

Jie Liu

List of Publications by Year in descending order

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58
papers

3,424
citations

109264

35
h-index

138417

58
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all docs

59
docs citations

59
times ranked

4374
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrabright Organic Dots with Aggregation-Induced Emission Characteristics for Real-Time Two-Photon Intravital Vasculature Imaging. <i>Advanced Materials</i> , 2013, 25, 6083-6088.	11.1	255
2	Semiconducting Polymer Nanoparticles as Theranostic System for Near-Infrared-II Fluorescence Imaging and Photothermal Therapy under Safe Laser Fluence. <i>ACS Nano</i> , 2020, 14, 2509-2521.	7.3	220
3	Biocompatible Conjugated Polymer Nanoparticles for Efficient Photothermal Tumor Therapy. <i>Small</i> , 2015, 11, 1603-1610.	5.2	168
4	Long wavelength excitable near-infrared fluorescent nanoparticles with aggregation-induced emission characteristics for image-guided tumor resection. <i>Chemical Science</i> , 2017, 8, 2782-2789.	3.7	159
5	Multifunctional Conjugated Polymer Nanoparticles for Image-Guided Photodynamic and Photothermal Therapy. <i>Small</i> , 2017, 13, 1602807.	5.2	147
6	Rational Design of a Red-Emissive Fluorophore with AIE and ESIPT Characteristics and Its Application in Light-Up Sensing of Esterase. <i>Analytical Chemistry</i> , 2017, 89, 3162-3168.	3.2	143
7	Organic Dots with Aggregation-Induced Emission (AIE Dots) Characteristics for Dual-Color Cell Tracing. <i>Chemistry of Materials</i> , 2013, 25, 4181-4187.	3.2	115
8	Bright Far-Red/Near-Infrared Conjugated Polymer Nanoparticles for In Vivo Bioimaging. <i>Small</i> , 2013, 9, 3093-3102.	5.2	106
9	Ultrabright organic dots with aggregation-induced emission characteristics for cell tracking. <i>Biomaterials</i> , 2014, 35, 8669-8677.	5.7	96
10	Molecular Engineering of an Organic NIR-II Fluorophore with Aggregation-Induced Emission Characteristics for In Vivo Imaging. <i>Small</i> , 2019, 15, e1805549.	5.2	96
11	Conjugated polymer nanoparticles for photoacoustic vascular imaging. <i>Polymer Chemistry</i> , 2014, 5, 2854-2862.	1.9	93
12	Artemisinin and AIEgen Conjugate for Mitochondria-Targeted and Image-Guided Chemo- and Photodynamic Cancer Cell Ablation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11546-11553.	4.0	93
13	NIR-II Excited Intravital Two-Photon Microscopy Distinguishes Deep Cerebral and Tumor Vasculatures with an Ultrabright NIR-II AIE Luminogen. <i>Advanced Materials</i> , 2019, 31, e1904447.	11.1	93
14	Conjugated polymer and drug co-encapsulated nanoparticles for Chemo- and Photo-thermal Combination Therapy with two-photon regulated fast drug release. <i>Nanoscale</i> , 2015, 7, 3067-3076.	2.8	92
15	NIR-II Excitable Conjugated Polymer Dots with Bright NIR-II Emission for Deep In Vivo Two-Photon Brain Imaging Through Intact Skull. <i>Advanced Functional Materials</i> , 2019, 29, 1808365.	7.8	80
16	Decoration of porphyrin with tetraphenylethene: converting a fluorophore with aggregation-caused quenching to aggregation-induced emission enhancement. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4690-4695.	2.9	77
17	NIR-II Light Activated Photosensitizer with Aggregation-Induced Emission for Precise and Efficient Two-Photon Photodynamic Cancer Cell Ablation. <i>Advanced Functional Materials</i> , 2020, 30, 2002546.	7.8	74
18	Micelle/Silica Co-protected Conjugated Polymer Nanoparticles for Two-Photon Excited Brain Vascular Imaging. <i>Chemistry of Materials</i> , 2014, 26, 1874-1880.	3.2	65

