

Weijun Tong

List of Publications by Year in descending order

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67
papers

2,927
citations

172386

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168321

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all docs

67
docs citations

67
times ranked

3708
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species-scavenging hollow MnO ₂ nanozymes as carriers to deliver budesonide for synergistic inflammatory bowel disease therapy. <i>Biomaterials Science</i> , 2022, 10, 457-466.	2.6	19
2	Synergistic Effects of Acoustics-based Therapy and Immunotherapy in Cancer Treatment. <i>BIO Integration</i> , 2021, 2, .	0.9	9
3	Boosted peroxidase-like activity of metal-organic framework nanoparticles with single atom Fe(â€¦) sites at low substrate concentration. <i>Analytica Chimica Acta</i> , 2021, 1152, 338299.	2.6	13
4	Erythrocyte Membrane-Camouflaged PCN-224 Nanocarriers Integrated with Platinum Nanoparticles and Glucose Oxidase for Enhanced Tumor Sonodynamic Therapy and Synergistic Starvation Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24532-24542.	4.0	64
5	Broad-Spectrum Reactive Oxygen Species Scavenging and Activated Macrophage-Targeting Microparticles Ameliorate Inflammatory Bowel Disease. <i>Biomacromolecules</i> , 2021, 22, 3107-3118.	2.6	17
6	MOF-enzyme hybrid nanosystem decorated 3D hollow fiber membranes for in-situ blood separation and biosensing array. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113413.	5.3	24
7	Hypoxia-alleviated nanoplatform to enhance chemosensitivity and sonodynamic effect in pancreatic cancer. <i>Cancer Letters</i> , 2021, 520, 100-108.	3.2	19
8	Construction of flexible enzymatic electrode based on gradient hollow fiber membrane and multi-wall carbon tubes meshes. <i>Biosensors and Bioelectronics</i> , 2020, 152, 112001.	5.3	35
9	Construction and characterization of magnetic cascade metal-organic framework/enzyme hybrid nanoreactors with enhanced effect on killing cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 124990.	2.3	11
10	Encapsulation of Methylene Blue in Zeolitic Imidazolate Framework-90 Nanoparticles to Protect Its Photodynamic Activity. <i>Langmuir</i> , 2020, 36, 6811-6818.	1.6	5
11	Finely tuned Prussian blue-based nanoparticles and their application in disease treatment. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7121-7134.	2.9	22
12	Construction of Self-activated Cascade Metalâ”™Organic Framework/Enzyme Hybrid Nanoreactors as Antibacterial Agents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 191, 111001.	2.5	42
13	Kidney-targeted rhein-loaded liponanoparticles for diabetic nephropathy therapy via size control and enhancement of renal cellular uptake. <i>Theranostics</i> , 2019, 9, 6191-6208.	4.6	62
14	Construction of Microreactors for Cascade Reaction and Their Potential Applications as Antibacterial Agents. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6789-6795.	4.0	28
15	Enhanced peroxidase-like activity of Fe@PCN-224 nanoparticles and their applications for detection of H ₂ O ₂ and glucose. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 456-463.	2.3	71
16	Supramolecular peptide constructed by molecular Lego allowing programmable self-assembly for photodynamic therapy. <i>Nature Communications</i> , 2019, 10, 2412.	5.8	147
17	One-pot synthesis of poly(ethylene glycol) modified zeolitic imidazolate framework-8 nanoparticles: Size control, surface modification and drug encapsulation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 224-230.	2.3	52
18	Preparation of photo-responsive poly(ethylene glycol) microparticles and their influence on cell viability. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 182-189.	5.0	7

