

Sai Yerneni

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,666
citations

471371

17
h-index

414303

32
g-index

32
all docs

32
docs citations

32
times ranked

4084
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 3D bioprinting of collagen to rebuild components of the human heart. <i>Science</i> , 2019, 365, 482-487. | 6.0 | 1,116 |
| 2 | Clinical Significance of PD-L1+ Exosomes in Plasma of Head and Neck Cancer Patients. <i>Clinical Cancer Research</i> , 2018, 24, 896-905. | 3.2 | 464 |
| 3 | Circulating exosomes carrying an immunosuppressive cargo interfere with cellular immunotherapy in acute myeloid leukemia. <i>Scientific Reports</i> , 2017, 7, 14684. | 1.6 | 152 |
| 4 | Exosomes from HNSCC Promote Angiogenesis through Reprogramming of Endothelial Cells. <i>Molecular Cancer Research</i> , 2018, 16, 1798-1808. | 1.5 | 143 |
| 5 | Rapid On-Demand Extracellular Vesicle Augmentation with Versatile Oligonucleotide Tethers. <i>ACS Nano</i> , 2019, 13, 10555-10565. | 7.3 | 78 |
| 6 | Tumor-derived exosomes promote angiogenesis via adenosine A2B receptor signaling. <i>Angiogenesis</i> , 2020, 23, 599-610. | 3.7 | 73 |
| 7 | A Potent Branched-Tail Lipid Nanoparticle Enables Multiplexed mRNA Delivery and Gene Editing <i>In Vivo</i> . <i>Nano Letters</i> , 2020, 20, 5167-5175. | 4.5 | 72 |
| 8 | Optimization of cell culture conditions for exosome isolation using mini-size exclusion chromatography (mini-SEC). <i>Experimental Cell Research</i> , 2019, 378, 149-157. | 1.2 | 66 |
| 9 | Engineering exosome polymer hybrids by atom transfer radical polymerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 63 |
| 10 | Arginase-1+ Exosomes from Reprogrammed Macrophages Promote Glioblastoma Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3990. | 1.8 | 59 |
| 11 | Molecular and Functional Profiles of Exosomes From HPV(+) and HPV(âˆ-) Head and Neck Cancer Cell Lines. <i>Frontiers in Oncology</i> , 2018, 8, 445. | 1.3 | 50 |
| 12 | Plasma-derived Exosomes Reverse Epithelial-to-Mesenchymal Transition after Photodynamic Therapy of Patients with Head and Neck Cancer. <i>Oncoscience</i> , 2018, 5, 75-87. | 0.9 | 36 |
| 13 | Bioprinting exosome-like extracellular vesicle microenvironments. <i>Bioprinting</i> , 2019, 13, e00041. | 2.9 | 34 |
| 14 | Simultaneous Inhibition of Glycolysis and Oxidative Phosphorylation Triggers a Multi-Fold Increase in Secretion of Exosomes: Possible Role of 2â€²,3â€²-cAMP. <i>Scientific Reports</i> , 2020, 10, 6948. | 1.6 | 30 |
| 15 | An isocyanide ligand for the rapid quenching and efficient removal of copper residues after Cu/TEMPO-catalyzed aerobic alcohol oxidation and atom transfer radical polymerization. <i>Chemical Science</i> , 2020, 11, 4251-4262. | 3.7 | 23 |
| 16 | Characterization of systemic immunosuppression by IDH mutant glioma small extracellular vesicles. <i>Neuro-Oncology</i> , 2022, 24, 197-209. | 0.6 | 21 |
| 17 | Degradable Polymer Stars Based on Tannic Acid Cores by ATRP. <i>Polymers</i> , 2019, 11, 752. | 2.0 | 20 |
| 18 | Engineering pro-angiogenic biomaterials via chemoselective extracellular vesicle immobilization. <i>Biomaterials</i> , 2022, 281, 121357. | 5.7 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Pneumococcal Extracellular Vesicles Modulate Host Immunity. MBio, 2021, 12, e0165721. | 1.8 | 19 |
| 20 | Covalent Poly(lactic acid) Nanoparticles for the Sustained Delivery of Naloxone. ACS Applied Bio Materials, 2019, 2, 3418-3428. | 2.3 | 18 |
| 21 | Controlled Release of Exosomes Using Atom Transfer Radical Polymerization-Based Hydrogels. Biomacromolecules, 2022, 23, 1713-1722. | 2.6 | 17 |
| 22 | Cell trafficking and regulation of osteoblastogenesis by extracellular vesicle associated bone morphogenetic protein 2. Journal of Extracellular Vesicles, 2021, 10, e12155. | 5.5 | 16 |
| 23 | Radioiodination of extravesicular surface constituents to study the biocorona, cell trafficking and storage stability of extracellular vesicles. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130069. | 1.1 | 16 |
| 24 | Osteoconductive Enhancement of Polyether Ether Ketone: A Mild Covalent Surface Modification Approach. ACS Applied Bio Materials, 2018, 1, 1047-1055. | 2.3 | 15 |
| 25 | Novel TGF β 2 Inhibitors Ameliorate Oral Squamous Cell Carcinoma Progression and Improve the Antitumor Immune Response of Anti-PD-L1 Immunotherapy. Molecular Cancer Therapeutics, 2021, 20, 1102-1111. | 1.9 | 11 |
| 26 | Controlled Release of Small Molecules from Elastomers for Reducing Epidermal Downgrowth in Percutaneous Devices. ACS Biomaterials Science and Engineering, 2016, 2, 1464-1470. | 2.6 | 9 |
| 27 | A molecular link between cell wall biosynthesis, translation fidelity, and stringent response in <i>Streptococcus pneumoniae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 8 |
| 28 | Grafting polymer brushes by ATRP from functionalized poly(ether ether ketone) microparticles. Polymers for Advanced Technologies, 2021, 32, 3948-3954. | 1.6 | 5 |
| 29 | Biocompatible photoinduced CuAAC using sodium pyruvate. Chemical Communications, 2021, 57, 12844-12847. | 2.2 | 5 |
| 30 | Inkjet Printing of Curing Agent on Thin PDMS for Local Tailoring of Mechanical Properties. Macromolecular Rapid Communications, 2020, 41, 1900569. | 2.0 | 4 |
| 31 | Development and Characterization of Novel Conductive Sensing Fibers for In Vivo Nerve Stimulation. Sensors, 2021, 21, 7581. | 2.1 | 1 |