

Wei Wei

List of Publications by Citations

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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.

107
papers

5,940
citations

42
h-index

75
g-index

113
ext. papers

7,047
ext. citations

12
avg, IF

5.71
L-index

#	Paper	IF	Citations
107	Surface charge affects cellular uptake and intracellular trafficking of chitosan-based nanoparticles. <i>Biomacromolecules</i> , 2011 , 12, 2440-6	6.9	406
106	Preparation of hierarchical hollow CaCO ₃ particles and the application as anticancer drug carrier. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15808-10	16.4	391
105	The role of the lateral dimension of graphene oxide in the regulation of cellular responses. <i>Biomaterials</i> , 2012 , 33, 4013-21	15.6	296
104	miR-34a blocks osteoporosis and bone metastasis by inhibiting osteoclastogenesis and Tgif2. <i>Nature</i> , 2014 , 512, 431-5	50.4	276
103	A thermosensitive hydrogel based on quaternized chitosan and poly(ethylene glycol) for nasal drug delivery system. <i>Biomaterials</i> , 2007 , 28, 2220-32	15.6	276
102	Preparation and evaluation of alginate-chitosan microspheres for oral delivery of insulin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 77, 11-9	5.7	217
101	Multifunctional mesoporous material for detection, adsorption and removal of Hg ²⁺ in aqueous solution. <i>Journal of Materials Chemistry</i> , 2010 , 20, 4635		158
100	Engineering Magnetosomes for Ferroptosis/Immunomodulation Synergism in Cancer. <i>ACS Nano</i> , 2019 , 13, 5662-5673	16.7	137
99	Biomimetic Immuno-Magnetosomes for High-Performance Enrichment of Circulating Tumor Cells. <i>Advanced Materials</i> , 2016 , 28, 7929-7935	24	137
98	Exploiting the pliability and lateral mobility of Pickering emulsion for enhanced vaccination. <i>Nature Materials</i> , 2018 , 17, 187-194	27	130
97	PEGylated graphene oxide elicits strong immunological responses despite surface passivation. <i>Nature Communications</i> , 2017 , 8, 14537	17.4	120
96	Packaging and delivering enzymes by amorphous metal-organic frameworks. <i>Nature Communications</i> , 2019 , 10, 5165	17.4	119
95	Particle size affects the cellular response in macrophages. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 41, 650-7	5.1	117
94	Pore size of macroporous polystyrene microspheres affects lipase immobilization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 66, 182-189		116
93	Codelivery of mTERT siRNA and paclitaxel by chitosan-based nanoparticles promoted synergistic tumor suppression. <i>Biomaterials</i> , 2013 , 34, 3912-23	15.6	114
92	Monodisperse Chitosan Microspheres with Interesting Structures for Protein Drug Delivery. <i>Advanced Materials</i> , 2008 , 20, 2292-2296	24	107
91	Nanolongan with Multiple On-Demand Conversions for Ferroptosis-Apoptosis Combined Anticancer Therapy. <i>ACS Nano</i> , 2019 , 13, 260-273	16.7	98