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19	Non-covalent assembly of poly(allylamine hydrochloride)/triethylamine microcapsules with ionic strength-responsiveness and auto-fluorescence. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 228-234.	5.0	9
20	Fabrication of polyurethane microcapsules with different shapes and their influence on cellular internalization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 675-681.	2.5	13
21	Phototriggered N ₂ -Generating Submicron Particles for Selective Killing of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44369-44376.	4.0	4
22	Photo-decomposable Sub-micrometer Albumin Particles Cross-linked by <i>ortho</i> -nitrobenzyl Derivatives. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700413.	1.1	6
23	Cellular uptake of poly(allylamine hydrochloride) microcapsules with different deformability and its influence on cell functions. <i>Journal of Colloid and Interface Science</i> , 2016, 465, 149-157.	5.0	17
24	Nile Red Loaded PLGA Nanoparticles Surface Modified with Gd-DTPA for Potential Dual-Modal Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5569-5576.	0.9	12
25	Multilayer Microcapsules with Tailored Structures and Properties as Delivery Carriers for Drugs and Growth Factors. , 2016, , 75-99.		2
26	Enhanced Cellular Uptake of Bowl-like Microcapsules. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11210-11214.	4.0	49
27	Dual-responsive colloidal microcapsules based on host-guest interaction on solid templates. <i>Journal of Colloid and Interface Science</i> , 2016, 475, 196-202.	5.0	10
28	Polyamine/salt-assembled microspheres coated with hyaluronic acid for targeting and pH sensing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 223-229.	2.5	11
29	Photo-responsive polyethyleneimine microcapsules cross-linked by <i>ortho</i> -nitrobenzyl derivatives. <i>Journal of Colloid and Interface Science</i> , 2016, 463, 22-28.	5.0	18
30	Preparation of elastic polyurethane microcapsules using CaCO ₃ microparticles as templates for hydrophobic substances loading. <i>RSC Advances</i> , 2015, 5, 5775-5780.	1.7	14
31	Fabrication of triple-labeled polyelectrolyte microcapsules for localized ratiometric pH sensing. <i>Journal of Colloid and Interface Science</i> , 2014, 416, 252-257.	5.0	28
32	Nanoparticle/Polymer Assembled Microcapsules with pH Sensing Property. <i>Macromolecular Bioscience</i> , 2014, 14, 1495-1504.	2.1	11
33	Fabrication of biconcave discoidal silica capsules and their uptake behavior by smooth muscle cells. <i>Journal of Colloid and Interface Science</i> , 2014, 426, 124-130.	5.0	7
34	Fabrication of Red Blood Cell-Like Polyelectrolyte Microcapsules and Their Deformation and Recovery Behavior Through a Microcapillary. <i>Advanced Materials</i> , 2013, 25, 5814-5818.	11.1	79
35	Bovine serum albumin nanoparticles modified with multilayers and aptamers for pH-responsive and targeted anti-cancer drug delivery. <i>Journal of Materials Chemistry</i> , 2012, 22, 6053.	6.7	88
36	Shape Deformation and Recovery of Multilayer Microcapsules after Being Squeezed through a Microchannel. <i>Langmuir</i> , 2012, 28, 5010-5016.	1.6	46

