

# Qi Lei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/596626/publications.pdf>

Version: 2024-02-01

72  
papers

5,927  
citations

66343

42  
h-index

85541

71  
g-index

73  
all docs

73  
docs citations

73  
times ranked

7832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust and Long-Term Cellular Protein and Enzymatic Activity Preservation in Biomineralized Mammalian Cells. <i>ACS Nano</i> , 2022, 16, 2164-2175.	14.6	13
2	Microneedle Patches Integrated with Biomineralized Melanin Nanoparticles for Simultaneous Skin Tumor Photothermal Therapy and Wound Healing. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	63
3	Living Cell Nanoporation and Exosomal RNA Analysis Platform for Real-Time Assessment of Cellular Therapies. <i>Journal of the American Chemical Society</i> , 2022, 144, 9443-9450.	13.7	9
4	Modular Assembly of Red Blood Cell Superstructures from Metal-Organic Framework Nanoparticle-Based Building Blocks. <i>Advanced Functional Materials</i> , 2021, 31, 2005935.	14.9	28
5	Synthesis of Polyhedral Metal-Organic Framework@Mesoporous Silica Hybrid Nanocomposites with Branched Shapes. <i>ACS Applied Bio Materials</i> , 2021, 4, 1221-1228.	4.6	4
6	Artificial Bioaugmentation of Biomacromolecules and Living Organisms for Biomedical Applications. <i>ACS Nano</i> , 2021, 15, 3900-3926.	14.6	28
7	Bioinspired Cell Silicification: From Extracellular to Intracellular. <i>Journal of the American Chemical Society</i> , 2021, 143, 6305-6322.	13.7	32
8	Advanced Nanomaterials-Assisted Cell Cryopreservation: A Mini Review. <i>ACS Applied Bio Materials</i> , 2021, 4, 2996-3014.	4.6	16
9	Engineering Living Bacteria for Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 8136-8145.	4.6	18
10	Recent advances on peptide-based theranostic nanomaterials. <i>View</i> , 2020, 1, 20200050.	5.3	24
11	Biomimetic Rebuilding of Multifunctional Red Blood Cells: Modular Design Using Functional Components. <i>ACS Nano</i> , 2020, 14, 7847-7859.	14.6	67
12	Recent advances in photonanomedicines for enhanced cancer photodynamic therapy. <i>Progress in Materials Science</i> , 2020, 114, 100685.	32.8	128
13	Sol-Gel-Based Advanced Porous Silica Materials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2020, 30, 1909539.	14.9	125
14	Combinational strategy for high-performance cancer chemotherapy. <i>Biomaterials</i> , 2018, 171, 178-197.	11.4	181
15	Overcoming the Heat Endurance of Tumor Cells by Interfering with the Anaerobic Glycolysis Metabolism for Improved Photothermal Therapy. <i>ACS Nano</i> , 2017, 11, 1419-1431.	14.6	284
16	ACPI Conjugated Gold Nanorods as Nanoplatform for Dual Image Guided Activatable Photodynamic and Photothermal Combined Therapy In Vivo. <i>Small</i> , 2017, 13, 1603956.	10.0	57
17	A positive feedback strategy for enhanced chemotherapy based on ROS-triggered self-accelerating drug release nanosystem. <i>Biomaterials</i> , 2017, 128, 136-146.	11.4	102
18	Mitochondria-targeting Nanoheater for enhanced photothermal/chemo-therapy. <i>Biomaterials</i> , 2017, 117, 92-104.	11.4	143

