

Xiao-Long Liu

List of Publications by Year in descending order

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187
papers

7,150
citations

57631

44
h-index

85405

71
g-index

196
all docs

196
docs citations

196
times ranked

8747
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of PD-1 Blockade in Cancer Immunotherapy. Computational and Structural Biotechnology Journal, 2019, 17, 661-674.	1.9	333
2	Chlorin e6 Conjugated Poly(dopamine) Nanospheres as PDT/PTT Dual-Modal Therapeutic Agents for Enhanced Cancer Therapy. ACS Applied Materials & Interfaces, 2015, 7, 8176-8187.	4.0	311
3	Tuning wettability of molten lithium via a chemical strategy for lithium metal anodes. Nature Communications, 2019, 10, 4930.	5.8	181
4	Pressure-Based Biosensor Integrated with a Flexible Pressure Sensor and an Electrochromic Device for Visual Detection. Analytical Chemistry, 2021, 93, 2916-2925.	3.2	181
5	Liposome-Mediated <i>In Situ</i> Formation of Type-I Heterojunction for Amplified Photoelectrochemical Immunoassay. Analytical Chemistry, 2022, 94, 4859-4865.	3.2	176
6	Mesenchymal stromal cell therapies: immunomodulatory properties and clinical progress. Stem Cell Research and Therapy, 2020, 11, 345.	2.4	158
7	Lipid-AuNPs@PDA Nanohybrid for MRI/CT Imaging and Photothermal Therapy of Hepatocellular Carcinoma. ACS Applied Materials & Interfaces, 2014, 6, 14266-14277.	4.0	151
8	Exploiting Photoelectric Activities and Piezoelectric Properties of NaNbO_3 Semiconductors for Point-of-Care Immunoassay. Analytical Chemistry, 2022, 94, 3418-3426.	3.2	151
9	Nanocluster of superparamagnetic iron oxide nanoparticles coated with poly (dopamine) for magnetic field-targeting, highly sensitive MRI and photothermal cancer therapy. Nanotechnology, 2015, 26, 115102.	1.3	136
10	Platinum Nanozyme-Triggered Pressure-Based Immunoassay Using a Three-Dimensional Polypyrrole Foam-Based Flexible Pressure Sensor. ACS Applied Materials & Interfaces, 2020, 12, 40133-40140.	4.0	123
11	Tumor Microenvironment Responsive Shape-Reversal Self-Targeting Virus-Inspired Nanodrug for Imaging-Guided Near-Infrared-II Photothermal Chemotherapy. ACS Nano, 2019, 13, 12912-12928.	7.3	118
12	Chemiluminescence-Derived Self-Powered Photoelectrochemical Immunoassay for Detecting a Low-Abundance Disease-Related Protein. Analytical Chemistry, 2021, 93, 13389-13397.	3.2	118
13	Photodynamic Therapy Combined with Antihypoxic Signaling and CpG Adjuvant as an In Situ Tumor Vaccine Based on Metal-Organic Framework Nanoparticles to Boost Cancer Immunotherapy. Advanced Healthcare Materials, 2020, 9, e1900996.	3.9	117
14	Equipping Natural Killer Cells with Specific Targeting and Checkpoint Blocking Aptamers for Enhanced Adoptive Immunotherapy in Solid Tumors. Angewandte Chemie - International Edition, 2020, 59, 12022-12028.	7.2	114
15	Molecularly Engineered Strong Metal Oxide Support Interaction Enables Highly Efficient and Stable CO_2 Electroreduction. ACS Catalysis, 2020, 10, 13227-13235.	5.5	94
16	Comprehensive Liquid Profiling of Circulating Tumor DNA and Protein Biomarkers in Long-Term Follow-Up Patients with Hepatocellular Carcinoma. Clinical Cancer Research, 2019, 25, 5284-5294.	3.2	90
17	Cancer cell membrane-coated magnetic nanoparticles for MR/NIR fluorescence dual-modal imaging and photodynamic therapy. Biomaterials Science, 2018, 6, 1834-1845.	2.6	88
18	CRISPR/Cas12a-mediated liposome-amplified strategy for the photoelectrochemical detection of nucleic acid. Chemical Communications, 2021, 57, 8977-8980.	2.2	87

