Zheng Jin

List of Publications by Year
in descending order

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61	1,864	331670 21	265206 42
papers	citations	h-index	g-index

61	61	61	2281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chitosan Derivatives and Their Application in Biomedicine. International Journal of Molecular Sciences, 2020, 21, 487.	4.1	467
2	Polymer-Based Nanomaterials and Applications for Vaccines and Drugs. Polymers, 2018, 10, 31.	4.5	227
3	Effects of ozone method treating carbon fibers on mechanical properties of carbon/carbon composites. Materials Chemistry and Physics, 2006, 97, 167-172.	4.0	75
4	Adjuvants and delivery systems based on polymeric nanoparticles for mucosal vaccines. International Journal of Pharmaceutics, 2019, 572, 118731.	5.2	73
5	Preparation and efficacy of Newcastle disease virus DNA vaccine encapsulated in chitosan nanoparticles. International Journal of Nanomedicine, 2014, 9, 389.	6.7	66
6	Chitosan-coated poly(lactic-co-glycolic) acid nanoparticles as an efficient delivery system for Newcastle disease virus DNA vaccine. International Journal of Nanomedicine, 2014, 9, 4609.	6.7	62
7	Quaternized chitosan nanoparticles loaded with the combined attenuated live vaccine against Newcastle disease and infectious bronchitis elicit immune response in chicken after intranasal administration. Drug Delivery, 2017, 24, 1574-1586.	5.7	57
8	A controllable morphology GO/PANI/metal hydroxide composite for supercapacitor. Journal of Electroanalytical Chemistry, 2016, 777, 75-84.	3.8	56
9	Applications of polymer-based nanoparticles in vaccine field. Nanotechnology Reviews, 2019, 8, 143-155.	5.8	54
10	Enhancing Mucosal Immune Response of Newcastle Disease Virus DNA Vaccine Using N-2-Hydroxypropyl Trimethylammonium Chloride Chitosan and N,O-Carboxymethyl Chitosan Nanoparticles as Delivery Carrier. Molecular Pharmaceutics, 2018, 15, 226-237.	4.6	52
11	Antimicrobial activity and cytotoxicity of N-2-HACC and characterization of nanoparticles with N-2-HACC and CMC as a vaccine carrier. Chemical Engineering Journal, 2013, 221, 331-341.	12.7	49
12	Preparation and Efficacy of Newcastle Disease Virus DNA Vaccine Encapsulated in PLGA Nanoparticles. PLoS ONE, 2013, 8, e82648.	2.5	47
13	O -2â€²-Hydroxypropyltrimethyl ammonium chloride chitosan nanoparticles for the delivery of live Newcastle disease vaccine. Carbohydrate Polymers, 2015, 130, 280-289.	10.2	44
14	Biological evaluation of N-2-hydroxypropyl trimethyl ammonium chloride chitosan as a carrier for the delivery of live Newcastle disease vaccine. Carbohydrate Polymers, 2016, 149, 28-39.	10.2	44
15	IgA response and protection following nasal vaccination of chickens with Newcastle disease virus DNA vaccine nanoencapsulated with Ag@SiO2 hollow nanoparticles. Scientific Reports, 2016, 6, 25720.	3.3	37
16	Study of activated nitrogen-enriched carbon and nitrogen-enriched carbon/carbon aerogel composite as cathode materials for supercapacitors. Materials Chemistry and Physics, 2011, 126, 453-458.	4.0	36
17	An overview of biodegradable nanomaterials and applications in vaccines. Vaccine, 2020, 38, 1096-1104.	3.8	36
18	Electrochemical and electrochromic behaviors of polyaniline-graphene oxide composites on the glass substrate/Ag nano-film electrodes prepared by vertical target pulsed laser deposition. Dyes and Pigments, 2015, 117, 72-82.	3.7	34