90	Revealing the immune perturbation of black phosphorus nanomaterials to macrophages by understanding the protein corona. <i>Nature Communications</i> , 2018 , 9, 2480	17.4	97
89	Biomimetic Magnetosomes as Versatile Artificial Antigen-Presenting Cells to Potentiate T-Cell-Based Anticancer Therapy. <i>ACS Nano</i> , 2017 , 11, 10724-10732	16.7	95
88	Apo ferritin-CeO ₂ nano-truffle that has excellent artificial redox enzyme activity. <i>Chemical Communications</i> , 2012 , 48, 3155-7	5.8	92
87	Immunomodulation-Enhanced Nanozyme-Based Tumor Catalytic Therapy. <i>Advanced Materials</i> , 2020 , 32, e2003563	24	91
86	Programmed co-delivery of paclitaxel and doxorubicin boosted by camouflaging with erythrocyte membrane. <i>Nanoscale</i> , 2015 , 7, 4020-30	7.7	85
85	Iron Oxide Nanotubes for Magnetically Guided Delivery and pH-Activated Release of Insoluble Anticancer Drugs. <i>Advanced Functional Materials</i> , 2011 , 21, 3446-3453	15.6	85
84	Thermal-sensitive hydrogel as adjuvant-free vaccine delivery system for H5N1 intranasal immunization. <i>Biomaterials</i> , 2012 , 33, 2351-60	15.6	78
83	Porous quaternized chitosan nanoparticles containing paclitaxel nanocrystals improved therapeutic efficacy in non-small-cell lung cancer after oral administration. <i>Biomacromolecules</i> , 2011 , 12, 4230-9	6.9	76
82	Cancer Cell Membrane-Biomimetic Nanoprobes with Two-Photon Excitation and Near-Infrared Emission for Intravital Tumor Fluorescence Imaging. <i>ACS Nano</i> , 2018 , 12, 1350-1358	16.7	71
81	Thermosensitive polymer-conjugated albumin nanospheres as thermal targeting anti-cancer drug carrier. <i>European Journal of Pharmaceutical Sciences</i> , 2008 , 35, 271-82	5.1	70
80	A galactosamine-mediated drug delivery carrier for targeted liver cancer therapy. <i>Pharmacological Research</i> , 2011 , 64, 410-9	10.2	68
79	Targeted delivery of insoluble cargo (paclitaxel) by PEGylated chitosan nanoparticles grafted with Arg-Gly-Asp (RGD). <i>Molecular Pharmaceutics</i> , 2012 , 9, 1736-47	5.6	67
78	Uniform-sized PLA nanoparticles: preparation by premix membrane emulsification. <i>International Journal of Pharmaceutics</i> , 2008 , 359, 294-7	6.5	60
77	Transport of a graphene nanosheet sandwiched inside cell membranes. <i>Science Advances</i> , 2019 , 5, eaaw3192	14.3	59
76	Nanoparticles-based multi-adjuvant whole cell tumor vaccine for cancer immunotherapy. <i>Biomaterials</i> , 2013 , 34, 8291-300	15.6	58
75	Porogen effects in synthesis of uniform micrometer-sized poly(divinylbenzene) microspheres with high surface areas. <i>Journal of Colloid and Interface Science</i> , 2008 , 323, 52-9	9.3	58
74	Preparation of uniform-sized PELA microspheres with high encapsulation efficiency of antigen by premix membrane emulsification. <i>Journal of Colloid and Interface Science</i> , 2008 , 323, 267-73	9.3	57
73	Construction of a Biomimetic Magnetosome and Its Application as a SiRNA Carrier for High-Performance Anticancer Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1703326	15.6	52

