

Xiao-Long Liu

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

7,150
citations

57631

44
h-index

85405

71
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196
all docs

196
docs citations

196
times ranked

8747
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Biology in Chimeric Antigen Receptor T (CAR T) Cell Engineering. ACS Synthetic Biology, 2022, 11, 1-15.	1.9	14
2	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
3	Copy number profiling of circulating free DNA predicts transarterial chemoembolization response in advanced hepatocellular carcinoma. Molecular Oncology, 2022, 16, 1986-1999.	2.1	4
4	CD16/PD-L1 bi-specific aptamer for cancer immunotherapy through recruiting NK cells and acting as immun checkpoints blockade. Molecular Therapy - Nucleic Acids, 2022, 27, 998-1009.	2.3	10
5	Neoantigen Immunotherapeutic-Gel Combined with TIM-3 Blockade Effectively Restrains Orthotopic Hepatocellular Carcinoma Progression. Nano Letters, 2022, 22, 2048-2058.	4.5	17
6	Nanoplatfom Self-Assembly from Small Molecules of Porphyrin Derivatives for NIR-Fluorescence Imaging Guided Photothermal Immunotherapy. Advanced Healthcare Materials, 2022, 11, e2102526.	3.9	18
7	Red Blood Cell-Mimic Nanocatalyst Triggering Radical Storm to Augment Cancer Immunotherapy. Nano-Micro Letters, 2022, 14, 57.	14.4	24
8	Far-Red Light Triggered Production of Bispecific T Cell Engagers (BiTEs) from Engineered Cells for Antitumor Application. ACS Synthetic Biology, 2022, , .	1.9	1
9	Surface-Engineered Gold Nanoclusters for Stimulated Emission Depletion and Correlated Light and Electron Microscopy Imaging. Analytical Chemistry, 2022, 94, 3056-3064.	3.2	22
10	Remodeling Tumor-Associated Neutrophils to Enhance Dendritic Cell-Based HCC Neoantigen Nano-Vaccine Efficiency. Advanced Science, 2022, 9, e2105631.	5.6	51
11	Exploiting Photoelectric Activities and Piezoelectric Properties of NaNbO ₃ Semiconductors for Point-of-Care Immunoassay. Analytical Chemistry, 2022, 94, 3418-3426.	3.2	151
12	Biodegradable Nanoprobe for NIR-Fluorescence Image-Guided Surgery and Enhanced Breast Cancer Radiotherapy Efficacy. Advanced Science, 2022, 9, e2104728.	5.6	35
13	Liposome-Mediated <i>In Situ</i> Formation of Type-I Heterojunction for Amplified Photoelectrochemical Immunoassay. Analytical Chemistry, 2022, 94, 4859-4865.	3.2	176
14	Development and evaluation of a new test kit for determination of immunosuppressants in blood by UHPLC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2022, 215, 114756.	1.4	0
15	Natural Killer Cell Membrane-Cloaked Virus-Mimicking Nanogenerator with NIR-Triggered Shape Reversal and C/C-OH Storm for Synergistic Thermodynamic-Chemodynamic Therapy. Advanced Science, 2022, 9, e2103498.	5.6	29
16	Tumor Microenvironment-Responsive Yolk-Shell NaCl@Virus-Inspired Tetrasulfide-Organosilica for Ion-Interference Therapy via Osmolarity Surge and Oxidative Stress Amplification. ACS Nano, 2022, 16, 7380-7397.	7.3	25
17	Gold-seaurchin based immunomodulator enabling photothermal intervention and CD16 transfection to boost NK cell adoptive immunotherapy. Acta Biomaterialia, 2022, 146, 406-420.	4.1	9
18	Liposome-Embedded Cu ₂ S@Ag ₂ S Nanoparticle-Mediated Photothermal Immunoassay for Daily Monitoring of cTnI Protein Using a Portable Thermal Imager. Analytical Chemistry, 2022, 94, 7408-7416.	3.2	61