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19	PEGylated conjugated polyelectrolytes containing 2,1,3-benzoxadiazole units for targeted cell imaging. <i>Polymer Chemistry</i> , 2012, 3, 1567.	1.9	55
20	Reversible photoswitching conjugated polymer nanoparticles for cell and ex vivo tumor imaging. <i>Nanoscale</i> , 2014, 6, 4141-4147.	2.8	55
21	Bright far-red/near-infrared fluorescent conjugated polymer nanoparticles for targeted imaging of HER2-positive cancer cells. <i>Polymer Chemistry</i> , 2013, 4, 4326.	1.9	54
22	<i>In vivo</i> assessment of inflammation in carotid atherosclerosis by noninvasive photoacoustic imaging. <i>Theranostics</i> , 2020, 10, 4694-4704.	4.6	52
23	A bright far-red and near-infrared fluorescent conjugated polyelectrolyte with quantum yield reaching 25%. <i>Chemical Communications</i> , 2013, 49, 1491-1493.	2.2	51
24	Far-Red/Near-Infrared Conjugated Polymer Nanoparticles for Long-Term In Situ Monitoring of Liver Tumor Growth. <i>Advanced Science</i> , 2015, 2, 1500008.	5.6	50
25	Bright Single-Chain Conjugated Polymer Dots Embedded Nanoparticles for Long-Term Cell Tracing and Imaging. <i>Small</i> , 2014, 10, 1212-1219.	5.2	49
26	Tip-Selective Growth of Silver on Gold Nanostars for Surface-Enhanced Raman Scattering. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14850-14856.	4.0	46
27	Optical/electrochemical methods for detecting mitochondrial energy metabolism. <i>Chemical Society Reviews</i> , 2022, 51, 71-127.	18.7	45
28	Novel Spectrally Stable Saturated Blue-Light-Emitting Poly[(fluorene)-co-(diocyl)dibenzothiophene-S,S-dioxide)s. <i>Macromolecular Rapid Communications</i> , 2010, 31, 496-501.	2.0	43
29	Highly efficient green-emitting electrophosphorescent hyperbranched polymers using a bipolar carbazole-3,6-diyl-co-2,8-octylidibenzothiophene-S,S-dioxide-3,7-diyl unit as the branch. <i>RSC Advances</i> , 2012, 2, 689-696.	1.7	43
30	<p>>An organic NIR-II nanofluorophore with aggregation-induced emission characteristics for in vivo fluorescence imaging</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3571-3582.	3.3	42
31	A 1064 nm excitable semiconducting polymer nanoparticle for photoacoustic imaging of gliomas. <i>Nanoscale</i> , 2019, 11, 7754-7760.	2.8	42
32	Facile Synthesis of Stable and Water-Dispersible Multihydroxy Conjugated Polymer Nanoparticles with Tunable Size by Dendritic Cross-Linking. <i>ACS Macro Letters</i> , 2012, 1, 927-932.	2.3	41
33	Tumor-Responsive Fluorescent Light-Up Probe Based on a Gold Nanoparticle/Conjugated Polyelectrolyte Hybrid. <i>Small</i> , 2014, 10, 1967-1975.	5.2	40
34	Ultras-small Conjugated Polymer Nanoparticles with High Specificity for Targeted Cancer Cell Imaging. <i>Advanced Science</i> , 2017, 4, 1600407.	5.6	40
35	Molecular Engineering of Photoacoustic Performance by Chalcogenide Variation in Conjugated Polymer Nanoparticles for Brain Vascular Imaging. <i>Small</i> , 2018, 14, e1703732.	5.2	37
36	Emerging applications of conjugated polymers in molecular imaging. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 17006.	1.3	34

