

Jun-Jie Yan

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,363
citations

236833

25
h-index

214721

47
g-index

65
all docs

65
docs citations

65
times ranked

3495
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in liquid metals for biomedical applications. <i>Chemical Society Reviews</i> , 2018, 47, 2518-2533.	18.7	332
2	Engineering PD-1-Presenting Platelets for Cancer Immunotherapy. <i>Nano Letters</i> , 2018, 18, 5716-5725.	4.5	172
3	Advances in drug delivery for post-surgical cancer treatment. <i>Biomaterials</i> , 2019, 219, 119182.	5.7	129
4	Polymerizing Nonfluorescent Monomers without Incorporating any Fluorescent Agent Produces Strong Fluorescent Polymers. <i>Advanced Materials</i> , 2012, 24, 5617-5624.	11.1	102
5	General and Scalable Solid-State Synthesis of 2D MPS ₃ (M = Fe, Co, Ni) Nanosheets and Tuning Their Li/Na Storage Properties. <i>Small Methods</i> , 2017, 1, 1700304.	4.6	90
6	Rational Design of Polyphenol-Poloxamer Nanovesicles for Targeting Inflammatory Bowel Disease Therapy. <i>Chemistry of Materials</i> , 2018, 30, 4073-4080.	3.2	87
7	Shape-controlled synthesis of liquid metal nanodroplets for photothermal therapy. <i>Nano Research</i> , 2019, 12, 1313-1320.	5.8	83
8	Unexpected fluorescence from polymers containing dithio/amino-succinimides. <i>Polymer Chemistry</i> , 2015, 6, 6133-6139.	1.9	79
9	Dragon fruit-like biocage as an iron trapping nanoplatform for high efficiency targeted cancer multimodality imaging. <i>Biomaterials</i> , 2015, 69, 30-37.	5.7	70
10	Nanoparticle ferritin-bound erastin and rapamycin: a nanodrug combining autophagy and ferroptosis for anticancer therapy. <i>Biomaterials Science</i> , 2019, 7, 3779-3787.	2.6	65
11	Red Blood Cells for Drug Delivery. <i>Small Methods</i> , 2017, 1, 1700270.	4.6	62
12	Polyphenol-Poloxamer Self-Assembled Supramolecular Nanoparticles for Tumor NIRF/PET Imaging. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701505.	3.9	61
13	Synthesis of Thermo-Responsive Polymers With Both Tunable UCST and LCST. <i>Macromolecular Rapid Communications</i> , 2011, 32, 660-664.	2.0	60
14	Advances in bioresponsive closed-loop drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2018, 544, 350-357.	2.6	59
15	Characterization of natural melanin from <i>Auricularia auricula</i> and its hepatoprotective effect on acute alcohol liver injury in mice. <i>Food and Function</i> , 2019, 10, 1017-1027.	2.1	55
16	Synthesis of sequence-ordered polymers via sequential addition of monomers in one pot. <i>Chemical Communications</i> , 2013, 49, 6057.	2.2	54
17	Oral delivery of anti-TNF antibody shielded by natural polyphenol-mediated supramolecular assembly for inflammatory bowel disease therapy. <i>Theranostics</i> , 2020, 10, 10808-10822.	4.6	54
18	Engineered PD-L1-Expressing Platelets Reverse New-Onset Type 1 Diabetes. <i>Advanced Materials</i> , 2020, 32, e1907692.	11.1	49

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19	Engineering polyphenol-based polymeric nanoparticles for drug delivery and bioimaging. <i>Chemical Engineering Journal</i> , 2022, 439, 135661.	6.6	48
20	Blood sampling using microneedles as a minimally invasive platform for biomedical diagnostics. <i>Applied Materials Today</i> , 2018, 13, 144-157.	2.3	41
21	ROS-Responsive Boronate-Stabilized Polyphenol-Poloxamer 188 Assembled Dexamethasone Nanodrug for Macrophage Repolarization in Osteoarthritis Treatment. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100883.	3.9	40
22	Multi-responsive carbon nanotube gel prepared via ultrasound-induced assembly. <i>Journal of Materials Chemistry</i> , 2009, 19, 7656.	6.7	36
23	Growing Hyperbranched Polymers Using Natural Sunlight. <i>Scientific Reports</i> , 2013, 3, 2841.	1.6	34
24	Doxorubicin loaded ferritin nanoparticles for ferroptosis enhanced targeted killing of cancer cells. <i>RSC Advances</i> , 2019, 9, 28548-28553.	1.7	33
25	Injectable liquid metal nanoflake hydrogel as a local therapeutic for enhanced postsurgical suppression of tumor recurrence. <i>Chemical Engineering Journal</i> , 2021, 416, 129092.	6.6	28
26	Thiolactone-maleimide: a functional monomer to synthesize fluorescent aliphatic poly(amide-imide) with excellent solubility via in situ PEGylation. <i>Polymer Chemistry</i> , 2016, 7, 6241-6249.	1.9	27
27	Preparation of biocompatible nanocapsules with temperature-responsive and bioreducible properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 15950.	6.7	26
28	Reversible and Multisensitive Quantum Dot Gels. <i>Macromolecules</i> , 2011, 44, 4306-4312.	2.2	24
29	PET of HER2 Expression with a Novel ¹⁸ F-Labeled Affibody. <i>Journal of Cancer</i> , 2017, 8, 1170-1178.	1.2	24
30	Dose escalation PET imaging for safety and effective therapy dose optimization of a bispecific antibody. <i>MAbs</i> , 2020, 12, 1748322.	2.6	23
31	Uncovering divergent fluorescence of aliphatic polyamides: Synthesis, dual polymerization-induced emissions, and organelle-specific imaging. <i>Chemical Engineering Journal</i> , 2022, 428, 132142.	6.6	23
32	An Easy Method To Convert the Topologies of Macromolecules after Polymerization. <i>Macromolecules</i> , 2011, 44, 1247-1251.	2.2	21
33	<i>In Vivo</i> Tracking of Fluorinated Polypeptide Gene Carriers by Positron Emission Tomography Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45763-45771.	4.0	21
34	Pharmacokinetics study of Zr-89-labeled melanin nanoparticle in iron-overload mice. <i>Nuclear Medicine and Biology</i> , 2016, 43, 529-533.	0.3	20
35	Melanin nanoparticles as an endogenous agent for efficient iron overload therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7233-7240.	2.9	18
36	Feasibility study of ⁶⁸ Ga-labeled CAR-T cells for in vivo tracking using micro-positron emission tomography imaging. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 824-831.	2.8	18