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19	Biosynthetic cell membrane vesicles to enhance TRAIL-mediated apoptosis driven by photo-triggered oxidative stress. <i>Biomaterials Science</i> , 2022, 10, 3547-3558.	2.6	3
20	Integrated Photothermal-Pyroelectric Biosensor for Rapid and Point-of-Care Diagnosis of Acute Myocardial Infarction: A Convergence of Theoretical Research and Commercialization. <i>Small</i> , 2022, 18, .	5.2	28
21	Comparison of sample preparation methods, validation of an UPLC-MS/MS procedure for the quantification of cyclosporine A in whole blood sample. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113672.	1.4	3
22	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
23	CRISPR-Cas12a coupled with terminal deoxynucleotidyl transferase mediated isothermal amplification for sensitive detection of polynucleotide kinase activity. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129317.	4.0	22
24	Profiling of hepatocellular carcinoma neoantigens reveals immune microenvironment and clonal evolution related patterns. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2021, 33, 364-378.	0.7	11
25	A remotely controlled NIR-II photothermal-sensitive transgene system for hepatocellular carcinoma synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5083-5091.	2.9	13
26	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
27	Cytosolic Delivery of Thiolated Neoantigen NanoVaccine Combined with Immune Checkpoint Blockade to Boost Anti-Cancer T Cell Immunity. <i>Advanced Science</i> , 2021, 8, 2003504.	5.6	34
28	Redirecting natural killer cells to potentiate adoptive immunotherapy in solid tumors through stabilized Y-type bispecific aptamer. <i>Nanoscale</i> , 2021, 13, 11279-11288.	2.8	11
29	Enhancing therapeutic effects and <i>in vivo</i> tracking of adipose tissue-derived mesenchymal stem cells for liver injury using bioorthogonal click chemistry. <i>Nanoscale</i> , 2021, 13, 1813-1822.	2.8	13
30	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
31	Tumor Microenvironment Triggered Cascade Activation Nanoplatfrom for Synergistic and Precise Treatment of Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002036.	3.9	14
32	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
33	Quantitative Secretome Analysis Reveals Clinical Values of Carbonic Anhydrase II in Hepatocellular Carcinoma. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 94-107.	3.0	6
34	Cytosolic Delivery of Thiolated Mn-GAMP Nanovaccine to Enhance the Antitumor Immune Responses. <i>Small</i> , 2021, 17, e2006970.	5.2	38
35	Emerging nanotechnological strategies to reshape tumor microenvironment for enhanced therapeutic outcomes of cancer immunotherapy. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 042001.	1.7	6
36	Development of Prognostic Evaluation Model to Predict the Overall Survival and Early Recurrence of Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 301-312.	1.8	1