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37	A general approach to prepare conjugated polymer dot embedded silica nanoparticles with a SiO ₂ @CP@SiO ₂ structure for targeted HER2-positive cellular imaging. <i>Nanoscale</i> , 2013, 5, 8593.	2.8	33
38	Polymeric nanorods with aggregation-induced emission characteristics for enhanced cancer targeting and imaging. <i>Nanoscale</i> , 2018, 10, 5869-5874.	2.8	32
39	Highly emissive PEG-encapsulated conjugated polymer nanoparticles. <i>Nanoscale</i> , 2012, 4, 5694.	2.8	30
40	Novel molecularly imprinted polymer (MIP) multiple sensors for endogenous redox couples determination and their applications in lung cancer diagnosis. <i>Talanta</i> , 2019, 199, 573-580.	2.9	30
41	A water-soluble conjugated polymer brush with multihydroxy dendritic side chains. <i>Polymer Chemistry</i> , 2013, 4, 5243.	1.9	27
42	Conjugated polymer microparticles for selective cancer cell image-guided photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1135-1141.	2.9	26
43	Bright Quantum-Dot-Sized Single-Chain Conjugated Polyelectrolyte Nanoparticles: Synthesis, Characterization and Application for Specific Extracellular Labeling and Imaging. <i>Small</i> , 2014, 10, 3110-3118.	5.2	23
44	Multiple stimuli-responsive nanosystem for potent, ROS-amplifying, chemo-sonodynamic antitumor therapy. <i>Bioactive Materials</i> , 2022, 15, 355-371.	8.6	21
45	Acceptor engineering of small-molecule fluorophores for NIR-II fluorescence and photoacoustic imaging. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9951-9960.	2.9	20
46	Simultaneous Enhancement of the Long-Wavelength NIR-II Brightness and Photothermal Performance of Semiconducting Polymer Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8705-8717.	4.0	20
47	Single molecular hyperbranched nanoprobe for fluorescence and magnetic resonance dual modal imaging. <i>Polymer Chemistry</i> , 2013, 4, 1517-1524.	1.9	19
48	Cell imaging using red fluorescent light-up probes based on an environment-sensitive fluorogen with intramolecular charge transfer characteristics. <i>Chemical Communications</i> , 2014, 50, 9497.	2.2	19
49	Organic nanoparticles with ultrahigh quantum yield and aggregation-induced emission characteristics for cellular imaging and real-time two-photon lung vasculature imaging. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2630-2636.	2.9	19
50	A Facile Strategy toward Conjugated Polyelectrolyte with Oligopeptide as Pendants for Biological Applications. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4511-4515.	4.0	18
51	Hydrogen peroxide degradable conjugated polymer nanoparticles for fluorescence and photoacoustic bimodal imaging. <i>Chemical Communications</i> , 2018, 54, 2518-2521.	2.2	17
52	Amplification of near-infrared fluorescence in semiconducting polymer nanoprobe for grasping the behaviors of systemically administered endothelial cells in ischemia treatment. <i>Biomaterials</i> , 2017, 143, 109-119.	5.7	16
53	NIR-Absorbing Semiconducting Polymer-Triggered Gene-Directed Enzyme Prodrug Therapy for Cancer Treatment. <i>Small</i> , 2021, 17, e2100501.	5.2	15
54	Immune remodeling triggered by photothermal therapy with semiconducting polymer nanoparticles in combination with chemotherapy to inhibit metastatic cancers. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2613-2622.	2.9	13

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55	Hot-band absorption of indocyanine green for advanced anti-stokes fluorescence bioimaging. Light: Science and Applications, 2021, 10, 182.	7.7	13
56	Red and near infrared fluorescent conjugated polyelectrolytes for biomedical applications. Journal of Polymer Science Part A, 2017, 55, 519-532.	2.5	10
57	In Vivo Imaging: Molecular Engineering of an Organic NIR-Fluorophore with Aggregation-Induced Emission Characteristics for In Vivo Imaging (Small 20/2019). Small, 2019, 15, 1970106.	5.2	7
58	Simultaneously Detecting Monoamine Oxidase A and B in Disease Cell/Tissue Samples Using Paper-Based Devices. ACS Applied Bio Materials, 2021, 4, 1395-1402.	2.3	5