

# Changyou Zhan

## List of Publications by Year in descending order

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93  
papers

4,740  
citations

81900

39  
h-index

102487

66  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5955  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic RGD conjugated poly(ethylene glycol)-co-poly(lactic acid) micelle enhances paclitaxel anti-glioblastoma effect. <i>Journal of Controlled Release</i> , 2010, 143, 136-142.	9.9	336
2	Ligand-Modified Cell Membrane Enables the Targeted Delivery of Drug Nanocrystals to Glioma. <i>ACS Nano</i> , 2019, 13, 5591-5601.	14.6	238
3	D-peptide inhibitors of the p53-MDM2 interaction for targeted molecular therapy of malignant neoplasms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14321-14326.	7.1	191
4	Brain-targeted drug delivery by manipulating protein corona functions. <i>Nature Communications</i> , 2019, 10, 3561.	12.8	174
5	A facile approach to functionalizing cell membrane-coated nanoparticles with neurotoxin-derived peptide for brain-targeted drug delivery. <i>Journal of Controlled Release</i> , 2017, 264, 102-111.	9.9	168
6	LyP-1-conjugated nanoparticles for targeting drug delivery to lymphatic metastatic tumors. <i>International Journal of Pharmaceutics</i> , 2010, 385, 150-156.	5.2	142
7	A D-Peptide Ligand of Nicotine Acetylcholine Receptors for Brain-Targeted Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3023-3027.	13.8	141
8	Micelle-Based Brain-Targeted Drug Delivery Enabled by a Nicotine Acetylcholine Receptor Ligand. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5482-5485.	13.8	124
9	The Blood-Brain/Tumor Barriers: Challenges and Chances for Malignant Gliomas Targeted Drug Delivery. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2380-2387.	1.6	116
10	Peptide ligand-mediated targeted drug delivery of nanomedicines. <i>Biomaterials Science</i> , 2019, 7, 461-471.	5.4	115
11	Liposome-based glioma targeted drug delivery enabled by stable peptide ligands. <i>Journal of Controlled Release</i> , 2015, 218, 13-21.	9.9	113
12	Enhanced immunocompatibility of ligand-targeted liposomes by attenuating natural IgM absorption. <i>Nature Communications</i> , 2018, 9, 2982.	12.8	107
13	Co-delivery of TRAIL gene enhances the anti-glioblastoma effect of paclitaxel in vitro and in vivo. <i>Journal of Controlled Release</i> , 2012, 160, 630-636.	9.9	102
14	Efficient Triplet-Triplet Annihilation-Based Upconversion for Nanoparticle Phototargeting. <i>Nano Letters</i> , 2015, 15, 6332-6338.	9.1	101
15	Repeatable and adjustable on-demand sciatic nerve block with phototriggerable liposomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15719-15724.	7.1	97
16	9-NC-loaded folate-conjugated polymer micelles as tumor targeted drug delivery system: Preparation and evaluation in vitro. <i>International Journal of Pharmaceutics</i> , 2009, 372, 125-131.	5.2	96
17	Retro-Inverso Isomer of Angiopep-2: A Stable D-Peptide Ligand Inspires Brain-Targeted Drug Delivery. <i>Molecular Pharmaceutics</i> , 2014, 11, 3261-3268.	4.6	93
18	Phototriggered Local Anesthesia. <i>Nano Letters</i> , 2016, 16, 177-181.	9.1	78