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37	Growing Human Hepatocellular Tumors Undergo a Global Metabolic Reprogramming. <i>Cancers</i> , 2021, 13, 1980.	1.7	9
38	The Landscape of Cell-Free HBV Integrations and Mutations in Cirrhosis and Hepatocellular Carcinoma Patients. <i>Clinical Cancer Research</i> , 2021, 27, 3772-3783.	3.2	21
39	Virus-like mesoporous silica-coated plasmonic Ag nanocube with strong bacteria adhesion for diabetic wound ulcer healing. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 34, 102381.	1.7	22
40	Accurate transcriptome assembly by Nanopore RNA sequencing reveals novel functional transcripts in hepatocellular carcinoma. <i>Cancer Science</i> , 2021, 112, 3555-3568.	1.7	6
41	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
42	A combined Cox and logistic model provides accurate predictive performance in estimation of time-dependent probabilities for recurrence of intrahepatic cholangiocarcinoma after resection. <i>Hepatobiliary Surgery and Nutrition</i> , 2021, 10, 464-475.	0.7	7
43	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-Fluorescence Imaging. <i>Angewandte Chemie</i> , 2021, 133, 21056-21064.	1.6	10
44	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
45	Chemiluminescence-Derived Self-Powered Photoelectrochemical Immunoassay for Detecting a Low-Abundance Disease-Related Protein. <i>Analytical Chemistry</i> , 2021, 93, 13389-13397.	3.2	118
46	Sustained Antitumor Immunity Based on Persistent Luminescence Nanoparticles for Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2106884.	7.8	21
47	Pressure-Based Immunoassays with Versatile Electronic Sensors for Carcinoembryonic Antigen Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46440-46450.	4.0	34
48	Chiral Hybrid Perovskite Single-Crystal Nanowire Arrays for High-Performance Circularly Polarized Light Detection. <i>Advanced Science</i> , 2021, 8, e2102065.	5.6	34
49	Low-dose exposure to black carbon significantly increase lung injury of cadmium by promoting cellular apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112703.	2.9	11
50	CRISPR/Cas12a-mediated liposome-amplified strategy for the photoelectrochemical detection of nucleic acid. <i>Chemical Communications</i> , 2021, 57, 8977-8980.	2.2	87
51	Pressure-Based Biosensor Integrated with a Flexible Pressure Sensor and an Electrochromic Device for Visual Detection. <i>Analytical Chemistry</i> , 2021, 93, 2916-2925.	3.2	181
52	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
53	Thermally Activated Lasing in Organic Microcrystals toward Laser Displays. <i>Journal of the American Chemical Society</i> , 2021, 143, 20249-20255.	6.6	29
54	Personalized neoantigen vaccine prevents postoperative recurrence in hepatocellular carcinoma patients with vascular invasion. <i>Molecular Cancer</i> , 2021, 20, 164.	7.9	44

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55	An integrative pan-cancer analysis of biological and clinical impacts underlying ubiquitin-specific-processing proteases. <i>Oncogene</i> , 2020, 39, 587-602.	2.6	11
56	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
57	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
58	Protein-assisted formation of gold clusters-MnO ₂ nanocomposite for fluorescence imaging of intracellular glutathione. <i>Talanta</i> , 2020, 209, 120524.	2.9	18
59	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. <i>Advanced Healthcare Materials</i> , 2020, 9, e1900996.	3.9	117
60	Ku80 negatively regulates the expression of OCT4 via competitive binding to SALL4 and promoting lysosomal degradation of OCT4. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 118, 105664.	1.2	3
61	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
62	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
63	Mesenchymal stromal cell therapies: immunomodulatory properties and clinical progress. <i>Stem Cell Research and Therapy</i> , 2020, 11, 345.	2.4	158
64	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
65	Molecularly Engineered Strong Metal Oxide Support Interaction Enables Highly Efficient and Stable CO ₂ Electroreduction. <i>ACS Catalysis</i> , 2020, 10, 13227-13235.	5.5	94
66	A near-infrared turn-on fluorescence probe for glutathione detection based on nanocomposites of semiconducting polymer dots and MnO ₂ nanosheets. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 8167-8176.	1.9	13
67	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
68	A thieno-isoindigo derivative-based conjugated polymer nanoparticle for photothermal therapy in the NIR-II bio-window. <i>Nanoscale</i> , 2020, 12, 19665-19672.	2.8	34
69	Platinum Nanozyme-Triggered Pressure-Based Immunoassay Using a Three-Dimensional Polypyrrole Foam-Based Flexible Pressure Sensor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40133-40140.	4.0	123
70	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
71	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
72	Proteomic analyses reveal divergent ubiquitylation patterns in hepatocellular carcinoma cell lines with different metastasis potential. <i>Journal of Proteomics</i> , 2020, 225, 103834.	1.2	9