72	Highly Efficient In Vivo Cancer Therapy by an Implantable Magnet Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2019 , 29, 1808640	15.6	49
71	Magnetic Nanoclusters Armed with Responsive PD-1 Antibody Synergistically Improved Adoptive T-Cell Therapy for Solid Tumors. <i>ACS Nano</i> , 2019 , 13, 1469-1478	16.7	49
70	Superior intratumoral penetration of paclitaxel nanodots strengthens tumor restriction and metastasis prevention. <i>Small</i> , 2015 , 11, 2518-26	11	48
69	Hollow quaternized chitosan microspheres increase the therapeutic effect of orally administered insulin. <i>Acta Biomaterialia</i> , 2010 , 6, 205-9	10.8	48
68	Galactosylated nanocrystallites of insoluble anticancer drug for liver-targeting therapy: an in vitro evaluation. <i>Nanomedicine</i> , 2010 , 5, 589-96	5.6	47
67	Preparation of uniform-sized pH-sensitive quaternized chitosan microsphere by combining membrane emulsification technique and thermal-gelation method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 63, 164-75	6	47
66	Biomaterialized Bacterial Outer Membrane Vesicles Potentiate Safe and Efficient Tumor Microenvironment Reprogramming for Anticancer Therapy. <i>Advanced Materials</i> , 2020 , 32, e2002085	24	45
65	Engineering Magnetosomes for High-Performance Cancer Vaccination. <i>ACS Central Science</i> , 2019 , 5, 796-808	11.8	42
64	Surface-engineered graphene navigate divergent biological outcomes toward macrophages. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5239-47	9.5	40
63	Preparation of Uniformly Sized Chitosan Nanospheres by a Premix Membrane Emulsification Technique. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 8819-8828	3.9	40
62	An effective way to hydrophilize gigaporous polystyrene microspheres as rapid chromatographic separation media for proteins. <i>Langmuir</i> , 2008 , 24, 13646-52	4	38
61	Exploration of graphene oxide as an intelligent platform for cancer vaccines. <i>Nanoscale</i> , 2015 , 7, 19949-57	5.7	37
60	Apoferitin-camouflaged Pt nanoparticles: surface effects on cellular uptake and cytotoxicity. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7105		37
59	Establishment of peripheral blood mononuclear cell-derived humanized lung cancer mouse models for studying efficacy of PD-L1/PD-1 targeted immunotherapy. <i>MAbs</i> , 2018 , 10, 1301-1311	6.6	37
58	Bioprocess of uniform-sized crosslinked chitosan microspheres in rats following oral administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 69, 878-86	5.7	36
57	Exploration of Antigen Induced CaCO Nanoparticles for Therapeutic Vaccine. <i>Small</i> , 2018 , 14, e1704272	11	35
56	Bioinspired peptosomes with programmed stimuli-responses for sequential drug release and high-performance anticancer therapy. <i>Nanoscale</i> , 2017 , 9, 9317-9324	7.7	33
55	Background-free latent fingerprint imaging based on nanocrystals with long-lived luminescence and pH-guided recognition. <i>Nano Research</i> , 2018 , 11, 6167-6176	10	33

54	Arsenene: A Potential Therapeutic Agent for Acute Promyelocytic Leukaemia Cells by Acting on Nuclear Proteins. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5151-5158	16.4	33
53	The orchestration of cellular and humoral responses is facilitated by divergent intracellular antigen trafficking in nanoparticle-based therapeutic vaccine. <i>Pharmacological Research</i> , 2012 , 65, 189-97	10.2	31
52	Biomimetically Engineered Demi-Bacteria Potentiate Vaccination against Cancer. <i>Advanced Science</i> , 2017 , 4, 1700083	13.6	30
51	Molecular structure matters: PEG-b-PLA nanoparticles with hydrophilicity and deformability demonstrate their advantages for high-performance delivery of anti-cancer drugs. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3239-3247	7.3	29
50	Effect of acrylic acid weight percentage on the pore size in poly(N-Isopropyl acrylamide-co-acrylic acid) microspheres. <i>Reactive and Functional Polymers</i> , 2011 , 71, 728-735	4.6	28
49	mPEG-PLA microspheres with narrow size distribution increase the controlled release effect of recombinant human growth hormone. <i>Journal of Materials Chemistry</i> , 2011 , 21, 12691		28
48	Antimonene with two-orders-of-magnitude improved stability for high-performance cancer theranostics. <i>Chemical Science</i> , 2019 , 10, 4847-4853	9.4	26
47	Self-healing microcapsules synergetically modulate immunization microenvironments for potent cancer vaccination. <i>Science Advances</i> , 2020 , 6, eaay7735	14.3	23
46	Cell Membrane Camouflaged Hydrophobic Drug Nanoflake Sandwiched with Photosensitizer for Orchestration of Chemo-Photothermal Combination Therapy. <i>Small</i> , 2019 , 15, e1805544	11	22
45	Chemical modification and characterization of gigaporous polystyrene microspheres as rapid separation of proteins base supports. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 5794-5804	2.5	22
44	Bio-inspired protein-gold nanoconstruct with core-void-shell structure: beyond a chemo drug carrier. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3136-3143	7.3	20
43	Near-infrared light-triggered platelet arsenal for combined photothermal-immunotherapy against cancer. <i>Science Advances</i> , 2021 , 7,	14.3	20
42	Biosynthesis of Self-Assembled Proteinaceous Nanoparticles for Vaccination. <i>Advanced Materials</i> , 2020 , 32, e2002940	24	18
41	The molecular mechanism of robust macrophage immune responses induced by PEGylated molybdenum disulfide. <i>Nanoscale</i> , 2019 , 11, 22293-22304	7.7	18
40	MOFs-based nanoagent enables dual mitochondrial damage in synergistic antitumor therapy via oxidative stress and calcium overload. <i>Nature Communications</i> , 2021 , 12, 6399	17.4	17
39	Therapeutic vaccination against leukaemia via the sustained release of co-encapsulated anti-PD-1 and a leukaemia-associated antigen. <i>Nature Biomedical Engineering</i> , 2021 , 5, 414-428	19	17
38	Amplifying Nanoparticle Targeting Performance to Tumor via Diels-Alder Cycloaddition. <i>Advanced Functional Materials</i> , 2018 , 28, 1707596	15.6	17
37	Breaching the Hyaluronan Barrier with PH20-Fc Facilitates Intratumoral Permeation and Enhances Antitumor Efficiency: A Comparative Investigation of Typical Therapeutic Agents in Different Nanoscales. <i>Advanced Healthcare Materials</i> , 2016 , 5, 2872-2881	10.1	16