#	ARTICLE	IF	CITATIONS
19	Switching Apoptosis to Ferroptosis: Metal-Organic Network for High-Efficiency Anticancer Therapy. <i>Nano Letters</i> , 2017, 17, 284-291.	9.1	359
20	Propelled Transnuclear Gene Transport Achieved through Intracellularly Redox-Responsive and Acidity-Accelerative Decomposition of Supramolecular Fluorescence-Quenchable Vectors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 255-265.	8.0	17
21	Mesoporous silica-based versatile theranostic nanoplatform constructed by layer-by-layer assembly for excellent photodynamic/chemo therapy. <i>Biomaterials</i> , 2017, 117, 54-65.	11.4	179
22	Photocatalyzing CO <sub>2</sub> to CO for Enhanced Cancer Therapy. <i>Advanced Materials</i> , 2017, 29, 1703822.	21.0	122
23	Versatile Supramolecular Inclusion Complex Based on Host-Guest Interaction for Targeted Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 42622-42632.	8.0	13
24	Stimuli-Responsive "Cluster Bomb" for Programmed Tumor Therapy. <i>ACS Nano</i> , 2017, 11, 7201-7214.	14.6	145
25	A two-photon fluorescent probe for exogenous and endogenous superoxide anion imaging in vitro and in vivo. <i>Biosensors and Bioelectronics</i> , 2017, 87, 73-80.	10.1	66
26	Gold Nanocluster Decorated Polypeptide/DNA Complexes for NIR Light and Redox Dual-Responsive Gene Transfection. <i>Molecules</i> , 2016, 21, 1103.	3.8	13
27	Tumor Targeting: Programmed Nanococktail for Intracellular Cascade Reaction Regulating Self-Synergistic Tumor Targeting Therapy ( <i>Small</i> 6/2016). <i>Small</i> , 2016, 12, 828-828.	10.0	4
28	Programmed Nanococktail for Intracellular Cascade Reaction Regulating Self-Synergistic Tumor Targeting Therapy. <i>Small</i> , 2016, 12, 733-744.	10.0	47
29	Fabrication of dual responsive co-delivery system based on three-armed peptides for tumor therapy. <i>Biomaterials</i> , 2016, 92, 25-35.	11.4	44
30	Hydrogen peroxide detection with high specificity in living cells and inflamed tissues. <i>International Journal of Energy Production and Management</i> , 2016, 3, 217-222.	3.7	16
31	Cucurbit[8]uril Regulated Activatable Supramolecular Photosensitizer for Targeted Cancer Imaging and Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22892-22899.	8.0	73
32	Tumor-Triggered Drug Release with Tumor-Targeted Accumulation and Elevated Drug Retention To Overcome Multidrug Resistance. <i>Chemistry of Materials</i> , 2016, 28, 6742-6752.	6.7	61
33	Carbon-Dot-Decorated Carbon Nitride Nanoparticles for Enhanced Photodynamic Therapy against Hypoxic Tumor <i>via</i> Water Splitting. <i>ACS Nano</i> , 2016, 10, 8715-8722.	14.6	567
34	An O <sub>2</sub> Self-Sufficient Biomimetic Nanoplatform for Highly Specific and Efficient Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 7847-7860.	14.9	305
35	Multifunctional Mesoporous Silica Nanoparticles with Thermal-Responsive Gatekeeper for NIR Light-Triggered Chemo/Photothermal Therapy. <i>Small</i> , 2016, 12, 4286-4298.	10.0	146
36	A Triple-Collaborative Strategy for High-Performance Tumor Therapy by Multifunctional Mesoporous Silica-Coated Gold Nanorods. <i>Advanced Functional Materials</i> , 2016, 26, 4339-4350.	14.9	150

#	ARTICLE	IF	CITATIONS
37	Highly Integrated Nano-Platform for Breaking the Barrier between Chemotherapy and Immunotherapy. Nano Letters, 2016, 16, 4341-4347.	9.1	96
38	Acidity-Triggered Tumor-Targeted Chimeric Peptide for Enhanced Intra-Nuclear Photodynamic Therapy. Advanced Functional Materials, 2016, 26, 4351-4361.	14.9	122
39	A surface charge-switchable and folate modified system for co-delivery of proapoptosis peptide and p53 plasmid in cancer therapy. Biomaterials, 2016, 77, 149-163.	11.4	86
40	Rational design of multifunctional magnetic mesoporous silica nanoparticle for tumor-targeted magnetic resonance imaging and precise therapy. Biomaterials, 2016, 76, 87-101.	11.4	122
41	A Two-Photon Excitation Based Fluorogenic Probe for Sialome Imaging in Living Systems. Advanced Science, 2016, 3, 1500211.	11.2	8
42	Cancer Treatment: Dual-Stage-Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy (Adv. Funct. Mater. 20/2015). Advanced Functional Materials, 2015, 25, 2942-2942.	14.9	0
43	Multifunctional Theranostic Nanoplatform for Cancer Combined Therapy Based on Gold Nanorods. Advanced Healthcare Materials, 2015, 4, 2247-2259.	7.6	68
44	Bioinspired Nano-Prodrug with Enhanced Tumor Targeting and Increased Therapeutic Efficiency. Small, 2015, 11, 5230-5242.	10.0	34
45	Efficient nuclear drug translocation and improved drug efficacy mediated by acidity-responsive boronate-linked dextran/cholesterol nanoassembly. Biomaterials, 2015, 52, 281-290.	11.4	61
46	Long-term thiol monitoring in living cells using bioorthogonal chemistry. Chemical Communications, 2015, 51, 388-390.	4.1	12
47	A Tumor Targeted Chimeric Peptide for Synergistic Endosomal Escape and Therapy by Dual-Stage Light Manipulation. Advanced Functional Materials, 2015, 25, 1248-1257.	14.9	103
48	Rational Design of Multifunctional Gold Nanoparticles via Host-Guest Interaction for Cancer-Targeted Therapy. ACS Applied Materials & Interfaces, 2015, 7, 17171-17180.	8.0	50
49	Activable Cell-Penetrating Peptide Conjugated Prodrug for Tumor Targeted Drug Delivery. ACS Applied Materials & Interfaces, 2015, 7, 16061-16069.	8.0	84
50	An injectable and fast-degradable poly(ethylene glycol) hydrogel fabricated via bioorthogonal strain-promoted azide-alkyne cycloaddition click chemistry. Soft Matter, 2015, 11, 6029-6036.	2.7	53
51	Dual-Stage-Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy. Advanced Functional Materials, 2015, 25, 2961-2971.	14.9	205
52	Host-Guest Interaction-Based Self-Engineering of Nano-Sized Vesicles for Co-Delivery of Genes and Anticancer Drugs. ACS Applied Materials & Interfaces, 2015, 7, 22084-22094.	8.0	60
53	Virus-Surface-Mimicking Surface Clustering of AuNPs onto DNA-Entrapped Polymeric Nanoparticle for Enhanced Cellular Internalization and Nanocluster-Induced NIR Photothermal Therapy. Advanced Science, 2015, 2, 1500108.	11.2	25
54	A Facile Multifunctionalized Gene Delivery Platform Based on $\beta$ , $\gamma$ -Cyclodextrin Dimers. ACS Biomaterials Science and Engineering, 2015, 1, 1151-1162.	5.2	8