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73	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
74	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
75	<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
76	Wettabilityâ€Guided Screen Printing of Perovskite Microlaser Arrays for Currentâ€Driven Displays. <i>Advanced Materials</i> , 2020, 32, e2001999.	11.1	66
77	Genomic and Transcriptomic Landscape of Tumor Clonal Evolution in Cholangiocarcinoma. <i>Frontiers in Genetics</i> , 2020, 11, 195.	1.1	4
78	Equipping Natural Killer Cells with Specific Targeting and Checkpoint Blocking Aptamers for Enhanced Adoptive Immunotherapy in Solid Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12022-12028.	7.2	114
79	HIF-1Î± 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
80	Converting Immune Cold into Hot by Biosynthetic Functional Vesicles to Boost Systematic Antitumor Immunity. <i>IScience</i> , 2020, 23, 101341.	1.9	34
81	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
82	Moesin facilitates metastasis of hepatocellular carcinoma cells by improving invadopodia formation and activating Î²-catenin/MMP9 axis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 861-868.	1.0	15
83	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
84	Hepatic fibrinogen storage disease and hypofibrinogenemia caused by fibrinogen Aguadilla mutation: a case report. <i>Journal of International Medical Research</i> , 2020, 48, 030006051989803.	0.4	7
85	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
86	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
87	Personalized neoantigen-based immunotherapy for advanced collecting duct carcinoma: case report. , 2020, 8, e000217.		18
88	Deathâ€associated protein kinase 1 suppresses hepatocellular carcinoma cell migration and invasion by upregulation of DEADâ€box helicase 20. <i>Cancer Science</i> , 2020, 111, 2803-2813.	1.7	13
89	Lead-free thermochromic perovskites with tunable transition temperatures for smart window applications. <i>Science China Chemistry</i> , 2019, 62, 1257-1262.	4.2	39
90	Sensitive fluorometric determination of glutathione using fluorescent polymer dots and the dopamine-melanin nanosystem. <i>Mikrochimica Acta</i> , 2019, 186, 568.	2.5	9

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91	Periodicity of Quadrilateral Tetra-Atomic Molecules. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6652-6659.	1.1	1
92	Water-soluble organic probe for pH sensing and imaging. <i>Talanta</i> , 2019, 205, 120095.	2.9	23
93	Dual sensing of glutathione and acidic pH values by using MnO ₂ nanosheets and 3-acetyl-7-hydroxy-2H-chromen-2-one as a fluorescent pH probe. <i>Mikrochimica Acta</i> , 2019, 186, 491.	2.5	8
94	Tumor Microenvironment Responsive Shape-Reversal Self-Targeting Virus-Inspired Nanodrug for Imaging-Guided Near-Infrared-II Photothermal Chemotherapy. <i>ACS Nano</i> , 2019, 13, 12912-12928.	7.3	118
95	Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immuno-therapy Efficiency of Solid Tumors. <i>Small</i> , 2019, 15, e1902636.	5.2	43
96	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
97	Dataset for quantitative phospho-proteomics analysis of a serial hepatoma cell lines with increasing invasion and metastasis potential. <i>Data in Brief</i> , 2019, 27, 104634.	0.5	0
98	Immunotherapy: Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immuno-therapy Efficiency of Solid Tumors (Small) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 5	5.2	43
99	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
100	Tuning wettability of molten lithium via a chemical strategy for lithium metal anodes. <i>Nature Communications</i> , 2019, 10, 4930.	5.8	181
101	Highly efficient redox reaction between potassium permanganate and 3,3,5,5-tetramethylbenzidine for application in hydrogen peroxide based colorimetric assays. <i>RSC Advances</i> , 2019, 9, 1889-1894.	1.7	12
102	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
103	<p>The serum proteomics tracking of hepatocellular carcinoma early recurrence following radical resection</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 2935-2946.	0.9	20
104	Comprehensive Liquid Profiling of Circulating Tumor DNA and Protein Biomarkers in Long-Term Follow-Up Patients with Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2019, 25, 5284-5294.	3.2	90
105	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
106	Application of PD-1 Blockade in Cancer Immunotherapy. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 661-674.	1.9	333
107	Prognostic Value of MicroRNA-497 in Various Cancers: A Systematic Review and Meta-Analysis. <i>Disease Markers</i> , 2019, 2019, 1-9.	0.6	11
108	Near-Infrared Light Activated Thermosensitive Ion Channel to Remotely Control Transgene System for Thrombolysis Therapy. <i>Small</i> , 2019, 15, e1901176.	5.2	17

