

Fuyao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,484
citations

430754

18
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580701

25
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docs citations

26
times ranked

2732
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted disruption of tumor vasculature via polyphenol nanoparticles to improve brain cancer treatment. <i>Cell Reports Physical Science</i> , 2022, 3, 100691.	2.8	10
2	ZNF117 regulates glioblastoma stem cell differentiation towards oligodendroglial lineage. <i>Nature Communications</i> , 2022, 13, 2196.	5.8	9
3	Autocatalytic Delivery of Brain Tumor-Targeting, Size-Shrinkable Nanoparticles for Treatment of Breast Cancer Brain Metastases. <i>Advanced Functional Materials</i> , 2020, 30, 1910651.	7.8	28
4	Targeted Delivery of Secretory Promelittin via Novel Poly(lactone- ϵ -caproamino ester) Nanoparticles for Treatment of Breast Cancer Brain Metastases. <i>Advanced Science</i> , 2020, 7, 1901866.	5.6	31
5	Targeted Drug Delivery to Stroke via Chemotactic Recruitment of Nanoparticles Coated with Membrane of Engineered Neural Stem Cells. <i>Small</i> , 2019, 15, e1902011.	5.2	88
6	Anti-edema and antioxidant combination therapy for ischemic stroke via glyburide-loaded betulinic acid nanoparticles. <i>Theranostics</i> , 2019, 9, 6991-7002.	4.6	54
7	Activatable Protein Nanoparticles for Targeted Delivery of Therapeutic Peptides. <i>Advanced Materials</i> , 2018, 30, 1705383.	11.1	38
8	Accurate Monitoring of Renal Injury State through in Vivo Magnetic Resonance Imaging with Ferric Coordination Polymer Nanodots. <i>ACS Omega</i> , 2018, 3, 4918-4923.	1.6	6
9	Thrombin-Responsive, Brain-Targeting Nanoparticles for Improved Stroke Therapy. <i>ACS Nano</i> , 2018, 12, 8723-8732.	7.3	86
10	Targeted Delivery of CRISPR/Cas9-Mediated Cancer Gene Therapy via Liposome-Templated Hydrogel Nanoparticles. <i>Advanced Functional Materials</i> , 2017, 27, 1703036.	7.8	210
11	Renal Clearable Peptide Functionalized NaGdF ₄ Nanodots for High-Efficiency Tracking Orthotopic Colorectal Tumor in Mouse. <i>Molecular Pharmaceutics</i> , 2017, 14, 3134-3141.	2.3	25
12	A novel upconversion@polydopamine core@shell nanoparticle based aptameric biosensor for biosensing and imaging of cytochrome c inside living cells. <i>Biosensors and Bioelectronics</i> , 2017, 87, 638-645.	5.3	91
13	Bioimaging: Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging (<i>Small</i> 30/2015). <i>Small</i> , 2015, 11, 3618-3618.	5.2	0
14	Facile Preparation of Doxorubicin-Loaded Upconversion@Polydopamine Nanoplatforms for Simultaneous In Vivo Multimodality Imaging and Chemophotothermal Synergistic Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 559-568.	3.9	165
15	Cy5 labeled single-stranded DNA-polydopamine nanoparticle conjugate-based FRET assay for reactive oxygen species detection. <i>Sensing and Bio-Sensing Research</i> , 2015, 3, 92-97.	2.2	9
16	Surface charge effect on the cellular interaction and cytotoxicity of NaYF ₄ :Yb ₃₊ , Er ₃₊ @SiO ₂ nanoparticles. <i>RSC Advances</i> , 2015, 5, 7773-7780.	1.7	23
17	Gram-scale synthesis of coordination polymer nanodots with renal clearance properties for cancer theranostic applications. <i>Nature Communications</i> , 2015, 6, 8003.	5.8	225
18	Controllable synthesis of polydopamine nanoparticles in microemulsions with pH-activatable properties for cancer detection and treatment. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6731-6739.	2.9	66

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19	Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging. <i>Small</i> , 2015, 11, 3676-3685.	5.2	15
20	Fe ₂ O ₃ @Au core@shell nanoparticleâ€“graphene nanocomposites as theranostic agents for bioimaging and chemo-photothermal synergistic therapy. <i>RSC Advances</i> , 2015, 5, 84980-84987.	1.7	35
21	Fabricating three-dimensional carbohydrate hydrogel microarray for lectin-mediated bacterium capturing. <i>Biosensors and Bioelectronics</i> , 2014, 58, 92-100.	5.3	31
22	Lectin-Conjugated Fe ₂ O ₃ @Au Core@Shell Nanoparticles as Dual Mode Contrast Agents for <i>in Vivo</i> Detection of Tumor. <i>Molecular Pharmaceutics</i> , 2014, 11, 738-745.	2.3	56
23	Conjugation of NaGdF ₄ upconverting nanoparticles on silica nanospheres as contrast agents for multi-modality imaging. <i>Biomaterials</i> , 2013, 34, 5218-5225.	5.7	94
24	Synthesis of stable carboxy-terminated NaYF ₄ : Yb ³⁺ , Er ³⁺ @SiO ₂ nanoparticles with ultrathin shell for biolabeling applications. <i>Nanoscale</i> , 2013, 5, 1047-1053.	2.8	70