Tianmeng Sun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8263850/publications.pdf

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40 papers	2,977 citations	361296 20 h-index	289141 40 g-index
42 all docs	42 docs citations	42 times ranked	5531 citing authors

#	Article	IF	Citations
1	Engineered Nanoparticles for Drug Delivery in Cancer Therapy. Angewandte Chemie - International Edition, 2014, 53, 12320-12364.	7.2	1,447
2	Fast and Efficient CRISPR/Cas9 Genome Editing In Vivo Enabled by Bioreducible Lipid and Messenger RNA Nanoparticles. Advanced Materials, 2019, 31, e1902575.	11.1	244
3	Enhanced optical asymmetry in supramolecular chiroplasmonic assemblies with long-range order. Science, 2021, 371, 1368-1374.	6.0	168
4	Receptor and Microenvironment Dual-Recognizable Nanogel for Targeted Chemotherapy of Highly Metastatic Malignancy. Nano Letters, 2017, 17, 4526-4533.	4.5	127
5	Spatiotemporally Targeted Nanomedicine Overcomes Hypoxia-Induced Drug Resistance of Tumor Cells after Disrupting Neovasculature. Nano Letters, 2020, 20, 6191-6198.	4.5	75
6	Using SV119â€€Gold Nanocage Conjugates to Eradicate Cancer Stem Cells Through a Combination of Photothermal and Chemo Therapies. Advanced Healthcare Materials, 2014, 3, 1283-1291.	3.9	69
7	Photodynamic therapy produces enhanced efficacy of antitumor immunotherapy by simultaneously inducing intratumoral release of sorafenib. Biomaterials, 2020, 240, 119845.	5.7	62
8	A Tumor Microenvironmentsâ€Adapted Polypeptide Hydrogel/Nanogel Composite Boosts Antitumor Molecularly Targeted Inhibition and Immunoactivation. Advanced Materials, 2022, 34, e2200449.	11.1	61
9	Tumor acidity-activatable TAT targeted nanomedicine for enlarged fluorescence/magnetic resonance imaging-guided photodynamic therapy. Biomaterials, 2017, 133, 165-175.	5.7	56
10	Intratumoral delivery of CCL25 enhances immunotherapy against triple-negative breast cancer by recruiting CCR9 ⁺ T cells. Science Advances, 2020, 6, eaax4690.	4.7	51
11	Design of Tumor Acidity-Responsive Sheddable Nanoparticles for Fluorescence/Magnetic Resonance Imaging-Guided Photodynamic Therapy. Theranostics, 2017, 7, 1290-1302.	4.6	44
12	Gold Nanoparticle Enantiomers and Their Chiral-Morphology Dependence of Cellular Uptake. CCS Chemistry, 2022, 4, 660-670.	4.6	39
13	An optimized ionizable cationic lipid for brain tumor-targeted siRNA delivery and glioblastoma immunotherapy. Biomaterials, 2022, 287, 121645.	5.7	35
14	Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size. Advanced Functional Materials, 2019, 29, 1903391.	7.8	34
15	Inhibition of intrinsic coagulation improves safety and tumor-targeted drug delivery of cationic solid lipid nanoparticles. Biomaterials, 2018, 156, 77-87.	5.7	32
16	Gold Nanotetrapods with Unique Topological Structure and Ultranarrow Plasmonic Band as Multifunctional Therapeutic Agents. Journal of Physical Chemistry Letters, 2019, 10, 4505-4510.	2.1	30
17	Cationic Liposome/DNA Complexes Mediate Antitumor Immunotherapy by Promoting Immunogenic Tumor Cell Death and Dendritic Cell Activation. ACS Applied Materials & Interfaces, 2020, 12, 28047-28056.	4.0	30
18	Reversible Threeâ€Color Fluorescence Switching of an Organic Molecule in the Solid State via â€œPumpâ€“Triggerâ€•Optical Manipulation. Angewandte Chemie - International Edition, 2022, 61, .	7.2	27

