Rong Tong

List of Publications by Year
in descending order

69 papers	4,939 citations	93792 39 h-index	111975 67 g-index
77 all docs	77 docs citations	77 times ranked	8807 citing authors

#	Article	IF	Citations
1	Controlled Ring-Opening Polymerization of O-Carboxyanhydrides to Synthesize Functionalized Poly(Î±-Hydroxy Acids). Organic Materials, 2021, 03, 041-050.	1.0	5
2	Nano-optoelectrodes Integrated with Flexible Multifunctional Fiber Probes by High-Throughput Scalable Fabrication. ACS Applied Materials & Interfaces, 2021, 13, 9156-9165.	4.0	13
3	Aliphatic Polyesterâ€Based Materials for Enhanced Cancer Immunotherapy. Macromolecular Bioscience, 2021, 21, e2100087.	2.1	7
4	Implantable optical fibers for immunotherapeutics delivery and tumor impedance measurement. Nature Communications, 2021, 12, 5138.	5.8	28
5	Resilient Poly(Î±-hydroxy acids) with Improved Strength and Ductility via Scalable Stereosequence-Controlled Polymerization. Journal of the American Chemical Society, 2021, 143, 16813-16823.	6.6	21
6	Photocatalyst-independent photoredox ring-opening polymerization of <i>O</i>-carboxyanhydrides: stereocontrol and mechanism. Chemical Science, 2021, 12, 3702-3712.	3.7	5
7	External stimuli-responsive nanomedicine for cancer immunotherapy. , 2021, , .		0
8	Functionalized Polyesters via Stereoselective Electrochemical Ring-Opening Polymerization of <i>O</i>-Carboxyanhydrides. ACS Macro Letters, 2020, 9, 1114-1118.	2.3	19
9	Reprogramming the microenvironment with tumor-selective angiotensin blockers enhances cancer immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10674-10680.	3.3	150
10	Stereoselective photoredox ring-opening polymerization of O-carboxyanhydrides. Nature Communications, 2018, 9, 1559.	5.8	51
11	BaTiO3-core Au-shell nanoparticles for photothermal therapy and bimodal imaging. Acta Biomaterialia, 2018, 72, 287-294.	4.1	22
12	Living Ring-Opening Polymerization of O-Carboxyanhydrides: The Search for Catalysts. Frontiers in Chemistry, 2018, 6, 641.	1.8	18
13	Controlled Photoredox Ring-Opening Polymerization of <i>O</i>-Carboxyanhydrides. Journal of the American Chemical Society, 2017, 139, 6177-6182.	6.6	50
14	Emerging strategies in near-infrared light triggered drug delivery using organic nanomaterials. Biomaterials Science, 2017, 5, 1491-1499.	2.6	23
15	New Chemistry in Functional Aliphatic Polyesters. Industrial & Engineering Chemistry Research, 2017, 56, 4207-4219.	1.8	80
16	Recent Advances in Ring-Opening Polymerization of O-Carboxyanhydrides. Synlett, 2017, 28, 1857-1866.	1.0	13
17	Controlled Photoredox Ring-Opening Polymerization of O-Carboxyanhydrides Mediated by Ni/Zn Complexes. Journal of Visualized Experiments, 2017, , .	0.2	1
18	Porous polymer optical fiber fabrication and potential biomedical application. Optical Materials Express, 2017, 7, 1813.	1.6	6

