

# Fuyao Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12084789/publications.pdf>

Version: 2024-02-01

24  
papers

1,484  
citations

430754

18  
h-index

580701

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2732  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Facile Preparation of Doxorubicin-Loaded Upconversion@Polydopamine Nanoplatforams for Simultaneous In Vivo Multimodality Imaging and Chemophothermal Synergistic Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 559-568.	3.9	165
4	Conjugation of NaGdF <sub>4</sub> upconverting nanoparticles on silica nanospheres as contrast agents for multi-modality imaging. <i>Biomaterials</i> , 2013, 34, 5218-5225.	5.7	94
5	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
6	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
7	Thrombin-Responsive, Brain-Targeting Nanoparticles for Improved Stroke Therapy. <i>ACS Nano</i> , 2018, 12, 8723-8732.	7.3	86
8	Synthesis of stable carboxy-terminated NaYF <sub>4</sub> : Yb <sup>3+</sup> , Er <sup>3+</sup> @SiO <sub>2</sub> nanoparticles with ultrathin shell for biolabeling applications. <i>Nanoscale</i> , 2013, 5, 1047-1053.	2.8	70
9	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
10	Lectin-Conjugated Fe <sub>2</sub> O <sub>3</sub> @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
11	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
12	Activatable Protein Nanoparticles for Targeted Delivery of Therapeutic Peptides. <i>Advanced Materials</i> , 2018, 30, 1705383.	11.1	38
13	Fe <sub>2</sub> O <sub>3</sub> @Au core@shell nanoparticle-graphene nanocomposites as theranostic agents for bioimaging and chemo-photothermal synergistic therapy. <i>RSC Advances</i> , 2015, 5, 84980-84987.	1.7	35
14	Fabricating three-dimensional carbohydrate hydrogel microarray for lectin-mediated bacterium capturing. <i>Biosensors and Bioelectronics</i> , 2014, 58, 92-100.	5.3	31
15	Targeted Delivery of Secretory Promelittin via Novel Poly(lactone-ε-capro amino ester) Nanoparticles for Treatment of Breast Cancer Brain Metastases. <i>Advanced Science</i> , 2020, 7, 1901866.	5.6	31
16	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
17	Renal Clearable Peptide Functionalized NaGdF <sub>4</sub> Nanodots for High-Efficiency Tracking Orthotopic Colorectal Tumor in Mouse. <i>Molecular Pharmaceutics</i> , 2017, 14, 3134-3141.	2.3	25
18	Surface charge effect on the cellular interaction and cytotoxicity of NaYF <sub>4</sub> : Yb <sup>3+</sup> , Er <sup>3+</sup> @SiO <sub>2</sub> nanoparticles. <i>RSC Advances</i> , 2015, 5, 7773-7780.	1.7	23

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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	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
21	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
22	ZNF117 regulates glioblastoma stem cell differentiation towards oligodendroglial lineage. <i>Nature Communications</i> , 2022, 13, 2196.	5.8	9
23	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
24	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