

Quanshun Li

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,000
citations

218677

26
h-index

168389

53
g-index

88
all docs

88
docs citations

88
times ranked

4573
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome editing of PD-L1 mediated by nucleobase-modified polyamidoamine for cancer immunotherapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1291-1300.	5.8	6
2	Optically-manipulated multiaddressable all-ESIPT fluorescence nanomicelles prepared using a single fluorophore. <i>Journal of Materials Chemistry C</i> , 2022, 10, 840-845.	5.5	2
3	Immobilization of thermophilic lipase in inorganic hybrid nanoflower through biomimetic mineralization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111450.	5.0	23
4	N-Isopropylacrylamide-modified polyethylenimine-mediated miR-29a delivery to inhibit the proliferation and migration of lung cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 198, 111463.	5.0	14
5	Immobilized enzymes in inorganic hybrid nanoflowers for biocatalytic and biosensing applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7597-7607.	5.8	27
6	Urate oxidase loaded in PCN-222(Fe) with peroxidase-like activity for colorimetric detection of uric acid. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6811-6817.	5.8	25
7	Fluoropolymer-Mediated Intracellular Delivery of miR-23b for the Osteocyte Differentiation in Osteoblasts. <i>Macromolecular Bioscience</i> , 2021, 21, e2100024.	4.1	3
8	Nucleolin-Targeting AS1411 Aptamer-Modified Micelle for the Co-Delivery of Doxorubicin and miR-519c to Improve the Therapeutic Efficacy in Hepatocellular Carcinoma Treatment. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2569-2584.	6.7	21
9	Lipoic Acid-Modified Oligoethyleneimine-Mediated miR-34a Delivery to Achieve the Anti-Tumor Efficacy. <i>Molecules</i> , 2021, 26, 4827.	3.8	3
10	Dual ATP/reduction-responsive polyplex to achieve the co-delivery of doxorubicin and miR-23b for the cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111955.	5.0	4
11	Artesunate-loaded porous PLGA microsphere as a pulmonary delivery system for the treatment of non-small cell lung cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111937.	5.0	16
12	Reactive Oxygen Species-Mediated Inflammation and Apoptosis in Hand-Foot Syndrome Induced by PEGylated Liposomal Doxorubicin. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 471-480.	6.7	14
13	Phenylboronic Acid-Modified Polyamidoamine Mediated the Transfection of Polo-Like Kinase-1 siRNA to Achieve an Anti-Tumor Efficacy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8037-8048.	6.7	2
14	Immobilization of urease in metal-organic frameworks via biomimetic mineralization and its application in urea degradation. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2173-2180.	3.5	13
15	Immobilized lipase in bio-based metal-organic frameworks constructed by biomimetic mineralization: A sustainable biocatalyst for biodiesel synthesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110812.	5.0	67
16	A genipin-crosslinked protein-polymer hybrid system for the intracellular delivery of ribonuclease A. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7389-7398.	6.7	6
17	Inhibition of proliferation and migration of tumor cells through phenylboronic acid-functionalized polyamidoamine-mediated delivery of a therapeutic DNAzyme Dz13. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6371-6385.	6.7	8
18	Phenylboronic acid-functionalized polyamidoamine-mediated miR-34a delivery for the treatment of gastric cancer. <i>Biomaterials Science</i> , 2019, 7, 1632-1642.	5.4	28