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19	Mannose-anchored quaternized chitosan/thiolated carboxymethyl chitosan composite NPs as mucoadhesive carrier for drug delivery. Carbohydrate Polymers, 2022, 283, 119174.	10.2	33
20	Preparation of inflorescence-like ACNF/PANI/NiO composite with three-dimension nanostructure for high performance supercapacitors. Journal of Electroanalytical Chemistry, 2017, 790, 40-49.	3.8	29
21	Response of live Newcastle disease virus encapsulated in N -2-hydroxypropyl dimethylethyl ammonium chloride chitosan nanoparticles. Carbohydrate Polymers, 2017, 171, 267-280.	10.2	24
22	Activated nitrogen-enriched carbon/carbon aerogel nanocomposites for supercapacitor applications. Transactions of Nonferrous Metals Society of China, 2009, 19, s738-s742.	4.2	22
23	Advances and Potential Applications of Chitosan Nanoparticles as a Delivery Carrier for the Mucosal Immunity of Vaccine. Current Drug Delivery, 2017, 14, 27-35.	1.6	20
24	Synthesis, characterization, and immune efficacy of layered double hydroxide@SiO2 nanoparticles with shell-core structure as a delivery carrier for Newcastle disease virus DNA vaccine. International Journal of Nanomedicine, 2015, 10, 2895.	6.7	18
25	Targeted Delivery Prodigiosin to Choriocarcinoma by Peptide-Guided Dendrigraft Poly-l-lysines Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 5458.	4.1	18
26	Quaternized Chitosan Nanoparticles in Vaccine Applications. Current Medicinal Chemistry, 2020, 27, 4932-4944.	2.4	17
27	Hybrid supercapacitors based on polyaniline and activated carbon composite electrode materials. Pigment and Resin Technology, 2011, 40, 235-239.	0.9	13
28	Compatibility of Polyurethane/(vinyl ester resin)(ethyl acrylate) Interpenetrating Polymer Network. Polymer Journal, 2007, 39, 1365-1372.	2.7	12
29	Polyurethane and polyaniline foam-derived nickel oxide-incorporated porous carbon composite for high-performance supercapacitors. Journal of Materials Science, 2018, 53, 13156-13172.	3.7	12
30	Evaluation of Chitosan Derivatives Modified Mesoporous Silica Nanoparticles as Delivery Carrier. Molecules, 2021, 26, 2490.	3.8	12
31	Effect of Core-Shell Morphology on the Mechanical Properties and Crystallization Behavior of HDPE/HDPE-g-MA/PA6 Ternary Blends. Polymers, 2018, 10, 1040.	4.5	11
32	Intranasal immunization with O-2â€²-Hydroxypropyl trimethyl ammonium chloride chitosan nanoparticles loaded with Newcastle disease virus DNA vaccine enhances mucosal immune response in chickens. Journal of Nanobiotechnology, 2021, 19, 240.	9.1	11
33	High-Density Polyethylene-Based Ternary Blends Toughened by PA6/PBT Coreâ€“Shell Particles. Polymer-Plastics Technology and Engineering, 2017, 56, 1908-1915.	1.9	10
34	Dendrigraft poly-L-lysines delivery of DNA vaccine effectively enhances the immunogenic responses against H9N2 avian influenza virus infection in chickens. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 27, 102209.	3.3	10
35	Water-soluble N-2-Hydroxypropyl trimethyl ammonium chloride chitosan enhanced the immunogenicity of inactivated porcine parvovirus vaccine vaccination on sows against porcine parvovirus infection. Immunology Letters, 2020, 223, 26-32.	2.5	9
36	Targeting delivery of partial VAR2CSA peptide guided N-2-Hydroxypropyl trimethyl ammonium chloride chitosan nanoparticles for multiple cancer types. Materials Science and Engineering C, 2020, 106, 110171.	7.3	8

