAs in Colorectal Cancer: Therapeutic Implications and Clinical Opportunities. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 233-247.	1.4	4
139	Novel Strategy for Anhydride-Functionalization of Poly(Vinyl Chloride): Synthesis and Characterization. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1357-1364.	1.9	3
140	A novel epoxy-based resin nanocomposite: Co-curing of epoxidized novolac and epoxidized poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	3
141	The magnetic graphene-based nanocomposite: An efficient anticancer delivery system. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
142	Novel dental nanocomposites: fabrication and investigation of their physicochemical, mechanical and biological properties. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	2
143	Ionic Liquid-Functionalized Titanomagnetite Nanoparticles as Efficient and Recyclable Catalyst for Green Synthesis of 2,3-Dihydroquinazolin-4(1H)-ones. <i>Chemistry and Chemical Technology</i> , 2020, 14, 62-69.	1.1	2
144	A Novel pH-Responsive Magnetic Nanosystem for Delivery of Anticancer Drugs. <i>Polymer Science - Series B</i> , 2021, 63, 408-417.	0.8	1

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