Jun-Jie Yan

List of Publications by Year
in descending order

64	2,363	236612	214527
papers	citations	25 h-index	47 g-index

65	65	65	3495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uncovering divergent fluorescence of aliphatic polyamides: Synthesis, dual polymerization-induced emissions, and organelle-specific imaging. Chemical Engineering Journal, 2022, 428, 132142.	6.6	23
2	Optimizing the performance of ⁶⁸Ga labeled FSHR ligand in prostate cancer model by co-administration of aprotinin. International Journal of Radiation Biology, 2022, 98, 1571-1580.	1.0	0
3	Engineering polyphenol-based polymeric nanoparticles for drug delivery and bioimaging. Chemical Engineering Journal, 2022, 439, 135661.	6.6	48
4	Feasibility study of 68Ga-labeled CARÂT cells for in vivo tracking using micro-positron emission tomography imaging. Acta Pharmacologica Sinica, 2021, 42, 824-831.	2.8	18
5	PET evaluation of light-induced modulation of microglial activation and GLP-1R expression in depressive rats. Translational Psychiatry, 2021, 11, 26.	2.4	8
6	68Ga-NOTA PET imaging for gastric emptying assessment in mice. BMC Gastroenterology, 2021, 21, 69.	0.8	0
7	ROSâ€Responsive Boronateâ€Stabilized Polyphenolâ€“Poloxamer 188 Assembled Dexamethasone Nanodrug for Macrophage Repolarization in Osteoarthritis Treatment. Advanced Healthcare Materials, 2021, 10, e2100883.	3.9	40
8	Pharmacokinetic and pharmacodynamic studies of CD19 CAR T cell in human leukaemic xenograft models with dualâ€modality imaging. Journal of Cellular and Molecular Medicine, 2021, 25, 7451-7461.	1.6	5
9	Injectable liquid metal nanoflake hydrogel as a local therapeutic for enhanced postsurgical suppression of tumor recurrence. Chemical Engineering Journal, 2021, 416, 129092.	6.6	28
10	Quantitative radio-thin-layer chromatography and positron emission tomography studies for measuring streptavidin transduced chimeric antigen receptor T cells. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1182, 122944.	1.2	4
11	Cationic poly(amide-imide)-conjugated camptothecin prodrug with variable nanomorphology for efficient reductive-responsive drug delivery. European Polymer Journal, 2020, 123, 109462.	2.6	6
12	In Vivo Tracking of Fluorinated Polypeptide Gene Carriers by Positron Emission Tomography Imaging. ACS Applied Materials & Interfaces, 2020, 12, 45763-45771.	4.0	21
13	Oral delivery of anti-TNF antibody shielded by natural polyphenol-mediated supramolecular assembly for inflammatory bowel disease therapy. Theranostics, 2020, 10, 10808-10822.	4.6	54
14	In vivo SPECT imaging of an 131I-labeled PM 2.5 mimic substitute. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	1.3	4
15	Dose escalation PET imaging for safety and effective therapy dose optimization of a bispecific antibody. MAbs, 2020, 12, 1748322.	2.6	23
16	Engineered PDâ€L1â€Expressing Platelets Reverse Newâ€Onset Type 1 Diabetes. Advanced Materials, 2020, 32, e1907692.	11.1	49
17	Synthesis of a novel 89Zr-labeled HER2 affibody and its application study in tumor PET imaging. EJNMMI Research, 2020, 10, 58.	1.1	11
18	PET imaging of a ⁶⁸Ga labeled modified HER2 affibody in breast cancers: from xenografts to patients. British Journal of Radiology, 2019, 92, 20190425.	1.0	17