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19	Design of Y-shaped targeting material for liposome-based multifunctional glioblastoma-targeted drug delivery. <i>Journal of Controlled Release</i> , 2017, 255, 132-141.	9.9	74
20	Liposome-Based Systemic Glioma-Targeted Drug Delivery Enabled by All- $\alpha$ Peptides. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29977-29985.	8.0	72
21	An Ultrahigh Affinity $\alpha$ -Peptide Antagonist Of MDM2. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6237-6241.	6.4	71
22	Traditional herbal medicine and nanomedicine: Converging disciplines to improve therapeutic efficacy and human health. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113964.	13.7	71
23	Multifunctional targeted liposomal drug delivery for efficient glioblastoma treatment. <i>Oncotarget</i> , 2017, 8, 66889-66900.	1.8	69
24	Interrogation of Folic Acid-Functionalized Nanomedicines: The Regulatory Roles of Plasma Proteins Reexamined. <i>ACS Nano</i> , 2020, 14, 14779-14789.	14.6	63
25	Stabilized Heptapeptide A7R for Enhanced Multifunctional Liposome-Based Tumor-Targeted Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13232-13241.	8.0	58
26	Stapled RGD Peptide Enables Glioma-Targeted Drug Delivery by Overcoming Multiple Barriers. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 17745-17756.	8.0	57
27	Loop 2 of Ophiophagus hannah Toxin b Binds with Neuronal Nicotinic Acetylcholine Receptors and Enhances Intracranial Drug Delivery. <i>Molecular Pharmaceutics</i> , 2010, 7, 1940-1947.	4.6	55
28	Ultrasensitive Phototriggered Local Anesthesia. <i>Nano Letters</i> , 2017, 17, 660-665.	9.1	55
29	Phototriggered Drug Delivery Using Inorganic Nanomaterials. <i>Bioconjugate Chemistry</i> , 2017, 28, 98-104.	3.6	54
30	A novel peptide ligand RAP12 of LRP1 for glioma targeted drug delivery. <i>Journal of Controlled Release</i> , 2018, 279, 306-315.	9.9	54
31	Cyclic RGD-Polyethylene Glycol-Polyethylenimine for Intracranial Glioblastoma-Targeted Gene Delivery. <i>Chemistry - an Asian Journal</i> , 2012, 7, 91-96.	3.3	52
32	GRP78 enabled micelle-based glioma targeted drug delivery. <i>Journal of Controlled Release</i> , 2017, 255, 120-131.	9.9	52
33	Enhanced Precision of Nanoparticle Phototargeting in Vivo at a Safe Irradiance. <i>Nano Letters</i> , 2016, 16, 4516-4520.	9.1	50
34	D $\alpha$ -Peptides as Recognition Molecules and Therapeutic Agents. <i>Chemical Record</i> , 2016, 16, 1772-1786.	5.8	48
35	Targeted brain delivery of itraconazole via RVG29 anchored nanoparticles. <i>Journal of Drug Targeting</i> , 2011, 19, 228-234.	4.4	45
36	Toxins and derivatives in molecular pharmaceuticals: Drug delivery and targeted therapy. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 101-118.	13.7	45

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37	Functional consequences of retro-inverso isomerization of a miniature protein inhibitor of the p53-MDM2 interaction. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4045-4050.	3.0	43
38	A Supramolecular Shear-Thinning Anti-Inflammatory Steroid Hydrogel. <i>Advanced Materials</i> , 2016, 28, 6680-6686.	21.0	43
39	Extended Release of Native Drug Conjugated in Polyketal Microparticles. <i>Journal of the American Chemical Society</i> , 2016, 138, 6127-6130.	13.7	41
40	Nanodisk-based glioma-targeted drug delivery enabled by a stable glycopeptide. <i>Journal of Controlled Release</i> , 2018, 284, 26-38.	9.9	41
41	Bortezomib Dendrimer Prodrug-Based Nanoparticle System. <i>Advanced Functional Materials</i> , 2019, 29, 1807941.	14.9	41
42	<scpd>-Retroenantiomer of Quorum-Sensing Peptide-Modified Polymeric Micelles for Brain Tumor-Targeted Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25672-25682.	8.0	38
43	A stabilized peptide ligand for multifunctional glioma targeted drug delivery. <i>Journal of Controlled Release</i> , 2016, 243, 86-98.	9.9	36
44	Interrogation of MDM2 Phosphorylation in p53 Activation Using Native Chemical Ligation: The Functional Role of Ser17 Phosphorylation in MDM2 Reexamined. <i>Journal of the American Chemical Society</i> , 2012, 134, 6855-6864.	13.7	35
45	Liposomes with cyclic RGD peptide motif triggers acute immune response in mice. <i>Journal of Controlled Release</i> , 2019, 293, 201-214.	9.9	33
46	Core-Shell Nanostars for Multimodal Therapy and Imaging. <i>Theranostics</i> , 2016, 6, 2306-2313.	10.0	31
47	Natural IgM dominates in vivo performance of liposomes. <i>Journal of Controlled Release</i> , 2020, 319, 371-381.	9.9	30
48	Green Light-Triggered Intraocular Drug Release for Intravenous Chemotherapy of Retinoblastoma. <i>Advanced Science</i> , 2021, 8, e2101754.	11.2	30
49	Photoswitchable Ultrafast Transactivator of Transcription (TAT) Targeting Effect for Nanocarrier-Based On-Demand Drug Delivery. <i>Advanced Functional Materials</i> , 2018, 28, 1704806.	14.9	29
50	Multiply repeatable and adjustable on-demand phototriggered local anesthesia. <i>Journal of Controlled Release</i> , 2017, 251, 68-74.	9.9	28
51	Co-delivery of paclitaxel and melittin by glycopeptide-modified lipodisks for synergistic anti-glioma therapy. <i>Nanoscale</i> , 2019, 11, 13069-13077.	5.6	28
52	Deciphering Protein Corona by scFv-Based Affinity Chromatography. <i>Nano Letters</i> , 2021, 21, 2124-2131.	9.1	28
53	Cholera Toxin Subunit B Enabled Multifunctional Glioma-Targeted Drug Delivery. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700709.	7.6	27
54	Short Peptide-Mediated Brain-Targeted Drug Delivery with Enhanced Immunocompatibility. <i>Molecular Pharmaceutics</i> , 2019, 16, 907-913.	4.6	26