#	ARTICLE	IF	CITATIONS
55	Ratiometric Biosensor for Aggregation-Induced Emission-Guided Precise Photodynamic Therapy. ACS Nano, 2015, 9, 10268-10277.	14.6	207
56	Supramolecular theranostic capsules for pH-sensitive magnetic resonance imaging and multi-responsive drug delivery. Journal of Materials Chemistry B, 2015, 3, 8499-8507.	5.8	10
57	MMP-2 responsive polymeric micelles for cancer-targeted intracellular drug delivery. Chemical Communications, 2015, 51, 465-468.	4.1	104
58	Adjustable nanofibers self-assembled from an irregular conformational peptide amphiphile. Polymer Chemistry, 2015, 6, 519-524.	3.9	21
59	Fabrication of Novel Reduction-sensitive Gene Vectors Based on Threemed Peptides. Macromolecular Bioscience, 2014, 14, 546-556.	4.1	11
60	Utilization of H-bond interaction of nucleobase Uralic with antitumor methotrexate to design drug carrier with ultrahigh loading efficiency and pH-responsive drug release. International Journal of Energy Production and Management, 2014, 1, 27-35.	3.7	16
61	Cancer-targeted functional gold nanoparticles for apoptosis induction and real-time imaging based on FRET. Nanoscale, 2014, 6, 9531.	5.6	35
62	Self-Assembly of Hybridized Peptide Nucleic Acid Amphiphiles. ACS Macro Letters, 2014, 3, 467-471.	4.8	20
63	Stepwise-Acid-Active Multifunctional Mesoporous Silica Nanoparticles for Tumor-Specific Nucleus-Targeted Drug Delivery. ACS Applied Materials & Interfaces, 2014, 6, 14568-14575.	8.0	52
64	Multifunctional Enveloped Mesoporous Silica Nanoparticles for Subcellular Co-delivery of Drug and Therapeutic Peptide. Scientific Reports, 2014, 4, 6064.	3.3	145
65	Therapeutic nanomedicine based on dual-intelligent functionalized gold nanoparticles for cancer imaging and therapy in vivo. Biomaterials, 2013, 34, 8798-8807.	11.4	118
66	Oligoamines grafted hyperbranched polyether as high efficient and serum-tolerant gene vectors. Colloids and Surfaces B: Biointerfaces, 2013, 111, 732-740.	5.0	9
67	Dual-Targeting Pro-apoptotic Peptide for Programmed Cancer Cell Death via Specific Mitochondria Damage. Scientific Reports, 2013, 3, 3468.	3.3	85
68	Synergistic gene and drug tumor therapy using a chimeric peptide. Biomaterials, 2013, 34, 4680-4689.	11.4	105
69	Bioreducible Polypeptide Containing Cell-Penetrating Sequence for Efficient Gene Delivery. Pharmaceutical Research, 2013, 30, 1968-1978.	3.5	21
70	Controlled Arrays of Self-Assembled Peptide Nanostructures in Solution and at Interface. Langmuir, 2013, 29, 6996-7004.	3.5	11
71	Reduction-sensitive polypeptides incorporated with nuclear localization signal sequences for enhanced gene delivery. Journal of Materials Chemistry, 2012, 22, 13591.	6.7	16
72	Encapsulation of an Adamantane-Doxorubicin Prodrug in pH-Responsive Polysaccharide Capsules for Controlled Release. ACS Applied Materials & Interfaces, 2012, 4, 5317-5324.	8.0	95