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19	Ultrasound-Driven Biomimetic Nanosystem Suppresses Tumor Growth and Metastasis through Sonodynamic Therapy, CO Therapy, and Indoleamine 2,3-Dioxygenase Inhibition. <i>ACS Nano</i> , 2020, 14, 8985-8999.	7.3	82
20	Lipid micelles packaged with semiconducting polymer dots as simultaneous MRI/photoacoustic imaging and photodynamic/photothermal dual-modal therapeutic agents for liver cancer. <i>Journal of Materials Chemistry B</i> , 2016, 4, 589-599.	2.9	75
21	Light-Enhanced Hypoxia-Response of Conjugated Polymer Nanocarrier for Successive Synergistic Photodynamic and Chemo-Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21909-21919.	4.0	73
22	Tumor microenvironment-activated self-recognizing nanodrug through directly tailored assembly of small-molecules for targeted synergistic chemotherapy. <i>Journal of Controlled Release</i> , 2020, 321, 222-235.	4.8	72
23	Circulating tumor DNA profiling reveals clonal evolution and real-time disease progression in advanced hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2017, 141, 977-985.	2.3	71
24	Antioxidants inhibit cell senescence and preserve stemness of adipose tissue-derived stem cells by reducing ROS generation during long-term in vitro expansion. <i>Stem Cell Research and Therapy</i> , 2019, 10, 306.	2.4	71
25	Smart Cu(II)-aptamer complexes based gold nanoplatfor for tumor micro-environment triggered programmable intracellular prodrug release, photodynamic treatment and aggregation induced photothermal therapy of hepatocellular carcinoma. <i>Theranostics</i> , 2017, 7, 164-179.	4.6	69
26	Photoresponsive Nanovehicle for Two Independent Wavelength Light-Triggered Sequential Release of P-gp shRNA and Doxorubicin To Optimize and Enhance Synergistic Therapy of Multidrug-Resistant Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19416-19427.	4.0	67
27	An immune checkpoint score system for prognostic evaluation and adjuvant chemotherapy selection in gastric cancer. <i>Nature Communications</i> , 2020, 11, 6352.	5.8	67
28	Wettability-Guided Screen Printing of Perovskite Microlaser Arrays for Current-Driven Displays. <i>Advanced Materials</i> , 2020, 32, e2001999.	11.1	66
29	Self-Quenched Metal-Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25203-25212.	4.0	63
30	Photocatalysis Enhancement for Programmable Killing of Hepatocellular Carcinoma through Self-Compensation Mechanisms Based on Black Phosphorus Quantum-Dot-Hybridized Nanocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9804-9813.	4.0	63
31	Donor-acceptor conjugated polymer-based nanoparticles for highly effective photoacoustic imaging and photothermal therapy in the NIR-II window. <i>Chemical Communications</i> , 2020, 56, 1093-1096.	2.2	63
32	Liposome-Embedded Cu ₂ S Nanoparticle-Mediated Photothermal Immunoassay for Daily Monitoring of cTnI Protein Using a Portable Thermal Imager. <i>Analytical Chemistry</i> , 2022, 94, 7408-7416.	3.2	61
33	Chemotherapeutic Drug Based Metal-Organic Particles for Microvesicle-Mediated Deep Penetration and Programmable pH/NIR/Hypoxia Activated Cancer Photochemotherapy. <i>Advanced Science</i> , 2018, 5, 1700648.	5.6	60
34	RBC Membrane Camouflaged Semiconducting Polymer Nanoparticles for Near-Infrared Photoacoustic Imaging and Photothermal Therapy. <i>Nano-Micro Letters</i> , 2020, 12, 94.	14.4	60
35	pH/hypoxia programmable triggered cancer photo-chemotherapy based on a semiconducting polymer dot hybridized mesoporous silica framework. <i>Chemical Science</i> , 2018, 9, 7390-7399.	3.7	59
36	Genome-scale profiling of circulating cell-free DNA signatures for early detection of hepatocellular carcinoma in cirrhotic patients. <i>Cell Research</i> , 2021, 31, 589-592.	5.7	59