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19	Inhibition of proliferation and migration of tumor cells through lipoic acid-modified oligoethylenimine-mediated p53 gene delivery. <i>New Journal of Chemistry</i> , 2019, 43, 2758-2765.	2.8	2
20	Povidone-iodine-functionalized fluorinated copolymers with dual-functional antibacterial and antifouling activities. <i>Biomaterials Science</i> , 2019, 7, 3334-3347.	5.4	39
21	Phenylboronic acid-modified polyamidoamine-mediated delivery of short GC rich DNA for hepatocarcinoma gene therapy. <i>Biomaterials Science</i> , 2019, 7, 3348-3358.	5.4	13
22	A chemoenzymatically synthesized cholesterol-g-poly(amine-co-ester)-mediated p53 gene delivery for achieving antitumor efficacy in prostate cancer. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1149-1161.	6.7	4
23	Antibacterial Povidone-Iodine-Conjugated Cross-Linked Polystyrene Resin for Water Bacterial Decontamination. <i>ACS Applied Bio Materials</i> , 2019, 2, 1310-1321.	4.6	15
24	Nano-Scaled Zeolitic Imidazole Framework-8 as an Efficient Carrier for the Intracellular Delivery of RNase A in Cancer Treatment. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9971-9981.	6.7	21
25	A comprehensive review on histone-mediated transfection for gene therapy. <i>Biotechnology Advances</i> , 2019, 37, 132-144.	11.7	11
26	A peroxidase mimic with atom transfer radical polymerization activity constructed through the grafting of heme onto metal-organic frameworks. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 62-68.	9.4	7
27	Phenol degradation catalyzed by a peroxidase mimic constructed through the grafting of heme onto metal-organic frameworks. <i>Bioresource Technology</i> , 2018, 247, 1246-1248.	9.6	29
28	Lipase-inorganic hybrid nanoflower constructed through biomimetic mineralization: A new support for biodiesel synthesis. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 102-107.	9.4	67
29	Inhibition of cell proliferation and migration through nucleobase-modified polyamidoamine-mediated p53 delivery. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1297-1311.	6.7	26
30	2-Amino-6-chloropurine-modified polyamidoamine-mediated p53 gene transfection to achieve anti-tumor efficacy. <i>New Journal of Chemistry</i> , 2018, 42, 13375-13381.	2.8	5
31	Chemoenzymatic synthesis of a cholesterol-g-poly(amine-co-ester) carrier for p53 gene delivery to inhibit the proliferation and migration of tumor cells. <i>New Journal of Chemistry</i> , 2018, 42, 13541-13548.	2.8	5
32	Enantio-, Regio-, and Chemoselective Lipase-Catalyzed Polymer Synthesis. <i>Macromolecular Bioscience</i> , 2018, 18, e1800131.	4.1	14
33	Hyaluronic acid modification of RNase A and its intracellular delivery using lipid-like nanoparticles. <i>Journal of Controlled Release</i> , 2017, 263, 39-45.	9.9	52
34	Chemoenzymatic Synthesis of Cholesterol-g-Poly(amine-co-ester) Amphiphilic Copolymer as a Carrier for miR-23b Delivery. <i>ACS Macro Letters</i> , 2017, 6, 523-528.	4.8	14
35	Chondroitin sulfate-functionalized polyamidoamine as a tumor-targeted carrier for miR-34a delivery. <i>Acta Biomaterialia</i> , 2017, 57, 238-250.	8.3	54
36	An ATP-Responsive Codelivery System of Doxorubicin and MiR-34a To Synergistically Inhibit Cell Proliferation and Migration. <i>Molecular Pharmaceutics</i> , 2017, 14, 2323-2332.	4.6	32