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19	Intratumoral delivery of M-CSF by calcium crosslinked polymer micelles enhances cancer immunotherapy. Biomaterials Science, 2019, 7, 2769-2776.	2.6	26
20	Red blood cell-derived nanovesicles for safe and efficient macrophage-targeted drug delivery in vivo. Biomaterials Science, 2019, 7, 187-195.	2.6	21
21	Complement Depletion Improves Human Red Blood Cell Reconstitution in Immunodeficient Mice. Stem Cell Reports, 2017, 9, 1034-1042.	2.3	20
22	Multicompartmentalized vesosomes containing DOX loaded liposomes and 5FU loaded liposomes for synergistic tumor treatment. New Journal of Chemistry, 2019, 43, 4895-4899.	1.4	20
23	SERS studies on normal epithelial and cancer cells derived from clinical breast cancer specimens. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 237, 118364.	2.0	20
24	Injectable In Situ Forming Double-Network Hydrogel To Enhance Transplanted Cell Viability and Retention. Chemistry of Materials, 2021, 33, 5885-5895.	3.2	19
25	Targeted Delivery of Antiâ€miRâ€712 by VCAM1â€Binding Au Nanospheres for Atherosclerosis Therapy. ChemNanoMat, 2016, 2, 400-406.	1.5	16
26	Nucleocytoplasmic shuttling of SAMHD1 is important for LINE-1 suppression. Biochemical and Biophysical Research Communications, 2019, 510, 551-557.	1.0	14
27	Poly(Ethylene Oxide) Mediated Synthesis of Sub-100-nm Aluminum Nanocrystals for Deep Ultraviolet Plasmonic Nanomaterials. CCS Chemistry, 2020, 2, 516-526.	4.6	14
28	Nanoparticle-Based Drug Delivery Systems for Induction of Tolerance and Treatment of Autoimmune Diseases. Frontiers in Bioengineering and Biotechnology, 2022, 10, 889291.	2.0	14
29	The influence of tumor-induced immune dysfunction on the immune cell distribution of gold nanoparticles in vivo. Biomaterials Science, 2017, 5, 1531-1536.	2.6	12
30	Woodâ€Derived Nanofibrillated Cellulose Hydrogel Filters for Fast and Efficient Separation of Nanoparticles. Advanced Sustainable Systems, 2019, 3, 1900063.	2.7	10
31	Synergistic Reducing Effect for Synthesis of Well-Defined Au Nanooctopods With Ultra-Narrow Plasmon Band Width and High Photothermal Conversion Efficiency. Frontiers in Chemistry, 2018, 6, 335.	1.8	9
32	Vif-CBFÎ² interaction is essential for Vif-induced cell cycle arrest. Biochemical and Biophysical Research Communications, 2019, 511, 910-915.	1.0	8
33	High-sensitivity microliter blood pressure sensors based on patterned micro-nanostructure arrays. Lab on A Chip, 2020, 20, 1554-1561.	3.1	8
34	Î¸-Solvent-Mediated Double-Shell Polyethylene Glycol Brushes on Nanoparticles for Improved Stealth Properties and Delivery Efficiency. Journal of Physical Chemistry Letters, 2021, 12, 5363-5370.	2.1	8
35	The Hostâ€Defenseâ€Peptideâ€Mimicking Synthetic Polypeptides Effectively Enhance Antitumor Immunity through Promoting Immunogenic Tumor Cell Death. Macromolecular Bioscience, 2021, 21, e2100171.	2.1	6
36	Engineering optimal vaccination strategies: effects of physical properties of the delivery system on functions. Biomaterials Science, 2022, 10, 1408-1422.	2.6	6

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37	Reversible Threeâ€Color Fluorescence Switching of an Organic Molecule in the Solid State via â€œPumpâ€“Triggerâ€•Optical Manipulation. Angewandte Chemie, 2022, 134, .	1.6	6
38	Research Progress on Gene Editing Based on Nano-Drug Delivery Vectors for Tumor Therapy. Frontiers in Bioengineering and Biotechnology, 2022, 10, 873369.	2.0	4
39	Multiantigenic Nanovaccines: Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size (Adv. Funct. Mater. 49/2019). Advanced Functional Materials, 2019, 29, 1970336.	7.8	3
40	Kidney Functional Stages Influence the Role of PEG End-group on the Renal Accumulation and Distribution of PEGylated Nanoparticles. Nanoscale, 0, , .	2.8	2