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37	Cancer Cell-Targeted Photosensitizer and Therapeutic Protein Co-Delivery Nanoplatform Based on a Metal-Organic Framework for Enhanced Synergistic Photodynamic and Protein Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36906-36916.	4.0	58
38	Tumor Microenvironment Activable Self-Assembled DNA Hybrids for pH and Redox Dual-Responsive Chemotherapy/PDT Treatment of Hepatocellular Carcinoma. <i>Advanced Science</i> , 2017, 4, 1600460.	5.6	56
39	Multifunctional PEG modified DOX loaded mesoporous silica nanoparticle@CuS nanohybrids as photo-thermal agent and thermal-triggered drug release vehicle for hepatocellular carcinoma treatment. <i>Nanotechnology</i> , 2015, 26, 025102.	1.3	54
40	Self-Luminescing Theranostic Nanoreactors with Intraparticle Relayed Energy Transfer for Tumor Microenvironment Activated Imaging and Photodynamic Therapy. <i>Theranostics</i> , 2019, 9, 20-33.	4.6	53
41	Magnetite nanocluster@poly(dopamine)-PEG@ indocyanine green nanobead with magnetic field-targeting enhanced MR imaging and photothermal therapy in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 467-475.	2.5	52
42	Reduction/photo dual-responsive polymeric prodrug nanoparticles for programmed siRNA and doxorubicin delivery. <i>Biomaterials Science</i> , 2018, 6, 1457-1468.	2.6	51
43	Remodeling Tumor-Associated Neutrophils to Enhance Dendritic Cell-Based HCC Neoantigen Nano-Vaccine Efficiency. <i>Advanced Science</i> , 2022, 9, e2105631.	5.6	51
44	USP10 suppresses tumor progression by inhibiting mTOR activation in hepatocellular carcinoma. <i>Cancer Letters</i> , 2018, 436, 139-148.	3.2	49
45	Hyperspectral Stimulated Raman Scattering Microscopy Unravels Aberrant Accumulation of Saturated Fat in Human Liver Cancer. <i>Analytical Chemistry</i> , 2018, 90, 6362-6366.	3.2	48
46	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20888-20896.	7.2	48
47	Semiconducting polymer-based nanoparticles for photothermal therapy at the second near-infrared window. <i>Chemical Communications</i> , 2018, 54, 13599-13602.	2.2	47
48	Polydopamine doped reduced graphene oxide/mesoporous silica nanosheets for chemo-photothermal and enhanced photothermal therapy. <i>Materials Science and Engineering C</i> , 2019, 96, 138-145.	3.8	46
49	Personalized neoantigen vaccine prevents postoperative recurrence in hepatocellular carcinoma patients with vascular invasion. <i>Molecular Cancer</i> , 2021, 20, 164.	7.9	44
50	Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immunotherapy Efficiency of Solid Tumors. <i>Small</i> , 2019, 15, e1902636.	5.2	43
51	Highly efficient loading of doxorubicin in Prussian Blue nanocages for combined photothermal/chemotherapy against hepatocellular carcinoma. <i>RSC Advances</i> , 2015, 5, 30970-30980.	1.7	41
52	Prevalence and Clinical Relevance of T-Helper Cells, Th17 and Th1, in Hepatitis B Virus-Related Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2014, 9, e96080.	1.1	40
53	Facile synthesis of multifunctional Fe ₃ O ₄ @SiO ₂ @Au magneto-plasmonic nanoparticles for MR/CT dual imaging and photothermal therapy. <i>RSC Advances</i> , 2017, 7, 18844-18850.	1.7	40
54	Poly (dopamine) coated superparamagnetic iron oxide nanocluster for noninvasive labeling, tracking and targeted delivery of adipose tissue-derived stem cells. <i>Scientific Reports</i> , 2016, 6, 18746.	1.6	39

