# Tianmeng Sun

List of Publications by Year
in descending order

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

Version: 2024-02-01

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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 | Gold Nanoparticle Enantiomers and Their Chiral-Morphology Dependence of Cellular Uptake. CCS Chemistry, 2022, 4, 660-670. | 4.6 | 39 |
| 2 | Engineering optimal vaccination strategies: effects of physical properties of the delivery system on functions. Biomaterials Science, 2022, 10, 1408-1422. | 2.6 | 6 |
| 3 | 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 |
| 4 | 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 |
| 5 | A Tumor Microenvironmentsâ€Adapted Polypeptide Hydrogel/Nanogel Composite Boosts Antitumor Molecularly Targeted Inhibition and Immunoactivation. Advanced Materials, 2022, 34, e2200449. | 11.1 | 61 |
| 6 | 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 |
| 7 | 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 |
| 8 | An optimized ionizable cationic lipid for brain tumor-targeted siRNA delivery and glioblastoma immunotherapy. Biomaterials, 2022, 287, 121645. | 5.7 | 35 |
| 9 | Enhanced optical asymmetry in supramolecular chiroplasmonic assemblies with long-range order. Science, 2021, 371, 1368-1374. | 6.0 | 168 |
| 10 | 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 |
| 11 | 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 |
| 12 | Injectable In Situ Forming Double-Network Hydrogel To Enhance Transplanted Cell Viability and Retention. Chemistry of Materials, 2021, 33, 5885-5895. | 3.2 | 19 |
| 13 | Spatiotemporally Targeted Nanomedicine Overcomes Hypoxia-Induced Drug Resistance of Tumor Cells after Disrupting Neovasculature. Nano Letters, 2020, 20, 6191-6198. | 4.5 | 75 |
| 14 | 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 |
| 15 | 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 |
| 16 | Intratumoral delivery of CCL25 enhances immunotherapy against triple-negative breast cancer by recruiting CCR9 <sup>+</sup> T cells. Science Advances, 2020, 6, eaax4690. | 4.7 | 51 |
| 17 | Photodynamic therapy produces enhanced efficacy of antitumor immunotherapy by simultaneously inducing intratumoral release of sorafenib. Biomaterials, 2020, 240, 119845. | 5.7 | 62 |
| 18 | High-sensitivity microliter blood pressure sensors based on patterned micro-nanostructure arrays. Lab on A Chip, 2020, 20, 1554-1561. | 3.1 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Woodâ€Derived Nanofibrillated Cellulose Hydrogel Filters for Fast and Efficient Separation of Nanoparticles. Advanced Sustainable Systems, 2019, 3, 1900063. | 2.7 | 10 |
| 22 | Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size. Advanced Functional Materials, 2019, 29, 1903391. | 7.8 | 34 |
| 23 | Red blood cell-derived nanovesicles for safe and efficient macrophage-targeted drug delivery in vivo. Biomaterials Science, 2019, 7, 187-195. | 2.6 | 21 |
| 24 | 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 |
| 25 | Intratumoral delivery of M-CSF by calcium crosslinked polymer micelles enhances cancer immunotherapy. Biomaterials Science, 2019, 7, 2769-2776. | 2.6 | 26 |
| 26 | 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 |
| 27 | Vif-CBFÎ² interaction is essential for Vif-induced cell cycle arrest. Biochemical and Biophysical Research Communications, 2019, 511, 910-915. | 1.0 | 8 |
| 28 | Nucleocytoplasmic shuttling of SAMHD1 is important for LINE-1 suppression. Biochemical and Biophysical Research Communications, 2019, 510, 551-557. | 1.0 | 14 |
| 29 | Multiantigenic Nanovaccines: Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size (Adv. Funct. Mater. 49/2019). Advanced Functional Materials, 2019, 29, 1970336. | 7.8 | 3 |
| 30 | Inhibition of intrinsic coagulation improves safety and tumor-targeted drug delivery of cationic solid lipid nanoparticles. Biomaterials, 2018, 156, 77-87. | 5.7 | 32 |
| 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 | Tumor acidity-activatable TAT targeted nanomedicine for enlarged fluorescence/magnetic resonance imaging-guided photodynamic therapy. Biomaterials, 2017, 133, 165-175. | 5.7 | 56 |
| 33 | 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 |
| 34 | Complement Depletion Improves Human Red Blood Cell Reconstitution in Immunodeficient Mice. Stem Cell Reports, 2017, 9, 1034-1042. | 2.3 | 20 |
| 35 | Receptor and Microenvironment Dual-Recognizable Nanogel for Targeted Chemotherapy of Highly Metastatic Malignancy. Nano Letters, 2017, 17, 4526-4533. | 4.5 | 127 |
| 36 | Design of Tumor Acidity-Responsive Sheddable Nanoparticles for Fluorescence/Magnetic Resonance Imaging-Guided Photodynamic Therapy. Theranostics, 2017, 7, 1290-1302. | 4.6 | 44 |

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|---|---|---|---|
| 37 | Targeted Delivery of Antiâ€miRâ€712 by VCAM1â€Binding Au Nanospheres for Atherosclerosis Therapy. ChemNanoMat, 2016, 2, 400-406. | 1.5 | 16 |
| 38 | 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 |
| 39 | Engineered Nanoparticles for Drug Delivery in Cancer Therapy. Angewandte Chemie - International Edition, 2014, 53, 12320-12364. | 7.2 | 1,447 |
| 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 |