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19	Extended Release of Native Drug Conjugated in Polyketal Microparticles. Journal of the American Chemical Society, 2016, 138, 6127-6130.	6.6	41
20	Controlled Ringâ€Opening Polymerization of <i>O</i>â€Carboxyanhydrides Using a Î²â€Diiminate Zinc Catalyst. Angewandte Chemie - International Edition, 2016, 55, 13010-13014.	7.2	56
21	Anticancer nanoparticulate polymerâ€drug conjugate. Bioengineering and Translational Medicine, 2016, 1, 277-296.	3.9	71
22	Controlled Ringâ€Opening Polymerization of O â€Carboxyanhydrides Using a Î²â€Diiminate Zinc Catalyst. Angewandte Chemie, 2016, 128, 13204-13208.	1.6	11
23	Pamidronate functionalized nanoconjugates for targeted therapy of focal skeletal malignant osteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4601-9.	3.3	71
24	Treatment of otitis media by transtympanic delivery of antibiotics. Science Translational Medicine, 2016, 8, 356ra120.	5.8	61
25	New Strategies in Cancer Nanomedicine. Annual Review of Pharmacology and Toxicology, 2016, 56, 41-57.	4.2	95
26	Self-assembled gemcitabineâ€"gadolinium nanoparticles for magnetic resonance imaging and cancer therapy. Acta Biomaterialia, 2016, 33, 34-39.	4.1	48
27	Nanomedicines Targeting the Tumor Microenvironment. Cancer Journal (Sudbury, Mass), 2015, 21, 314-321.	1.0	64
28	Targeting Tumor Vasculature with Aptamer-Functionalized Doxorubicinâ€"Polylactide Nanoconjugates for Enhanced Cancer Therapy. ACS Nano, 2015, 9, 5072-5081.	7.3	70
29	Anticancer camptothecin-N-poly(lactic acid) nanoconjugates with facile hydrolysable linker. Polymer Chemistry, 2014, 5, 1581-1585.	1.9	19
30	Aptamer photoregulation in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17099-17103.	3.3	56
31	A two-component pre-seeded dermalâ€"epidermal scaffold. Acta Biomaterialia, 2014, 10, 4928-4938.	4.1	18
32	Smart chemistry in polymeric nanomedicine. Chemical Society Reviews, 2014, 43, 6982-7012.	18.7	171
33	Biodegradable Mesostructured Polymer Membranes. Nano Letters, 2013, 13, 4410-4415.	4.5	6
34	Drug-Initiated Ring-Opening Polymerization of <i>O</i>-Carboxyanhydrides for the Preparation of Anticancer Drugâ€"Poly(<i>O</i>-carboxyanhydride) Nanoconjugates. Biomacromolecules, 2013, 14, 920-929.	2.6	70
35	Redox-Responsive, Core Cross-Linked Polyester Micelles. ACS Macro Letters, 2013, 2, 40-44.	2.3	116
36	Microdevices for Nanomedicine. Molecular Pharmaceutics, 2013, 10, 2127-2144.	2.3	22

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37	Synthesis and proton NMR spectroscopy of intra-vesicular gamma-aminobutyric acid (GABA). , 2013, 2013, 1093-5.		2
38	Photoswitchable nanoparticles for in vivo cancer chemotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19048-19053.	3.3	205
39	Topical Drug Formulations for Prolonged Corneal Anesthesia. Cornea, 2013, 32, 1040-1045.	0.9	23
40	Synthesis of Water-Soluble Poly(Î±-hydroxy acids) from Living Ring-Opening Polymerization of <i>O</i>-Benzyl-<scp>l</scp>-serine Carboxyanhydrides. ACS Macro Letters, 2012, 1, 441-444.	2.3	57
41	Facile Functionalization of Polyesters through Thiol-yne Chemistry for the Design of Degradable, Cell-Penetrating and Gene Delivery Dual-Functional Agents. Biomacromolecules, 2012, 13, 3456-3462.	2.6	68
42	Drug-Initiated, Controlled Ring-Opening Polymerization for the Synthesis of Polymerâ€"Drug Conjugates. Macromolecules, 2012, 45, 2225-2232.	2.2	55
43	Shedding light on nanomedicine. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2012, 4, 638-662.	3.3	69
44	Polymeric nanomedicines based on poly(lactide) and poly(lactide-co-glycolide). Current Opinion in Solid State and Materials Science, 2012, 16, 323-332.	5.6	45
45	Photoswitchable Nanoparticles for Triggered Tissue Penetration and Drug Delivery. Journal of the American Chemical Society, 2012, 134, 8848-8855.	6.6	413
46	Immunosuppressive Activity of Size-Controlled PEG-PLGA Nanoparticles Containing Encapsulated Cyclosporine A. Journal of Transplantation, 2012, 2012, 1-9.	0.3	41
47	Zinc complex mediated regioselective O-acylation of therapeutic agents. Chemical Science, 2012, 3, 2234.	3.7	5
48	Development and Application of Anticancer Nanomedicine. Nanostructure Science and Technology, 2012, , 31-46.	0.1	4
49	Translocation of HIV TAT peptide and analogues induced by multiplexed membrane and cytoskeletal interactions. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16883-16888.	3.3	287
50	Drug-polyester conjugated nanoparticles for cancer drug delivery. , 2011, 2011, 8337-9.		0
51	The formulation of aptamer-coated paclitaxelâ€"polylactide nanoconjugates and their targeting to cancer cells. Biomaterials, 2010, 31, 3043-3053.	5.7	120
52	Polylactide nanoparticles containing stably incorporated cyanine dyes for in vitro and in vivo imaging applications. Microscopy Research and Technique, 2010, 73, 901-909.	1.2	42
53	Lymphatic Biodistribution of Polylactide Nanoparticles. Molecular Imaging, 2010, 9, 7290.2010.00012.	0.7	22
54	Spatiotemporal controlled delivery of nanoparticles to injured vasculature. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2213-2218.	3.3	231