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55	A fluorescence sensing platform with the MnO ₂ nanosheets as an effective oxidant for glutathione detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 30-36.	4.0	39
56	Localized Surface Plasmon Resonance Enhanced Singlet Oxygen Generation and Light Absorption Based on Black Phosphorus@AuNPs Nanosheet for Tumor Photodynamic/Thermal Therapy. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800010.	1.2	39
57	Lead-free thermochromic perovskites with tunable transition temperatures for smart window applications. <i>Science China Chemistry</i> , 2019, 62, 1257-1262.	4.2	39
58	Tumor Microenvironment Cascade-Responsive Nanodrug with Self-Targeting Activation and ROS Regeneration for Synergistic Oxidation-Chemotherapy. <i>Nano-Micro Letters</i> , 2020, 12, 182.	14.4	38
59	Cytosolic Delivery of Thiolated Mn-εGAMP Nanovaccine to Enhance the Antitumor Immune Responses. <i>Small</i> , 2021, 17, e2006970.	5.2	38
60	Quantitative proteomics analysis of early recurrence/metastasis of huge hepatocellular carcinoma following radical resection. <i>Proteome Science</i> , 2014, 12, 22.	0.7	36
61	Hypoxia-responsive nanoreactors based on self-enhanced photodynamic sensitization and triggered ferroptosis for cancer synergistic therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 204.	4.2	36
62	Biodegradable Nanoprobe for NIR-ε Fluorescence Image-ε Guided Surgery and Enhanced Breast Cancer Radiotherapy Efficacy. <i>Advanced Science</i> , 2022, 9, e2104728.	5.6	35
63	A thieno-isoinidigo derivative-based conjugated polymer nanoparticle for photothermal therapy in the NIR-II bio-window. <i>Nanoscale</i> , 2020, 12, 19665-19672.	2.8	34
64	Converting Immune Cold into Hot by Biosynthetic Functional Vesicles to Boost Systematic Antitumor Immunity. <i>IScience</i> , 2020, 23, 101341.	1.9	34
65	Cytosolic Delivery of Thiolated Neoantigen Nano-ε Vaccine Combined with Immune Checkpoint Blockade to Boost Anti-ε Cancer T Cell Immunity. <i>Advanced Science</i> , 2021, 8, 2003504.	5.6	34
66	Pressure-Based Immunoassays with Versatile Electronic Sensors for Carcinoembryonic Antigen Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46440-46450.	4.0	34
67	Chiral Hybrid Perovskite Single-ε Crystal Nanowire Arrays for High-ε Performance Circularly Polarized Light Detection. <i>Advanced Science</i> , 2021, 8, e2102065.	5.6	34
68	Engineered Red Blood Cell Biomimetic Nanovesicle with Oxygen Self-Supply for Near-Infrared-II Fluorescence-Guided Synergetic Chemo-Photodynamic Therapy against Hypoxic Tumors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52435-52449.	4.0	34
69	Suppressing Nonradiative Processes of Organic Dye with Metal-ε Organic Framework Encapsulation toward Near-Infrared Solid-State Microlasers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35455-35461.	4.0	33
70	An Optogenetic Controllable T Cell System for Hepatocellular Carcinoma Immunotherapy. <i>Theranostics</i> , 2019, 9, 1837-1850.	4.6	33
71	Localized NIR-II photo-immunotherapy through the combination of photothermal ablation and <i>in situ</i> generated interleukin-12 cytokine for efficiently eliminating primary and abscopal tumors. <i>Nanoscale</i> , 2021, 13, 1745-1758.	2.8	32
72	Highly photoluminescent and temperature-sensitive P, N, B-co-doped carbon quantum dots and their highly sensitive recognition for curcumin. <i>RSC Advances</i> , 2019, 9, 8340-8349.	1.7	31

