

# Aiping

## List of Publications by Year in descending order

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55  
papers

1,449  
citations

361413

20  
h-index

330143

37  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Suspension of Fe <sub>3</sub> O <sub>4</sub> nanoparticles stabilized by chitosan and o-carboxymethylchitosan. International Journal of Pharmaceutics, 2008, 350, 361-368.	5.2	169
2	The aggregation behavior of O-carboxymethylchitosan in dilute aqueous solution. Colloids and Surfaces B: Biointerfaces, 2005, 43, 143-149.	5.0	119
3	Polysaccharide surface modified Fe <sub>3</sub> O <sub>4</sub> nanoparticles for camptothecin loading and release. Acta Biomaterialia, 2009, 5, 1489-1498.	8.3	84
4	SnSe <sub>2</sub> Nanoparticles Chemically Embedded in a Carbon Shell for High-Rate Sodium-Ion Storage. ACS Applied Materials & Interfaces, 2020, 12, 2346-2353.	8.0	77
5	PMMA-grafted-silica/PVC nanocomposites: Mechanical performance and barrier properties. Journal of Applied Polymer Science, 2008, 108, 2189-2196.	2.6	70
6	Graphene nanosheets loaded Fe <sub>3</sub> O <sub>4</sub> nanoparticles as a promising anode material for lithium ion batteries. Journal of Alloys and Compounds, 2020, 813, 152160.	5.5	65
7	Sub-micron calcium carbonate as a template for the preparation of dendrite-like PANI/CNT nanocomposites and its corrosion protection properties. Chemical Engineering Journal, 2020, 385, 123396.	12.7	54
8	Preparation of Well-Dispersed Superparamagnetic Iron Oxide Nanoparticles in Aqueous Solution with Biocompatible N-Succinyl-O-carboxymethylchitosan. Journal of Physical Chemistry C, 2008, 112, 5432-5438.	3.1	52
9	Hierarchically structured carbon nanotube-polyaniline nanobrushes for corrosion protection over a wide pH range. RSC Advances, 2017, 7, 35330-35339.	3.6	48
10	Film characterization of poly(styrene-butylacrylate-acrylic acid)-silica nanocomposite. Journal of Colloid and Interface Science, 2008, 322, 51-58.	9.4	46
11	Surface modified nano-hydroxyapatite/poly(lactide acid) composite and its osteocyte compatibility. Materials Science and Engineering C, 2012, 32, 1796-1801.	7.3	46
12	A gelatin composite scaffold strengthened by drug-loaded halloysite nanotubes. Materials Science and Engineering C, 2017, 78, 362-369.	7.3	45
13	Facile fabrication of heterostructured cubic-CuFe <sub>2</sub> O <sub>4</sub> /ZnO nanofibers (c-CFZs) with enhanced visible-light photocatalytic activity and magnetic separation. RSC Advances, 2016, 6, 110155-110163.	3.6	38
14	The green synthesis rGO/Fe <sub>3</sub> O <sub>4</sub> /PANI nanocomposites for enhanced electromagnetic waves absorption. Progress in Organic Coatings, 2020, 139, 105476.	3.9	35
15	Preparation and properties of polylactide-silica nanocomposites. Journal of Applied Polymer Science, 2010, 116, 2866-2873.	2.6	33
16	Fabricating hydroxyapatite nanorods using a biomacromolecule template. Applied Surface Science, 2011, 257, 3174-3179.	6.1	31
17	Synthesis of nanosized 58S bioactive glass particles by a three-dimensional ordered macroporous carbon template. Materials Science and Engineering C, 2017, 75, 590-595.	7.3	28
18	Surface modification of ePTFE vascular grafts with O-carboxymethylchitosan. Polymer International, 2004, 53, 15-19.	3.1	26

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19	Salt effects on aggregation of O-carboxymethylchitosan in aqueous solution. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 47, 20-28.	5.0	24
20	Novel surfactant for preparation of poly(L-lactic acid) nanoparticles with controllable release profile and cytocompatibility for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 377-383.	5.0	23
21	Poly (styrene- <i>n</i> -butyl acrylate-methyl methacrylate)/silica nanocomposites prepared by emulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2011, 120, 3654-3661.	2.6	22
22	A novel modification of carbon nanotubes for improving the electrical and mechanical properties of polyethylene composites. <i>Polymer Testing</i> , 2019, 74, 72-76.	4.8	19
23	Preparation and investigation of arsenic trioxide-loaded polylactic acid/magnetic hybrid nanoparticles. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 326-332.	2.6	18
24	The synthesis and corrosion protection mechanisms of PANI/CNT nanocomposite doped with organic phosphoric acid. <i>Progress in Organic Coatings</i> , 2021, 153, 106134.	3.9	18
25	Self-assembly of N-maleoylchitosan in aqueous media. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 221-225.	5.0	16
26	Synthesis and aggregation behavior of N-succinyl-o-carboxymethylchitosan in aqueous solutions. <i>Colloid and Polymer Science</i> , 2007, 285, 1535-1541.	2.1	15
27	Chitosan-poly(acrylic acid) complex modified paramagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles for camptothecin loading and release. <i>Journal of Materials Research</i> , 2009, 24, 2307-2315.	2.6	15
28	Interactions between O-carboxymethylchitosan and bovine serum albumin. <i>Materials Chemistry and Physics</i> , 2008, 112, 41-46.	4.0	14
29	Preparation of N-Maleoylchitosan Nanocapsules for Loading and Sustained Release of Felodipine. <i>Biomacromolecules</i> , 2009, 10, 1997-2002.	5.4	14
30	The synthesis and characterization of polymerizable and biocompatible <i>N</i> -maleic acyl-chitosan. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 85B, 489-495.	3.4	13
31	A new strategy for synthesizing silver doped mesoporous bioactive glass fibers and their bioactivity, antibacterial activity and drug loading performance. <i>RSC Advances</i> , 2020, 10, 44835-44840.	3.6	12
32	Patterning of a Random Copolymer of Poly[lactide-co-glycotide-co-( $\epsilon$ -caprolactone)] by UV Embossing for Tissue Engineering. <i>Macromolecular Bioscience</i> , 2006, 6, 51-57.	4.1	11
33	Preparation and reticulation of styrene acrylic/epoxy complex latex. <i>Polymer Bulletin</i> , 2014, 71, 1523-1537.	3.3	11
34	Eco-friendly synthesis of graphene nanoplatelets via a carbonation route and its reinforcement for polytetrafluoroethylene composites. <i>Journal of Materials Science</i> , 2018, 53, 626-636.	3.7	11
35	Interface regulation of graphene/carbon nanotube on the thermal conductivity and anticorrosion performance of their nanocomposite. <i>Progress in Organic Coatings</i> , 2020, 140, 105480.	3.9	11
36	Covalent immobilization of O-butrylchitosan with a photosensitive hetero-bifunctional crosslinking reagent on biopolymer substrate surface and bloodcompatibility characterization. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2003, 14, 411-421.	3.5	10