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37	Nucleobase-modified polyamidoamine-mediated miR-23b delivery to inhibit the proliferation and migration of lung cancer. <i>Biomaterials Science</i> , 2017, 5, 2268-2275.	5.4	22
38	Deuterohemin-Peptide Enzyme Mimic-Embedded Metal-Organic Frameworks through Biomimetic Mineralization with Efficient ATRP Catalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26948-26957.	8.0	45
39	Disulfiram-loaded porous PLGA microparticle for inhibiting the proliferation and migration of non-small-cell lung cancer. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 827-837.	6.7	24
40	Immobilization of Thermostable Lipase QLM on Core-Shell Structured Polydopamine-Coated Fe ₃ O ₄ Nanoparticles. <i>Catalysts</i> , 2017, 7, 49.	3.5	18
41	Inhibition of cell proliferation through an ATP-responsive co-delivery system of doxorubicin and Bcl-2 siRNA. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4721-4732.	6.7	29
42	Construction of an Immobilized Thermophilic Esterase on Epoxy Support for Poly(μ -caprolactone) Synthesis. <i>Molecules</i> , 2016, 21, 796.	3.8	11
43	Improving the Intracellular Drug Concentration in Lung Cancer Treatment through the Codelivery of Doxorubicin and miR-519c Mediated by Porous PLGA Microparticle. <i>Molecular Pharmaceutics</i> , 2016, 13, 3925-3933.	4.6	39
44	Chondroitin sulfate-functionalized polyamidoamine-mediated miR-34a delivery for inhibiting the proliferation and migration of pancreatic cancer. <i>RSC Advances</i> , 2016, 6, 70870-70876.	3.6	12
45	Construction of Thermophilic Lipase-Embedded Metal-Organic Frameworks via Biomimetic Mineralization: A Biocatalyst for Ester Hydrolysis and Kinetic Resolution. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24517-24524.	8.0	197
46	Phenylboronic acid-functionalized polyamidoamine-mediated Bcl-2 siRNA delivery for inhibiting the cell proliferation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 318-325.	5.0	22
47	Ideal and Reality: Barricade in the Delivery of Small Interfering RNA for Cancer Therapy. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 237-247.	1.6	9
48	A polyethylenimine derivative-based nanocarrier for the highly efficient delivery of p53 gene to inhibit the proliferation of cancer cells. <i>Journal of Controlled Release</i> , 2015, 213, e51.	9.9	3
49	Hydrophobic N -acetyl- l -leucine grafted polyethylenimine as an efficient carrier for DNAzyme delivery. <i>Journal of Controlled Release</i> , 2015, 213, e146-e147.	9.9	4
50	One-Pot Combination of eROP and ROMP for the Synthesis of Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2107-2114.	2.2	8
51	Delivery of DNAzyme targeting aurora kinase A to inhibit the proliferation and migration of human prostate cancer. <i>International Journal of Nanomedicine</i> , 2015, 10, 5715.	6.7	21
52	Targeted delivery of cisplatin by LHRH-peptide conjugated dextran nanoparticles suppresses breast cancer growth and metastasis. <i>Acta Biomaterialia</i> , 2015, 18, 132-143.	8.3	96
53	Genipin-Cross-Linked Thermophilic Histone-Polyethylenimine as a Hybrid Gene Carrier. <i>ACS Macro Letters</i> , 2015, 4, 575-578.	4.8	9
54	N-Isopropylacrylamide-modified polyethylenimine-mediated p53 gene delivery to prevent the proliferation of cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 129, 54-62.	5.0	34