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73	In Situ Switching of Photoinduced Electron Transfer Direction by Regulating the Redox State in Fullerene-Based Dyads. <i>Journal of the American Chemical Society</i> , 2020, 142, 4411-4418.	6.6	31
74	Photo-responsive hollow silica nanoparticles for light-triggered genetic and photodynamic synergistic therapy. <i>Acta Biomaterialia</i> , 2018, 76, 178-192.	4.1	30
75	Metabolomics profiling of metformin-mediated metabolic reprogramming bypassing AMPK \pm . <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 18-29.	1.5	30
76	Integrating phosphoproteomics into kinase-targeted cancer therapies in precision medicine. <i>Journal of Proteomics</i> , 2019, 191, 68-79.	1.2	30
77	Self-assembled metallo-supramolecular nanoflowers for NIR/acidic-triggered multidrug release, long-term tumor retention and NIR-II fluorescence imaging-guided photo-chemotherapy. <i>Chemical Engineering Journal</i> , 2020, 400, 125882.	6.6	30
78	Antioxidant preconditioning improves therapeutic outcomes of adipose tissue-derived mesenchymal stem cells through enhancing intrahepatic engraftment efficiency in a mouse liver fibrosis model. <i>Stem Cell Research and Therapy</i> , 2020, 11, 237.	2.4	30
79	A fluorescence based immunoassay for galectin-4 using gold nanoclusters and a composite consisting of glucose oxidase and a metal-organic framework. <i>Mikrochimica Acta</i> , 2017, 184, 1933-1940.	2.5	29
80	Thermally Activated Lasing in Organic Microcrystals toward Laser Displays. <i>Journal of the American Chemical Society</i> , 2021, 143, 20249-20255.	6.6	29
81	Natural Killer Cell Membrane $\text{\textcircled{C}}$ Cloaked Virus $\text{\textcircled{C}}$ Mimicking Nanogenerator with NIR $\text{\textcircled{C}}$ Triggered Shape Reversal and $\text{\textcircled{C}}$ OH Storm for Synergistic Thermodynamic $\text{\textcircled{C}}$ Chemodynamic Therapy. <i>Advanced Science</i> , 2022, 9, e21103498.	5.6	29
82	A fluorescent turn on nanoprobe for simultaneous visualization of dual-targets involved in cell apoptosis and drug screening in living cells. <i>Nanoscale</i> , 2017, 9, 10861-10868.	2.8	28
83	<p>FGG promotes migration and invasion in hepatocellular carcinoma cells through activating epithelial to mesenchymal transition</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 1653-1665.	0.9	28
84	Integrated Photothermal $\text{\textcircled{C}}$ Pyroelectric Biosensor for Rapid and Point $\text{\textcircled{C}}$ Care Diagnosis of Acute Myocardial Infarction: A Convergence of Theoretical Research and Commercialization. <i>Small</i> , 2022, 18, .	5.2	28
85	Photoresponsive lipid-polymer hybrid nanoparticles for controlled doxorubicin release. <i>Nanotechnology</i> , 2017, 28, 255101.	1.3	27
86	Programmable Therapeutic Nanodevices with Circular Amplification of H ₂ O ₂ in the Tumor Microenvironment for Synergistic Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801627.	3.9	27
87	An Isothermal Method for Sensitive Detection of Mycobacterium tuberculosis Complex Using Clustered Regularly Interspaced Short Palindromic Repeats/Cas12a Cis and Trans Cleavage. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 1020-1029.	1.2	27
88	Facile preparation of biocompatible Ti ₂ O ₃ nanoparticles for second near-infrared window photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7889-7897.	2.9	25
89	HIF-1 \pm and HDAC1 mediated regulation of FAM99A-miR92a signaling contributes to hypoxia induced HCC metastasis. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 118.	7.1	25
90	Tumor Microenvironment-Responsive Yolk $\text{\textcircled{C}}$ Shell NaCl@Virus-Inspired Tetrasulfide-Organosilica for Ion-Interference Therapy <i>via</i> Osmolarity Surge and Oxidative Stress Amplification. <i>ACS Nano</i> , 2022, 16, 7380-7397.	7.3	25