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37	PET imaging of a ⁶⁸ Ga labeled modified HER2 affibody in breast cancers: from xenografts to patients. <i>British Journal of Radiology</i> , 2019, 92, 20190425.	1.0	17
38	Theranostic radioiodine-labelled melanin nanoparticles inspired by clinical brachytherapy seeds. <i>Journal of Materials Chemistry B</i> , 2018, 6, 8163-8169.	2.9	16
39	Self-Assembling Nonconjugated Poly(amide-imide) into Thermoresponsive Nanovesicles with Unexpected Red Fluorescence for Bioimaging. <i>Biomacromolecules</i> , 2019, 20, 1455-1463.	2.6	16
40	Bioreducible and acid-labile poly(amido amine)s for efficient gene delivery. <i>International Journal of Nanomedicine</i> , 2012, 7, 5819.	3.3	14
41	One-pot synthesis of soluble and fluorescent aliphatic hyperbranched poly(amide-imide) with solvent-dependent emission. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2053-2060.	2.5	12
42	Selectively grafting polymer from the interior and/or exterior surfaces of bioreducible and temperature-responsive nanocapsules. <i>Polymer Chemistry</i> , 2013, 4, 1243-1249.	1.9	11
43	A new method to cross-link a polyplex for enhancing in vivo stability and transfection efficiency. <i>Biomaterials Science</i> , 2014, 2, 390-398.	2.6	11
44	Synthesis of a novel ⁸⁹ Zr-labeled HER2 affibody and its application study in tumor PET imaging. <i>EJNMMI Research</i> , 2020, 10, 58.	1.1	11
45	Age-related change of GLP-1R expression in rats can be detected by [¹⁸ F]AIF-NOTA-MAL-Cys39-exendin-4. <i>Brain Research</i> , 2018, 1698, 213-219.	1.1	10
46	One-pot synthesis of hyperbranched poly(amido amine) clicked with a sugar shell via Michael addition polymerization and thiol click reaction. <i>Science China Chemistry</i> , 2010, 53, 1663-1668.	4.2	8
47	Bioreducible Nanocapsules Prepared from the Self-assembly of Branched Polymer in Nanodroplet. <i>Macromolecular Rapid Communications</i> , 2014, 35, 298-302.	2.0	8
48	PET evaluation of light-induced modulation of microglial activation and GLP-1R expression in depressive rats. <i>Translational Psychiatry</i> , 2021, 11, 26.	2.4	8
49	A Versatile Method for Encapsulating Large-Sized DNA into Small-Sized Bioreducible Nanocapsules. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3893-3898.	1.2	7
50	Synthesis of bioreducible and acid labile poly(amido amine)s via Michael-addition reactions and their application in gene delivery. <i>Journal of Controlled Release</i> , 2011, 152, e179-e181.	4.8	6
51	Stimuli-Triggered Growth and Removal of a Bioreducible Nanoshell on Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2014, 35, 649-654.	2.0	6
52	Cationic poly(amide-imide)-conjugated camptothecin prodrug with variable nanomorphology for efficient reductive-responsive drug delivery. <i>European Polymer Journal</i> , 2020, 123, 109462.	2.6	6
53	Combinatory effects of vaccinia virus VC9 and the STAT3 inhibitor Stattic on cancer therapy. <i>Archives of Virology</i> , 2019, 164, 1805-1814.	0.9	5
54	Pharmacokinetic and pharmacodynamic studies of CD19 CAR T cell in human leukaemic xenograft models with dual-modality imaging. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7451-7461.	1.6	5

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55	PET Imaging of FSHR Expression in Tumors with ⁶⁸ Ga-Labeled FSH1 Peptide. Contrast Media and Molecular Imaging, 2017, 2017, 1-8.	0.4	4
56	In vivo SPECT imaging of an ¹³¹ I-labeled PM 2.5 mimic substitute. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	1.3	4
57	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
58	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
59	An Investigation on a Novel Anti-tumor Fusion Peptide of FSH33-53-IKK. Journal of Cancer, 2016, 7, 1010-1019.	1.2	1
60	An investigation on the anti-tumor properties of FSH33-53-Lytic. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 89-97.	0.7	1
61	Synthesis of Bioreducible Polycations with Controlled Topologies. Methods in Molecular Biology, 2019, 1943, 27-38.	0.4	1
62	Synthesis of Bioreducible Polycations with Controlled Topologies. , 2013, 948, 121-132.		0
63	⁶⁸ Ga-NOTA PET imaging for gastric emptying assessment in mice. BMC Gastroenterology, 2021, 21, 69.	0.8	0
64	Optimizing the performance of ⁶⁸ Ga labeled FSHR ligand in prostate cancer model by co-administration of aprotinin. International Journal of Radiation Biology, 2022, 98, 1571-1580.	1.0	0