

# Sai Yerneni

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,666  
citations

471509

17  
h-index

414414

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

4084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of systemic immunosuppression by IDH mutant glioma small extracellular vesicles. <i>Neuro-Oncology</i> , 2022, 24, 197-209.	1.2	21
2	Engineering pro-angiogenic biomaterials via chemoselective extracellular vesicle immobilization. <i>Biomaterials</i> , 2022, 281, 121357.	11.4	20
3	Radioiodination of extravesicular surface constituents to study the biocorona, cell trafficking and storage stability of extracellular vesicles. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130069.	2.4	16
4	Controlled Release of Exosomes Using Atom Transfer Radical Polymerization-Based Hydrogels. <i>Biomacromolecules</i> , 2022, 23, 1713-1722.	5.4	17
5	A molecular link between cell wall biosynthesis, translation fidelity, and stringent response in <i>Streptococcus pneumoniae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
6	Novel TGF $\beta$ 2 Inhibitors Ameliorate Oral Squamous Cell Carcinoma Progression and Improve the Antitumor Immune Response of Anti-PD-L1 Immunotherapy. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1102-1111.	4.1	11
7	Grafting polymer brushes by ATRP from functionalized poly(ether ether ketone) microparticles. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3948-3954.	3.2	5
8	Pneumococcal Extracellular Vesicles Modulate Host Immunity. <i>MBio</i> , 2021, 12, e0165721.	4.1	19
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, .	7.1	63
10	Cell trafficking and regulation of osteoblastogenesis by extracellular vesicle associated bone morphogenetic protein 2. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12155.	12.2	16
11	Biocompatible photoinduced CuAAC using sodium pyruvate. <i>Chemical Communications</i> , 2021, 57, 12844-12847.	4.1	5
12	Development and Characterization of Novel Conductive Sensing Fibers for In Vivo Nerve Stimulation. <i>Sensors</i> , 2021, 21, 7581.	3.8	1
13	Tumor-derived exosomes promote angiogenesis via adenosine A2B receptor signaling. <i>Angiogenesis</i> , 2020, 23, 599-610.	7.2	73
14	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.	9.1	72
15	Arginase-1+ Exosomes from Reprogrammed Macrophages Promote Glioblastoma Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3990.	4.1	59
16	Simultaneous Inhibition of Glycolysis and Oxidative Phosphorylation Triggers a Multi-Fold Increase in Secretion of Exosomes: Possible Role of 2 $\beta$ ,3 $\beta$ -cAMP. <i>Scientific Reports</i> , 2020, 10, 6948.	3.3	30
17	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.	7.4	23
18	Inkjet Printing of Curing Agent on Thin PDMS for Local Tailoring of Mechanical Properties. <i>Macromolecular Rapid Communications</i> , 2020, 41, 1900569.	3.9	4

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19	3D bioprinting of collagen to rebuild components of the human heart. <i>Science</i> , 2019, 365, 482-487.	12.6	1,116
20	Covalent Poly(lactic acid) Nanoparticles for the Sustained Delivery of Naloxone. <i>ACS Applied Bio Materials</i> , 2019, 2, 3418-3428.	4.6	18
21	Rapid On-Demand Extracellular Vesicle Augmentation with Versatile Oligonucleotide Tethers. <i>ACS Nano</i> , 2019, 13, 10555-10565.	14.6	78
22	Degradable Polymer Stars Based on Tannic Acid Cores by ATRP. <i>Polymers</i> , 2019, 11, 752.	4.5	20
23	Optimization of cell culture conditions for exosome isolation using mini-size exclusion chromatography (mini-SEC). <i>Experimental Cell Research</i> , 2019, 378, 149-157.	2.6	66
24	Bioprinting exosome-like extracellular vesicle microenvironments. <i>Bioprinting</i> , 2019, 13, e00041.	5.8	34
25	Clinical Significance of PD-L1+ Exosomes in Plasma of Head and Neck Cancer Patients. <i>Clinical Cancer Research</i> , 2018, 24, 896-905.	7.0	464
26	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.	2.8	50
27	Osteoconductive Enhancement of Polyether Ether Ketone: A Mild Covalent Surface Modification Approach. <i>ACS Applied Bio Materials</i> , 2018, 1, 1047-1055.	4.6	15
28	Exosomes from HNSCC Promote Angiogenesis through Reprogramming of Endothelial Cells. <i>Molecular Cancer Research</i> , 2018, 16, 1798-1808.	3.4	143
29	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.	2.2	36
30	Circulating exosomes carrying an immunosuppressive cargo interfere with cellular immunotherapy in acute myeloid leukemia. <i>Scientific Reports</i> , 2017, 7, 14684.	3.3	152
31	Controlled Release of Small Molecules from Elastomers for Reducing Epidermal Downgrowth in Percutaneous Devices. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1464-1470.	5.2	9