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37	Electrochemical supercapacitors based on carbon aerogels/Ni(OH)2 composites and activated carbon. Pigment and Resin Technology, 2009, 38, 230-235.	0.9	5
38	Hybrid Supercapacitors Based on Polyaniline/Activated Carbon Fiber Composite Electrode Materials. Advanced Materials Research, 0, 800, 505-508.	0.3	5
39	Modified polyacrylonitrile-based activated carbon fibers applied in supercapacitor. Pigment and Resin Technology, 2016, 45, 164-171.	0.9	5
40	N-2-Hydroxypropyl Trimethyl Ammonium Chloride Chitosan as Adjuvant Enhances the Immunogenicity of a VP2 Subunit Vaccine against Porcine Parvovirus Infection in Sows. Vaccines, 2021, 9, 1027.	4.4	5
41	Toughening polypropylene by tiny amounts of fillers. Pigment and Resin Technology, 2017, 46, 309-317.	0.9	4
42	Effect of Degrees of Substitution on Physicochemical Properties of 2-Hydroxypropyl Trimethyl Ammonium Chloride Chitosan. Science of Advanced Materials, 2016, 8, 1433-1439.	0.7	4
43	Self-Assembly of Soluble Chitosan Derivatives Nanoparticles for Vaccine: Synthesis, Characterization and Evaluation. Polymers, 2021, 13, 4097.	4.5	4
44	Electrochemical properties of carbon aerogels derived from resorcinolâ€formaldehydeâ€aniline for supercapacitors. Pigment and Resin Technology, 2011, 40, 175-180.	0.9	3
45	Mechanical Properties of Fumed Silica / HDPE Composites. Applied Mechanics and Materials, 0, 633-634, 427-430.	0.2	3
46	The influence of urea on composition, microstructure and electrochemical properties of nitrogen-enriched carbon based on polyvinylpyrrolidone/melamine formaldehyde resin. Pigment and Resin Technology, 2015, 44, 257-265.	0.9	3
47	Polyurethane foam derived nitrogen-enriched porous carbon/reduced graphene oxide composite with sandwich-like nanoarchitectures for supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 9942-9953.	2.2	3
48	A waste utilization strategy for preparing high-performance supercapacitor electrodes with sea urchin-like structure. Ionics, 2020, 26, 3565-3577.	2.4	3
49	Preparation and performance of PANI/RFC/rGO composite electrode materials for supercapacitors. Ionics, 2020, 26, 4031-4038.	2.4	3
50	Reinforcing high-density polyethylene by polyacrylonitrile fibers. Pigment and Resin Technology, 2018, 47, 86-94.	0.9	3
51	Activated Nitrogen-Enriched Carbon/Reduced Expanded Graphite Composites for Supercapacitors. Advanced Materials Research, 2011, 211-212, 440-444.	0.3	2
52	Preparation and electrochemical performance of nitrogen-enriched carbon based on melamine formaldehyde resin/graphene oxide composites. Pigment and Resin Technology, 2015, 44, 205-213.	0.9	2
53	Preparation, Characterization and Hypoglycaemic Effects of Orally Delivered Insulin-Loaded PLGA Nanoparticles in Diabetic Rats. Science of Advanced Materials, 2015, 7, 1114-1124.	0.7	1
54	Preparation and Photoluminescence of Titanium Oxide Nanofilms by Laser-Induced Forward Transfer. Current Nanoscience, 2012, 8, 150-155.	1.2	1

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55	Research on Electrochemical Properties of Alpha-Ni(OH)₂ Prepared by Electrodeposition Method in the Ethanol and Water System. Advanced Materials Research, 2011, 311-313, 1421-1424.	0.3	0
56	Preparation and Properties of Carbon Nanotube / Polyaniline Nanocomposites. Advanced Materials Research, 0, 391-392, 13-17.	0.3	0
57	Preparation and Characterization of 2-Hydroxypropyltrimcthyl Ammonium Chloride Chitosan. Advanced Materials Research, 2011, 183-185, 2216-2220.	0.3	0
58	Hybrid Supercapacitors Based on Polyaniline and Carbon Aerogels Composite Electrode Materials. Advanced Materials Research, 0, 391-392, 18-22.	0.3	0
59	Optimization of the NDV-N-2-HACC/CMC Microspheres Preparation. Advanced Materials Research, 0, 804, 85-88.	0.3	0
60	Mechanical Properties of Fumed Silica/PP Composites. Applied Mechanics and Materials, 0, 665, 319-322.	0.2	0
61	Bead chain structure RFC/ACF by electrospinning for supercapacitors. Pigment and Resin Technology, 2019, 48, 439-448.	0.9	0