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109	An Optogenetic Controllable T Cell System for Hepatocellular Carcinoma Immunotherapy. <i>Theranostics</i> , 2019, 9, 1837-1850.	4.6	33
110	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
111	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
112	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
113	The design of Janus black phosphorus quantum dots@metal-organic nanoparticles for simultaneously enhancing environmental stability and photodynamic therapy efficiency. <i>Materials Chemistry Frontiers</i> , 2019, 3, 656-663.	3.2	19
114	FGG promotes migration and invasion in hepatocellular carcinoma cells through activating epithelial to mesenchymal transition. <i>Cancer Management and Research</i> , 2019, Volume 11, 1653-1665.	0.9	28
115	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
116	A novel empirical method for quickly estimating the charge-transfer state of fullerene-donor derivatives. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24291-24295.	1.3	4
117	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
118	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
119	Metabolomics profiling of metformin-mediated metabolic reprogramming bypassing AMPK. <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 18-29.	1.5	30
120	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
121	Integrating phosphoproteomics into kinase-targeted cancer therapies in precision medicine. <i>Journal of Proteomics</i> , 2019, 191, 68-79.	1.2	30
122	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
123	Polydopamine-assisted versatile modification of a nucleic acid probe for intracellular microRNA imaging and enhanced photothermal therapy. <i>RSC Advances</i> , 2018, 8, 6781-6788.	1.7	7
124	Gadolinium-doped hollow CeO ₂ -ZrO ₂ nanoplatform as multifunctional MRI/CT dual-modal imaging agent and drug delivery vehicle. <i>Drug Delivery</i> , 2018, 25, 353-363.	2.5	14
125	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
126	Reduction/photo dual-responsive polymeric prodrug nanoparticles for programmed siRNA and doxorubicin delivery. <i>Biomaterials Science</i> , 2018, 6, 1457-1468.	2.6	51

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127	Semiconducting polymer-based nanoparticles for photothermal therapy at the second near-infrared window. <i>Chemical Communications</i> , 2018, 54, 13599-13602.	2.2	47
128	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
129	Facile preparation of biocompatible TiO ₂ /TiO ₃ nanoparticles for second near-infrared window photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7889-7897.	2.9	25
130	A MnO ₂ nanosheets@N-phenylenediamine oxidative system for the sensitive fluorescence determination of alkaline phosphatase activity. <i>Analytical Methods</i> , 2018, 10, 5341-5346.	1.3	10
131	Suppressing Nonradiative Processes of Organic Dye with Metal-Organic Framework Encapsulation toward Near-Infrared Solid-State Microlasers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35455-35461.	4.0	33
132	A novel transcription factor Rwdd1 and its SUMOylation inhibit the expression of sqr, a key gene of mitochondrial sulfide metabolism in <i>Urechis unicinctus</i> . <i>Aquatic Toxicology</i> , 2018, 204, 180-189.	1.9	8
133	Clonal evolution in long-term follow-up patients with hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 2862-2870.	2.3	18
134	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
135	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
136	Photo-responsive hollow silica nanoparticles for light-triggered genetic and photodynamic synergistic therapy. <i>Acta Biomaterialia</i> , 2018, 76, 178-192.	4.1	30
137	Comparative proteomics of side population cells derived from human hepatocellular carcinoma cell lines with varying metastatic potentials. <i>Oncology Letters</i> , 2018, 16, 335-345.	0.8	8
138	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
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