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91	Red Blood Cell-Mimic Nanocatalyst Triggering Radical Storm to Augment Cancer Immunotherapy. Nano-Micro Letters, 2022, 14, 57.	14.4	24
92	Peroxidase-like catalytic activity of copper ions and its application for highly sensitive detection of glypican-3. Analytica Chimica Acta, 2016, 941, 87-93.	2.6	23
93	Water-soluble organic probe for pH sensing and imaging. Talanta, 2019, 205, 120095.	2.9	23
94	DAPK1 as an independent prognostic marker in liver cancer. PeerJ, 2017, 5, e3568.	0.9	23
95	Intrahepatic transplantation of adipose-derived stem cells attenuates the progression of non-alcoholic fatty liver disease in rats. Molecular Medicine Reports, 2015, 12, 3725-3733.	1.1	22
96	Adipose tissue-derived stem cells ameliorate hyperglycemia, insulin resistance and liver fibrosis in the type 2 diabetic rats. Stem Cell Research and Therapy, 2017, 8, 286.	2.4	22
97	CRISPR-Cas12a coupled with terminal deoxynucleotidyl transferase mediated isothermal amplification for sensitive detection of polynucleotide kinase activity. Sensors and Actuators B: Chemical, 2021, 330, 129317.	4.0	22
98	Virus-like mesoporous silica-coated plasmonic Ag nanocube with strong bacteria adhesion for diabetic wound ulcer healing. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 34, 102381.	1.7	22
99	Tracking Cell Viability for Adipose-Derived Mesenchymal Stem Cell-Based Therapy by Quantitative Fluorescence Imaging in the Second Near-Infrared Window. ACS Nano, 2022, 16, 2889-2900.	7.3	22
100	Surface-Engineered Gold Nanoclusters for Stimulated Emission Depletion and Correlated Light and Electron Microscopy Imaging. Analytical Chemistry, 2022, 94, 3056-3064.	3.2	22
101	Comparative analysis of primary hepatocellular carcinoma with single and multiple lesions by iTRAQ-based quantitative proteomics. Journal of Proteomics, 2015, 128, 262-271.	1.2	21
102	The Landscape of Cell-Free HBV Integrations and Mutations in Cirrhosis and Hepatocellular Carcinoma Patients. Clinical Cancer Research, 2021, 27, 3772-3783.	3.2	21
103	Sustained Antitumor Immunity Based on Persistent Luminescence Nanoparticles for Cancer Immunotherapy. Advanced Functional Materials, 2021, 31, 2106884.	7.8	21
104	The influence of house dust mite sublingual immunotherapy on the TSLP-IL4 signaling pathway in patients with allergic rhinitis. International Forum of Allergy and Rhinology, 2016, 6, 862-870.	1.5	20
105	One-pot synthesis of gold nanostars using plant polyphenols for cancer photoacoustic imaging and photothermal therapy. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	20
106	The application of proteomics in different aspects of hepatocellular carcinoma research. Journal of Proteomics, 2016, 145, 70-80.	1.2	20
107	The serum proteomics tracking of hepatocellular carcinoma early recurrence following radical resection. Cancer Management and Research, 2019, Volume 11, 2935-2946.	0.9	20
108	The design of Janus black phosphorus quantum dots@metal-organic nanoparticles for simultaneously enhancing environmental stability and photodynamic therapy efficiency. Materials Chemistry Frontiers, 2019, 3, 656-663.	3.2	19

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109	SPION@Cu ₂ S nanoclusters for highly sensitive MRI and targeted photothermal therapy of hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4119-4129.	2.9	18
110	Magnetite nanocluster and paclitaxel-loaded charge-switchable nano hybrids for MR imaging and chemotherapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 849-857.	2.9	18
111	One-pot synthesis of biodegradable polydopamine-doped mesoporous silica nanocomposites (PMSNs) as pH-sensitive targeting drug nanocarriers for synergistic chemo-photothermal therapy. <i>RSC Advances</i> , 2018, 8, 37433-37440.	1.7	18
112	Clonal evolution in long-term follow-up patients with hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 2862-2870.	2.3	18
113	Developing IR-780 as a Novel Matrix for Enhanced MALDI MS Imaging of Endogenous High-Molecular-Weight Lipids in Brain Tissues. <i>Analytical Chemistry</i> , 2019, 91, 15873-15882.	3.2	18
114	The biobehavior, biocompatibility and theranostic application of SPNS and Pd@Au nanoplates in rats and rabbits. <i>Chemical Science</i> , 2019, 10, 1677-1686.	3.7	18
115	Protein-assisted formation of gold clusters-MnO ₂ nanocomposite for fluorescence imaging of intracellular glutathione. <i>Talanta</i> , 2020, 209, 120524.	2.9	18
116	A highly stable multifunctional aptamer for enhancing antitumor immunity against hepatocellular carcinoma by blocking dual immune checkpoints. <i>Biomaterials Science</i> , 2021, 9, 4159-4168.	2.6	18
117	Personalized neoantigen-based immunotherapy for advanced collecting duct carcinoma: case report. , 2020, 8, e000217.		18
118	Nanoplatfom Self-Assembly from Small Molecules of Porphyrin Derivatives for NIR Fluorescence Imaging Guided Photothermal Immunotherapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102526.	3.9	18
119	Near-Infrared Light Activated Thermosensitive Ion Channel to Remotely Control Transgene System for Thrombolysis Therapy. <i>Small</i> , 2019, 15, e1901176.	5.2	17
120	Genomic and transcriptional Profiling of tumor infiltrated CD8 ⁺ T cells revealed functional heterogeneity of antitumor immunity in hepatocellular carcinoma. <i>Oncot Immunology</i> , 2019, 8, e1538436.	2.1	17
121	Equipping Natural Killer Cells with Specific Targeting and Checkpoint Blocking Aptamers for Enhanced Adoptive Immunotherapy in Solid Tumors. <i>Angewandte Chemie</i> , 2020, 132, 12120-12126.	1.6	17
122	Neoantigen Immunotherapeutic-Gel Combined with TIM-3 Blockade Effectively Restrains Orthotopic Hepatocellular Carcinoma Progression. <i>Nano Letters</i> , 2022, 22, 2048-2058.	4.5	17
123	Long non-coding RNA linc-cdh4-2 inhibits the migration and invasion of HCC cells by targeting R-cadherin pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 348-354.	1.0	16
124	ANXA2 ^{Tyr23} and FLNAs ^{Ser2152} phosphorylation associate with poor prognosis in hepatic carcinoma revealed by quantitative phosphoproteomics analysis. <i>Journal of Proteomics</i> , 2019, 200, 111-122.	1.2	16
125	Rapid and highly sensitive quantification of the anti-tuberculosis agents isoniazid, ethambutol, pyrazinamide, rifampicin and rifabutin in human plasma by UPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113076.	1.4	16
126	±-Methylacyl-CoA racemase (AMACR) serves as a prognostic biomarker for the early recurrence/metastasis of HCC. <i>Journal of Clinical Pathology</i> , 2014, 67, 974-979.	1.0	15