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37	Multilayers and poly(allylamine hydrochloride)-graft-poly(ethylene glycol) modified bovine serum albumin nanoparticles: Improved stability and pH-responsive drug delivery. Chinese Journal of Polymer Science (English Edition), 2012, 30, 719-726.	2.0	23
38	Preparation and structure evolution of bowknot-like calcium carbonate particles in the presence of poly(sodium 4-styrene sulfonate). Journal of Colloid and Interface Science, 2012, 385, 274-281.	5.0	11
39	Encapsulation of Photosensitizer into Multilayer Microcapsules by Combination of Spontaneous Deposition and Heat-Induced Shrinkage for Photodynamic Therapy. Macromolecular Bioscience, 2012, 12, 1436-1442.	2.1	16
40	Phenomenon and Mechanism of Capsule Shrinking in Alkaline Solution Containing Calcium Ions. Journal of Physical Chemistry B, 2012, 116, 13561-13567.	1.2	10
41	Layer-by-layer assembly of microcapsules and their biomedical applications. Chemical Society Reviews, 2012, 41, 6103.	18.7	393
42	Fabrication of Chitosan Single-Component Microcapsules With a Micrometer-Thick and Layered Wall Structure by Stepwise Core-Mediated Precipitation. Macromolecular Rapid Communications, 2012, 33, 326-331.	2.0	10
43	One-step controlled precipitation to fabricate glucose-responsive microcapsules. Colloid and Polymer Science, 2012, 290, 233-240.	1.0	5
44	High efficient loading and controlled release of low-molecular-weight drugs by combination of spontaneous deposition and heat-induced shrinkage of multilayer capsules. Soft Matter, 2011, 7, 8258.	1.2	42
45	Molecular-engineered polymeric microcapsules assembled from Concanavalin A and glycogen with specific responses to carbohydrates. Soft Matter, 2011, 7, 5805.	1.2	51
46	Influence of folate conjugation on the cellular uptake degree of poly(allylamine hydrochloride) microcapsules. Journal of Applied Polymer Science, 2011, 121, 3710-3716.	1.3	6
47	Micelles-Encapsulated Microcapsules for Sequential Loading of Hydrophobic and Water-Soluble Drugs. Macromolecular Rapid Communications, 2010, 31, 1015-1019.	2.0	43
48	Fabrication of cellular polycaprolactone films for cell culture. Colloids and Surfaces B: Biointerfaces, 2010, 76, 38-43.	2.5	9
49	pH-responsive protein microcapsules fabricated via glutaraldehyde mediated covalent layer-by-layer assembly. Colloid and Polymer Science, 2008, 286, 1103-1109.	1.0	62
50	Poly(ethyleneimine) microcapsules: glutaraldehyde-mediated assembly and the influence of molecular weight on their properties. Polymers for Advanced Technologies, 2008, 19, 817-823.	1.6	50
51	In Situ Coacervated Microcapsules with Filled Polyelectrolytes and Charge-Controlled Permeation for Dye Molecules. Macromolecular Chemistry and Physics, 2008, 209, 957-966.	1.1	5
52	Influence of assembling pH on the stability of poly(L-glutamic acid) and poly(L-lysine) multilayers against urea treatment. Colloids and Surfaces B: Biointerfaces, 2008, 62, 250-257.	2.5	26
53	Fabrication of bovine serum albumin microcapsules by desolvation and destroyable cross-linking. Journal of Materials Chemistry, 2008, 18, 1153.	6.7	42
54	Multilayer microcapsules with tailored structures for bio-related applications. Journal of Materials Chemistry, 2008, 18, 3799.	6.7	158

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55	Assembly of Polymeric Micelles into Hollow Microcapsules with Extraordinary Stability against Extreme pH Conditions. <i>Langmuir</i> , 2008, 24, 7810-7816.	1.6	29
56	A facile pathway to fabricate microcapsules by in situ polyelectrolyte coacervation on poly(styrene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	33
57	Stepwise interfacial self-assembly of nanoparticles via specific DNA pairing. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6313.	1.3	51
58	Selective removal of particle cores to fabricate manganese carbonate hollow spheres and composite microcapsules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 295, 233-238.	2.3	28
59	Stable Weak Polyelectrolyte Microcapsules with pH-Responsive Permeability. <i>Macromolecules</i> , 2006, 39, 335-340.	2.2	120
60	Equilibrium Distribution of Permeants in Polyelectrolyte Microcapsules Filled with Negatively Charged Polyelectrolyte: The Influence of Ionic Strength and Solvent Polarity. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12905-12909.	1.2	48
61	Chitosan-Mediated Synthesis of Gold Nanoparticles on Patterned Poly(dimethylsiloxane) Surfaces. <i>Biomacromolecules</i> , 2006, 7, 1203-1209.	2.6	122
62	Polyelectrolyte microcapsules templated on poly(styrene sulfonate)-doped CaCO ₃ particles for loading and sustained release of daunorubicin and doxorubicin. <i>European Polymer Journal</i> , 2006, 42, 3341-3351.	2.6	71
63	Single Polyelectrolyte Microcapsules Fabricated By Glutaraldehyde-Mediated Covalent Layer-By-Layer Assembly. <i>Macromolecular Rapid Communications</i> , 2006, 27, 2078-2083.	2.0	86
64	Multilayer Capsules with Cell-like Topology: Fabrication and Spontaneous Loading of Various Substances in Aqueous and Ethanol Solutions. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1784-1790.	1.1	12
65	Stable microcapsules assembled stepwise from weak polyelectrolytes followed by thermal crosslinking. <i>Polymers for Advanced Technologies</i> , 2005, 16, 827-833.	1.6	42
66	Manipulating the Properties of Polyelectrolyte Microcapsules by Glutaraldehyde Cross-Linking. <i>Chemistry of Materials</i> , 2005, 17, 4610-4616.	3.2	129
67	Charge-Controlled Permeability of Polyelectrolyte Microcapsules. <i>Journal of Physical Chemistry B</i> , 2005, 109, 13159-13165.	1.2	123