36	Functional gigaporous polystyrene microspheres facilitating separation of poly(ethylene glycol)-protein conjugate. <i>Analytica Chimica Acta</i> , 2012 , 712, 152-61	6.6	14
35	Facile method for CLSM imaging unfunctionalized Au nanoparticles through fluorescent channels. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 1219-1225	2.3	14
34	Tumor Exosomes Reprogrammed by Low pH Are Efficient Targeting Vehicles for Smart Drug Delivery and Personalized Therapy against their Homologous Tumor. <i>Advanced Science</i> , 2021 , 8, 2002787	13.6	13
33	Experimental and theoretical explorations of nanocarriers multistep delivery performance for rational design and anticancer prediction. <i>Science Advances</i> , 2021 , 7,	14.3	13
32	Preparation of Uniform Microspheres and Microcapsules by Modified Emulsification Process. <i>Macromolecular Symposia</i> , 2010 , 288, 41-48	0.8	12
31	Single-Chromophore-Based Therapeutic Agent Enables Green-Light-Triggered Chemotherapy and Simultaneous Photodynamic Therapy to Cancer Cells. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3068-3076	4.1	11
30	Engineering magnetosomes with chimeric membrane and hyaluronidase for efficient delivery of HIF-1 siRNA into deep hypoxic tumors. <i>Chemical Engineering Journal</i> , 2020 , 398, 125453	14.7	11
29	Direct low-temperature synthesis of ultralong persistent luminescence nanobelts based on a biphasic solution-chemical reaction. <i>Chinese Chemical Letters</i> , 2018 , 29, 1641-1644	8.1	11
28	Macrophage-tumor chimeric exosomes accumulate in lymph node and tumor to activate the immune response and the tumor microenvironment. <i>Science Translational Medicine</i> , 2021 , 13, eabb6981	17.5	11
27	Choice of Nanovaccine Delivery Mode Has Profound Impacts on the Intralymph Node Spatiotemporal Distribution and Immunotherapy Efficacy. <i>Advanced Science</i> , 2020 , 7, 2001108	13.6	11
26	Identification of SARS-CoV-2-against aptamer with high neutralization activity by blocking the RBD domain of spike protein 1. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 227	21	11
25	Effect of solubilization of surfactant aggregates on pore structure in gigaporous polymeric particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 384, 549-554	5.1	10
24	Investigation on the Uniformity and Stability of Sunflower Oil/Water Emulsions Prepared by a Shirasu Porous Glass Membrane. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 6412-6417	3.9	10
23	Lymph Node-Targeting Nanovaccine through Antigen-CpG Self-Assembly Potentiates Cytotoxic T Cell Activation. <i>Journal of Immunology Research</i> , 2018 , 2018, 3714960	4.5	10
22	Reduction of choroidal neovascularization via cleavable VEGF antibodies conjugated to exosomes derived from regulatory T cells. <i>Nature Biomedical Engineering</i> , 2021 , 5, 968-982	19	8
21	Two-step tumor-targeting therapy via integrating metabolic lipid-engineering with in situ click chemistry. <i>Biomaterials Science</i> , 2020 , 8, 2283-2288	7.4	7
20	Recent Advances in Particulate Adjuvants for Cancer Vaccination. <i>Advanced Therapeutics</i> , 2020 , 3, 1900145	14.5	7
19	Simulation of nanoparticles interacting with a cell membrane: probing the structural basis and potential biomedical application. <i>NPG Asia Materials</i> , 2021 , 13,	10.3	7