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55	Long-acting liposomal corneal anesthetics. <i>Biomaterials</i> , 2018, 181, 372-377.	11.4	25
56	Octopus-like Flexible Vector for Noninvasive Intraocular Delivery of Short Interfering Nucleic Acids. <i>Nano Letters</i> , 2019, 19, 6410-6417.	9.1	25
57	Non-immunogenic, low-toxicity and effective glioma targeting MTI-31 liposomes. <i>Journal of Controlled Release</i> , 2019, 316, 381-392.	9.9	25
58	All-stage precisional glioma targeted therapy enabled by a well-designed D-peptide. <i>Theranostics</i> , 2020, 10, 4073-4087.	10.0	25
59	Anti-PEG scFv corona ameliorates accelerated blood clearance phenomenon of PEGylated nanomedicines. <i>Journal of Controlled Release</i> , 2021, 330, 493-501.	9.9	24
60	Enhanced Triggering of Local Anesthetic Particles by Photosensitization and Photothermal Effect Using a Common Wavelength. <i>Nano Letters</i> , 2017, 17, 7138-7145.	9.1	22
61	Discerning the composition of penetratin for safe penetration from cornea to retina. <i>Acta Biomaterialia</i> , 2017, 63, 123-134.	8.3	22
62	Cyclic RGD-poly(ethylene glycol)-polyethyleneimine is more suitable for glioblastoma targeting gene transferin vivo. <i>Journal of Drug Targeting</i> , 2011, 19, 573-581.	4.4	21
63	Corneal Anesthesia With Site 1 Sodium Channel Blockers and Dexmedetomidine. , 2015, 56, 3820.		21
64	Interplay between nanomedicine and protein corona. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6713-6727.	5.8	21
65	Peptide Activators of the p53 Tumor Suppressor. <i>Current Pharmaceutical Design</i> , 2011, 17, 603-609.	1.9	20
66	A Red Light-Triggered Drug Release System Based on One-Photon Upconversion-Like Photolysis. <i>Advanced Healthcare Materials</i> , 2020, 9, e2001118.	7.6	20
67	Arming Anti-EGFRvIII CAR-T With TGF $\beta$ Trap Improves Antitumor Efficacy in Glioma Mouse Models. <i>Frontiers in Oncology</i> , 2020, 10, 1117.	2.8	19
68	Regulation of in vivo delivery of nanomedicines by herbal medicines. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 210-228.	13.7	19
69	Self-Adjuvant Effect by Manipulating the Bionano Interface of Liposome-Based Nanovaccines. <i>Nano Letters</i> , 2021, 21, 4744-4752.	9.1	17
70	Peptide-decorated nanocarriers penetrating the blood-brain barrier for imaging and therapy of brain diseases. <i>Advanced Drug Delivery Reviews</i> , 2022, 187, 114362.	13.7	17
71	Enhanced Glioblastoma Targeting Ability of Carfilzomib Enabled by a <sup>D</sup> A7R-Modified Lipid Nanodisk. <i>Molecular Pharmaceutics</i> , 2018, 15, 2437-2447.	4.6	16
72	A <sup>D</sup> -Peptide Ligand of Nicotine Acetylcholine Receptors for Brain-Targeted Drug Delivery. <i>Angewandte Chemie</i> , 2015, 127, 3066-3070.	2.0	14