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55	Near IR Heptamethine Cyanine Dyeâ€"Mediated Cancer Imaging. Clinical Cancer Research, 2010, 16, 2833-2844.	3.2	248
56	Polylactideâ€cyclosporin A nanoparticles for targeted immunosuppression. FASEB Journal, 2010, 24, 3927-3938.	0.2	78
57	Controlled Synthesis of Camptothecinâ˜Polylactide Conjugates and Nanoconjugates. Bioconjugate Chemistry, 2010, 21, 111-121.	1.8	62
58	Lymphatic biodistribution of polylactide nanoparticles. Molecular Imaging, 2010, 9, 153-62.	0.7	9
59	Controlled formulation of doxorubicin-polylactide nanoconjugates for cancer drug delivery. , 2009, 2009, 2400-2.		1
60	Nanopolymeric Therapeutics. MRS Bulletin, 2009, 34, 422-431.	1.7	51
61	Reversible Cellâ€Specific Drug Delivery with Aptamerâ€Functionalized Liposomes. Angewandte Chemie - International Edition, 2009, 48, 6494-6498.	7.2	343
62	Inorganic Mercury Detection and Controlled Release of Chelating Agents from Ion-Responsive Liposomes. Chemistry and Biology, 2009, 16, 937-942.	6.2	46
63	Ring-Opening Polymerization-Mediated Controlled Formulation of Polylactideâ˜Drug Nanoparticles. Journal of the American Chemical Society, 2009, 131, 4744-4754.	6.6	131
64	Paclitaxelâ€Initiated, Controlled Polymerization of Lactide for the Formulation of Polymeric Nanoparticulate Delivery Vehicles. Angewandte Chemie - International Edition, 2008, 47, 4830-4834.	7.2	175
65	The use of charge-coupled polymeric microparticles and micromagnets for modulating the bioavailability of orally delivered macromolecules. Biomaterials, 2008, 29, 1216-1223.	5.7	63
66	Anticancer Polymeric Nanomedicines. Polymer Reviews, 2007, 47, 345-381.	5.3	270
67	A two-dimensional infrared correlation spectroscopic study on the thermal degradation of poly(2-hydroxyethyl acrylate)-co-methyl methacrylate/SiO2 nanohybrids. Polymer Degradation and Stability, 2006, 91, 1522-1529.	2.7	15
68	Preparation and morphology of SiO2/PMMA nanohybrids by microemulsion polymerization. Colloid and Polymer Science, 2006, 284, 755-762.	1.0	94
69	On the copolymerization of acrylates in the modified microemulsion process. Colloid and Polymer Science, 2004, 282, 1409-1414.	1.0	13