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19	Doxorubicin loaded ferritin nanoparticles for ferroptosis enhanced targeted killing of cancer cells. RSC Advances, 2019, 9, 28548-28553.	1.7	33
20	Characterization of natural melanin fromAuricularia auriculaand its hepatoprotective effect on acute alcohol liver injury in mice. Food and Function, 2019, 10, 1017-1027.	2.1	55
21	Nanoparticle ferritin-bound erastin and rapamycin: a nanodrug combining autophagy and ferroptosis for anticancer therapy. Biomaterials Science, 2019, 7, 3779-3787.	2.6	65
22	Combinatory effects of vaccinia virus VG9 and the STAT3 inhibitor Stattic on cancer therapy. Archives of Virology, 2019, 164, 1805-1814.	0.9	5
23	Advances in drug delivery for post-surgical cancer treatment. Biomaterials, 2019, 219, 119182.	5.7	129
24	Synthesis of Bioreducible Polycations with Controlled Topologies. Methods in Molecular Biology, 2019, 1943, 27-38.	0.4	1
25	Self-Assembling Nonconjugated Poly(amide-imide) into Thermoresponsive Nanovesicles with Unexpected Red Fluorescence for Bioimaging. Biomacromolecules, 2019, 20, 1455-1463.	2.6	16
26	Shape-controlled synthesis of liquid metal nanodroplets for photothermal therapy. Nano Research, 2019, 12, 1313-1320.	5.8	83
27	Evaluation of A Novel GLP-1R Ligand for PET Imaging of Prostate Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 509-514.	0.9	2
28	Advances in liquid metals for biomedical applications. Chemical Society Reviews, 2018, 47, 2518-2533.	18.7	332
29	Advances in bioresponsive closed-loop drug delivery systems. International Journal of Pharmaceutics, 2018, 544, 350-357.	2.6	59
30	Theranostic radioiodine-labelled melanin nanoparticles inspired by clinical brachytherapy seeds. Journal of Materials Chemistry B, 2018, 6, 8163-8169.	2.9	16
31	Blood sampling using microneedles as a minimally invasive platform for biomedical diagnostics. Applied Materials Today, 2018, 13, 144-157.	2.3	41
32	Rational Design of Polyphenol-Poloxamer Nanovesicles for Targeting Inflammatory Bowel Disease Therapy. Chemistry of Materials, 2018, 30, 4073-4080.	3.2	87
33	Polyphenolâ€“Poloxamer Selfâ€Assembled Supramolecular Nanoparticles for Tumor NIRF/PET Imaging. Advanced Healthcare Materials, 2018, 7, e1701505.	3.9	61
34	Engineering PD-1-Presenting Platelets for Cancer Immunotherapy. Nano Letters, 2018, 18, 5716-5725.	4.5	172
35	Age-related change of GLP-1R expression in rats can be detected by [18F]AlF-NOTA-MAL-Cys39-exendin-4. Brain Research, 2018, 1698, 213-219.	1.1	10
36	Oneâ€pot synthesis of soluble and fluorescent aliphatic hyperbranched poly(amideâ€imide) with solventâ€dependent emission. Journal of Polymer Science Part A, 2017, 55, 2053-2060.	2.5	12