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73	A d-Peptide Ligand of Integrins for Simultaneously Targeting Angiogenic Blood Vasculature and Glioma Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 592-601.	4.6	14
74	A Nanoantidote Alleviates Glioblastoma Chemotoxicity without Efficacy Compromise. <i>Nano Letters</i> , 2021, 21, 5158-5166.	9.1	14
75	Glioma-Targeted Drug Delivery Enabled by a Multifunctional Peptide. <i>Bioconjugate Chemistry</i> , 2017, 28, 775-781.	3.6	12
76	Facile Separation of PEGylated Liposomes Enabled by Anti-PEG scFv. <i>Nano Letters</i> , 2021, 21, 10107-10113.	9.1	12
77	Photoresponsive prodrug-dye nanoassembly for in situ monitorable cancer therapy. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	7.1	11
78	cRGD enables rapid phagocytosis of liposomal vancomycin for intracellular bacterial clearance. <i>Journal of Controlled Release</i> , 2022, 344, 202-213.	9.9	11
79	Topical instillation of cell-penetrating peptide-conjugated melphalan blocks metastases of retinoblastoma. <i>Biomaterials</i> , 2022, 284, 121493.	11.4	11
80	Unraveling GLUT6-mediated transcytosis pathway of glycosylated nanodisks. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 120-128.	9.1	10
81	Interrogating preclinical study of liposomes: The effect of mouse strain reexamined. <i>Journal of Controlled Release</i> , 2021, 334, 178-187.	9.9	10
82	Protein corona: challenges and opportunities for targeted delivery of nanomedicines. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 833-846.	5.0	10
83	NIR Light-Triggered Quantitative Pulsed Drug Release. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102362.	7.6	9
84	Total chemical synthesis of dengue 2 virus capsid protein via native chemical ligation: Role of the conserved salt-bridge. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3443-3449.	3.0	8
85	High-frequency, low-intensity ultrasound and microbubbles enhance nerve blockade. <i>Journal of Controlled Release</i> , 2018, 276, 150-156.	9.9	8
86	Factors Influencing the Immunogenicity and Immunotoxicity of Cyclic RGD Peptide-Modified Nanodrug Delivery Systems. <i>Molecular Pharmaceutics</i> , 2020, 17, 3281-3290.	4.6	8
87	Oral Delivery of Honokiol Microparticles for Nonrapid Eye Movement Sleep. <i>Molecular Pharmaceutics</i> , 2019, 16, 737-743.	4.6	7
88	Virus-mimetic systems for cancer diagnosis and therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1692.	6.1	4
89	Evaluation of CTB-sLip for Targeting Lung Metastasis of Colorectal Cancer. <i>Pharmaceutics</i> , 2022, 14, 868.	4.5	4
90	Receptor-mediated transportation through BBB. , 2019, , 105-128.		3

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91	Preparation of Cholera Toxin Subunit B Functionalized Nanoparticles for Targeted Therapy of Glioblastoma. <i>Methods in Molecular Biology</i> , 2020, 2059, 207-212.	0.9	3
92	H <sub>2</sub> O <sub>2</sub> -Responsive Small-Molecule Nanocarriers for Drug Delivery to Colorectal Tumors. <i>Advanced Therapeutics</i> , 2022, 5, .	3.2	1
93	Rücktitelbild: AD-Peptide Ligand of Nicotine Acetylcholine Receptors for Brain-Targeted Drug Delivery ( <i>Angew. Chem.</i> 10/2015). <i>Angewandte Chemie</i> , 2015, 127, 3194-3194.	2.0	0