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55	Porous PLGA microparticles to encapsulate doxorubicin and polyethylenimine/miR-34a for inhibiting the proliferation and migration of lung cancer. <i>RSC Advances</i> , 2015, 5, 81445-81448.	3.6	11
56	Chemically conjugating poly(amidoamine) with chondroitin sulfate to promote CD44-mediated endocytosis for miR-34a delivery. <i>Journal of Controlled Release</i> , 2015, 213, e95-e96.	9.9	5
57	Inhibition of cell proliferation and migration by chondroitin sulfate- γ -polyethylenimine-mediated miR-34a delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 577-584.	5.0	16
58	Synthesis of multifunctional bovine serum albumin microcapsules by the sonochemical method for targeted drug delivery and controlled drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 470-478.	5.0	26
59	Induction of apoptosis in cancer cells through N-acetyl-L-leucine-modified polyethylenimine-mediated p53 gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 630-638.	5.0	22
60	A protein-polymer hybrid gene carrier based on thermophilic histone and polyethylenimine. <i>New Journal of Chemistry</i> , 2015, 39, 6718-6721.	2.8	4
61	Sonochemical Synthesis of Hydrophilic Drug Loaded Multifunctional Bovine Serum Albumin Nanocapsules. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19390-19397.	8.0	41
62	Glutaraldehyde Cross-Linking of Immobilized Thermophilic Esterase on Hydrophobic Macroporous Resin for Application in Poly(μ -caprolactone) Synthesis. <i>Molecules</i> , 2014, 19, 9838-9849.	3.8	16
63	Recent developments in lipase-catalyzed synthesis of polymeric materials. <i>Process Biochemistry</i> , 2014, 49, 797-806.	3.7	76
64	Chemoenzymatic synthesis of polymeric materials using lipases as catalysts: A review. <i>Biotechnology Advances</i> , 2014, 32, 642-651.	11.7	46
65	Carbon Dots with Continuously Tunable Full-Color Emission and Their Application in Ratiometric pH Sensing. <i>Chemistry of Materials</i> , 2014, 26, 3104-3112.	6.7	791
66	Hydrochromic molecular switches for water-jet rewritable paper. <i>Nature Communications</i> , 2014, 5, 3044.	12.8	211
67	Facile Synthesis of Block Copolymers by Tandem ROMP and eROP from Esters Precursors. <i>Biomacromolecules</i> , 2014, 15, 3112-3118.	5.4	16
68	Combination of doxorubicin-based chemotherapy and polyethylenimine/p53 gene therapy for the treatment of lung cancer using porous PLGA microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 498-504.	5.0	43
69	Silibinin Triggers Apoptosis and Cell Cycle Arrest of SGC7901 Cells. <i>Phytotherapy Research</i> , 2013, 27, 397-403.	5.8	28
70	Cell Debris Self-Immobilized Thermophilic Lipase: a Biocatalyst for Synthesizing Aliphatic Polyesters. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 399-405.	2.9	4
71	Biocatalytic Synthesis of Poly(ϵ -Valerolactone) Using a Thermophilic Esterase from <i>Archaeoglobus fulgidus</i> as Catalyst. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12232-12241.	4.1	27
72	Lipase/esterase-catalyzed synthesis of aliphatic polyesters via polycondensation: A review. <i>Process Biochemistry</i> , 2012, 47, 1027-1036.	3.7	84

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73	Lipase-catalyzed synthesis of poly(ϵ -caprolactone) and characterization of its solid-state properties. <i>Biocatalysis and Biotransformation</i> , 2011, 29, 337-343.	2.0	7
74	Thermophilic lipase and recombinant <i>Escherichia coli</i> whole-cell: Novel biocatalysts for the synthesis of biodegradable polyesters. <i>Journal of Controlled Release</i> , 2011, 152, e221-e223.	9.9	4
75	Lipase/esterase-catalyzed ring-opening polymerization: A green polyester synthesis technique. <i>Process Biochemistry</i> , 2011, 46, 1900-1908.	3.7	82
76	Ring-opening polymerization of ϵ -caprolactone catalyzed by a novel thermophilic lipase from <i>Fervidobacterium nodosum</i> . <i>Process Biochemistry</i> , 2011, 46, 253-257.	3.7	48
77	Highly efficient ring-opening polymerization of ϵ -caprolactone catalyzed by a recombinant <i>Escherichia coli</i> whole-cell biocatalyst. <i>Process Biochemistry</i> , 2011, 46, 477-481.	3.7	12
78	Thermophilic esterase from the archaeon <i>Archaeoglobus fulgidus</i> physically immobilized on hydrophobic macroporous resin: A novel biocatalyst for polyester synthesis. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 1201-1207.	2.6	12
79	Solvent effects on the enantioselectivity of the thermophilic lipase QLM in the resolution of (R)-Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.8	23
80	Ring-opening polymerization of ϵ -caprolactone catalyzed by a novel thermophilic esterase from the archaeon <i>Archaeoglobus fulgidus</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 56, 151-157.	1.8	46