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37	General and Scalable Solidâ€State Synthesis of 2D MPS₃ (M = Fe, Co, Ni) Nanosheets and Tuning Their Li/Na Storage Properties. Small Methods, 2017, 1, 1700304.	4.6	90
38	Red Blood Cells for Drug Delivery. Small Methods, 2017, 1, 1700270.	4.6	62
39	PET Imaging of FSHR Expression in Tumors with ⁶⁸Ga-Labeled FSH1 Peptide. Contrast Media and Molecular Imaging, 2017, 2017, 1-8.	0.4	4
40	PET of HER2 Expression with a Novel ¹⁸FAl Labeled Affibody. Journal of Cancer, 2017, 8, 1170-1178.	1.2	24
41	An Investigation on a Novel Anti-tumor Fusion Peptide of FSH33-53-IIKK. Journal of Cancer, 2016, 7, 1010-1019.	1.2	1
42	Thiolactone-maleimide: a functional monomer to synthesize fluorescent aliphatic poly(amide-imide) with excellent solubility via in situ PEGylation. Polymer Chemistry, 2016, 7, 6241-6249.	1.9	27
43	Melanin nanoparticles as an endogenous agent for efficient iron overload therapy. Journal of Materials Chemistry B, 2016, 4, 7233-7240.	2.9	18
44	Pharmacokinetics study of Zr-89-labeled melanin nanoparticle in iron-overload mice. Nuclear Medicine and Biology, 2016, 43, 529-533.	0.3	20
45	An investigation on the anti-tumor properties of FSH33-53-Lytic. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 89-97.	0.7	1
46	Unexpected fluorescence from polymers containing dithio/amino-succinimides. Polymer Chemistry, 2015, 6, 6133-6139.	1.9	79
47	Dragon fruit-like biocage as an iron trapping nanoplatform for high efficiency targeted cancer multimodality imaging. Biomaterials, 2015, 69, 30-37.	5.7	70
48	Stimuliâ€Triggered Growth and Removal of a Bioreducible Nanoshell on Nanoparticles. Macromolecular Rapid Communications, 2014, 35, 649-654.	2.0	6
49	A new method to cross-link a polyplex for enhancing in vivo stability and transfection efficiency. Biomaterials Science, 2014, 2, 390-398.	2.6	11
50	Bioreducible Nanocapsules Prepared from the Selfâ€assembly of Branched Polymer in Nanodroplet. Macromolecular Rapid Communications, 2014, 35, 298-302.	2.0	8
51	A Versatile Method for Encapsulating Large-Sized DNA into Small-Sized Bioreducible Nanocapsules. Journal of Physical Chemistry B, 2014, 118, 3893-3898.	1.2	7
52	Growing Hyperbranched Polymers Using Natural Sunlight. Scientific Reports, 2013, 3, 2841.	1.6	34
53	Synthesis of sequence-ordered polymers via sequential addition of monomers in one pot. Chemical Communications, 2013, 49, 6057.	2.2	54
54	Selectively grafting polymer from the interior and/or exterior surfaces of bioreducible and temperature-responsive nanocapsules. Polymer Chemistry, 2013, 4, 1243-1249.	1.9	11

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55	Synthesis of Bioreducible Polycations with Controlled Topologies. , 2013, 948, 121-132.		0
56	Polymerizing Nonfluorescent Monomers without Incorporating any Fluorescent Agent Produces Strong Fluorescent Polymers. Advanced Materials, 2012, 24, 5617-5624.	11.1	102
57	Bioreducible and acid-labile poly(amido amine)s for efficient gene delivery. International Journal of Nanomedicine, 2012, 7, 5819.	3.3	14
58	Reversible and Multisensitive Quantum Dot Gels. Macromolecules, 2011, 44, 4306-4312.	2.2	24
59	Preparation of biocompatible nanocapsules with temperature-responsive and bioreducible properties. Journal of Materials Chemistry, 2011, 21, 15950.	6.7	26
60	An Easy Method To Convert the Topologies of Macromolecules after Polymerization. Macromolecules, 2011, 44, 1247-1251.	2.2	21
61	Synthesis of bioreducible and acid labile poly(amido amine)s via Michael-addition reactions and their application in gene delivery. Journal of Controlled Release, 2011, 152, e179-e181.	4.8	6
62	Synthesis of Thermoâ€Responsive Polymers With Both Tunable UCST and LCST. Macromolecular Rapid Communications, 2011, 32, 660-664.	2.0	60
63	One-pot synthesis of hyperbranched poly(amido amine) clicked with a sugar shell via Michael addition polymerization and thiol click reaction. Science China Chemistry, 2010, 53, 1663-1668.	4.2	8
64	Multi-responsive carbon nanotube gel prepared via ultrasound-induced assembly. Journal of Materials Chemistry, 2009, 19, 7656.	6.7	36