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127	A cancer cell specific targeting nanocomplex for combination of mRNA-responsive photodynamic and chemo-therapy. <i>Chemical Communications</i> , 2017, 53, 9979-9982.	2.2	15
128	Surface modification of TiO ₂ nanosheets with fullerene and zinc-phthalocyanine for enhanced photocatalytic reduction under solar-light irradiation. <i>Science China Materials</i> , 2020, 63, 2251-2260.	3.5	15
129	Moesin facilitates metastasis of hepatocellular carcinoma cells by improving invadopodia formation and activating β -catenin/MMP9 axis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 861-868.	1.0	15
130	A novel long-wavelength off-on fluorescence probe for nitroreductase analysis and hypoxia imaging. <i>Analytica Chimica Acta</i> , 2021, 1144, 76-84.	2.6	15
131	Hybrid Three-Dimensional Spiral WSe ₂ Plasmonic Structures for Highly Efficient Second-Order Nonlinear Parametric Processes. <i>Research</i> , 2018, 2018, 4164029.	2.8	15
132	Adipose tissue-derived stem cells promote the reversion of non-alcoholic fatty liver disease: An in vivo study. <i>International Journal of Molecular Medicine</i> , 2016, 37, 1389-1396.	1.8	14
133	The hepatectomy efficacy of huge hepatocellular carcinoma and its risk factors. <i>Medicine (United) Tj</i> ETQq1 1 0.784314 rgBT/Overlook 0,4 14	0.4	14
134	Gadolinium-doped hollow CeO ₂ -ZrO ₂ nanoplatfrom as multifunctional MRI/CT dual-modal imaging agent and drug delivery vehicle. <i>Drug Delivery</i> , 2018, 25, 353-363.	2.5	14
135	<p>Not All Hepatocellular Carcinoma Patients with Microvascular Invasion After R0 Resection Could Be Benefited from Prophylactic Transarterial Chemoembolization: A Propensity Score Matching Study</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 3815-3825.	0.9	14
136	Tumor Microenvironment Triggered Cascadeâ€ Activation Nanoplatform for Synergistic and Precise Treatment of Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002036.	3.9	14
137	Synthetic Biology in Chimeric Antigen Receptor T (CAR T) Cell Engineering. <i>ACS Synthetic Biology</i> , 2022, 11, 1-15.	1.9	14
138	Folic acid-conjugated gold nanorod@polypyrrole@Fe ₃ O ₄ nanocomposites for targeted MR/CT/PA multimodal imaging and chemo-photothermal therapy. <i>RSC Advances</i> , 2019, 9, 18874-18887.	1.7	13
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