18	Mechanical determination of particle-cell interactions and the associated biomedical applications. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7129-7143	7.3	6
17	Enhancing therapeutic performance of personalized cancer vaccine via delivery vectors. <i>Advanced Drug Delivery Reviews</i> , 2021 , 177, 113927	18.5	6
16	Oral delivery of protein and anticancer drugs by uniform-sized chitosan micro/nanoparticles with autofluorescent property. <i>Journal of Controlled Release</i> , 2015 , 213, e111	11.7	5
15	In vivo immunological response of exposure to PEGylated graphene oxide via intraperitoneal injection. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6845-6856	7.3	5
14	In situ growth of nano-antioxidants on cellular vesicles for efficient reactive oxygen species elimination in acute inflammatory diseases. <i>Nano Today</i> , 2021 , 40, 101282	17.9	5
13	Ferritin-based targeted delivery of arsenic to diverse leukaemia types confers strong anti-leukaemia therapeutic effects. <i>Nature Nanotechnology</i> , 2021 ,	28.7	4
12	Design and preparation of chimeric hyaluronidase as a chaperone for the subcutaneous administration of biopharmaceuticals. <i>Biochemical Engineering Journal</i> , 2016 , 112, 32-41	4.2	4
11	Exploration and functionalization of M1-macrophage extracellular vesicles for effective accumulation in glioblastoma and strong synergistic therapeutic effects.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 74	21	4
10	Higher Order Protein Catenation Leads to an Artificial Antibody with Enhanced Affinity and In Vivo Stability. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18029-18040	16.4	3
9	A High-Resolution Ternary Model Demonstrates How PEGylated 2D Nanomaterial Stimulates Integrin α 5 β 1 Cell Membrane. <i>Advanced Science</i> , 2021 , 8, e2004506	13.6	3
8	Transformable vesicles for cancer immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2021 , 179, 113905	18.5	3
7	Shielding Ferritin with a Biomineralized Shell Enables Efficient Modulation of Tumor Microenvironment and Targeted Delivery of Diverse Therapeutic Agents.. <i>Advanced Materials</i> , 2021 , e2107150	24	3
6	Exosomes: The Indispensable Messenger in Tumor Pathogenesis and the Rising Star in Antitumor Applications. <i>Advanced Biology</i> , 2019 , 3, e1900008	3.5	2
5	In Situ Generation of Gold Nanoparticles on Bacteria-Derived Magnetosomes for Imaging-Guided Starving/Chemodynamic/Photothermal Synergistic Therapy against Cancer. <i>Advanced Functional Materials</i> , 2110063	15.6	2
4	Shape Designed Implanted Drug Delivery System for Hepatocellular Carcinoma Therapy.. <i>ACS Nano</i> , 2022 ,	16.7	2
3	Towards A Deeper Understanding of the Interfacial Adsorption of Enzyme Molecules in Gigaporous Polymeric Microspheres. <i>Polymers</i> , 2016 , 8,	4.5	1
2	Principles of regulating particle multiscale structures for controlling particle-cell interaction process. <i>Chemical Engineering Science</i> , 2021 , 232, 116343	4.4	0
1	Arsenene: A Potential Therapeutic Agent for Acute Promyelocytic Leukaemia Cells by Acting on Nuclear Proteins. <i>Angewandte Chemie</i> , 2020 , 132, 5189-5196	3.6	