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37	Organosilicone modified styrene-acrylic latex: preparation and application. <i>Polymer Bulletin</i> , 2013, 70, 2373-2385.	3.3	10
38	Synthesis and properties of polystyrene- $\text{SiO}_2$ filled polypropylene nanocomposites. <i>Polymer Composites</i> , 2010, 31, 807-815.	4.6	9
39	Coincorporation of nano-silica and nano-calcium carbonate in polypropylene. <i>Journal of Applied Polymer Science</i> , 2011, 121, 3007-3013.	2.6	9
40	Spherical N-carboxyethylchitosan/hydroxyapatite nanoparticles prepared by ionic diffusion process in a controlled manner. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 3095-3101.	3.6	8
41	Interface enhancement between polytetrafluoroethylene and glass fibers modified with a titanate coupler. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	8
42	Synthesis, characterization, interfacial interactions, and properties of reduced graphene oxide/ $\text{Fe}_3\text{O}_4$ /polyaniline nanocomposites. <i>Polymer Composites</i> , 2019, 40, E1111.	4.6	8
43	Preparation and anticoagulant property of phosphorylcholine-terminated o-benzoylchitosan derivative. <i>Journal of Applied Polymer Science</i> , 2003, 88, 489-493.	2.6	7
44	Progress of three-dimensional macroporous bioactive glass for bone regeneration. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 470-483.	4.4	7
45	Development of poly(vinyl acetate-methylacrylic acid)/chitosan/ $\text{Fe}_3\text{O}_4$ nanoparticles for the diagnosis of non-alcoholic steatohepatitis with magnetic resonance imaging. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 3075-3082.	3.6	7
46	Poly(lactic acid)/N-maleoylchitosan core-shell capsules: Preparation and drug release properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 91, 162-167.	5.0	7
47	Preparation and characterization of polyaniline-poly(styrene-acrylate) composite latexes. <i>Polymer Bulletin</i> , 2015, 72, 2503-2518.	3.3	6
48	Preparation of hollow $\text{Fe}_3\text{O}_4$ spheres through a facile method and their applications. <i>Functional Materials Letters</i> , 2017, 10, 1750075.	1.2	5
49	Enhanced Anticancer Cells Effects of Optimized Suspension Stable $\text{As}_2\text{O}_3$ -Loaded Poly(lactic-co-glycolic acid) Nanocapsules. <i>Chinese Journal of Chemistry</i> , 2015, 33, 777-784.	4.9	4
50	Size-controlled/Surface-functionalized Polystyrene Nanospheres with Good Biocompatibility and High Encapsulation Efficiency of Cyclosporin A via Miniemulsion Polymerization in One Step. <i>Chinese Journal of Chemistry</i> , 2016, 34, 720-726.	4.9	4
51	The Preparation of Core-shell P(St-MMA)- $\text{SiO}_2$ Hybrid Nanoparticles and Filling in the Styrene/n-butyl Acrylate Adhesive. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 267-280.	2.6	2
52	In situ synthesis of graphene/poly(aniline-co-5-aminosalicylic acid) nanocomposites toward improved electroactivity. <i>Polymer Composites</i> , 2018, 39, 2915-2921.	4.6	2
53	Amphiphilic and biocompatible properties of poly (EA-co-MAA). <i>Journal of Applied Polymer Science</i> , 2013, 127, 3731-3736.	2.6	1
54	Sub-micron calcium carbonate isolated carbon nanotubes/polyethylene composites with controllable electrical conductivity. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51412.	2.6	1

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55	Novel N-doped carbon encapsulation of nanoFe <sub>3</sub> O <sub>4</sub> to improve electrochemical properties of lithium ion battery. Journal of Solid State Electrochemistry, 2022, 26, 2133-2142.	2.5	1