

# 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	3D bioprinting of collagen to rebuild components of the human heart. <i>Science</i> , 2019, 365, 482-487.	12.6	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.	7.0	464
3	Circulating exosomes carrying an immunosuppressive cargo interfere with cellular immunotherapy in acute myeloid leukemia. <i>Scientific Reports</i> , 2017, 7, 14684.	3.3	152
4	Exosomes from HNSCC Promote Angiogenesis through Reprogramming of Endothelial Cells. <i>Molecular Cancer Research</i> , 2018, 16, 1798-1808.	3.4	143
5	Rapid On-Demand Extracellular Vesicle Augmentation with Versatile Oligonucleotide Tethers. <i>ACS Nano</i> , 2019, 13, 10555-10565.	14.6	78
6	Tumor-derived exosomes promote angiogenesis via adenosine A2B receptor signaling. <i>Angiogenesis</i> , 2020, 23, 599-610.	7.2	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.	9.1	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.	2.6	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, .	7.1	63
10	Arginase-1+ Exosomes from Reprogrammed Macrophages Promote Glioblastoma Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3990.	4.1	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.	2.8	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.	2.2	36
13	Bioprinting exosome-like extracellular vesicle microenvironments. <i>Bioprinting</i> , 2019, 13, e00041.	5.8	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.	3.3	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.	7.4	23
16	Characterization of systemic immunosuppression by IDH mutant glioma small extracellular vesicles. <i>Neuro-Oncology</i> , 2022, 24, 197-209.	1.2	21
17	Degradable Polymer Stars Based on Tannic Acid Cores by ATRP. <i>Polymers</i> , 2019, 11, 752.	4.5	20
18	Engineering pro-angiogenic biomaterials via chemoselective extracellular vesicle immobilization. <i>Biomaterials</i> , 2022, 281, 121357.	11.4	20

#	ARTICLE	IF	CITATIONS
19	Pneumococcal Extracellular Vesicles Modulate Host Immunity. MBio, 2021, 12, e0165721.	4.1	19
20	Covalent Poly(lactic acid) Nanoparticles for the Sustained Delivery of Naloxone. ACS Applied Bio Materials, 2019, 2, 3418-3428.	4.6	18
21	Controlled Release of Exosomes Using Atom Transfer Radical Polymerization-Based Hydrogels. Biomacromolecules, 2022, 23, 1713-1722.	5.4	17
22	Cell trafficking and regulation of osteoblastogenesis by extracellular vesicle associated bone morphogenetic protein 2. Journal of Extracellular Vesicles, 2021, 10, e12155.	12.2	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.	2.4	16
24	Osteoconductive Enhancement of Polyether Ether Ketone: A Mild Covalent Surface Modification Approach. ACS Applied Bio Materials, 2018, 1, 1047-1055.	4.6	15
25	Novel TGF $\beta$ 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.	4.1	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.	5.2	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, .	7.1	8
28	Grafting polymer brushes by ATRP from functionalized poly(ether ether ketone) microparticles. Polymers for Advanced Technologies, 2021, 32, 3948-3954.	3.2	5
29	Biocompatible photoinduced CuAAC using sodium pyruvate. Chemical Communications, 2021, 57, 12844-12847.	4.1	5
30	Inkjet Printing of Curing Agent on Thin PDMS for Local Tailoring of Mechanical Properties. Macromolecular Rapid Communications, 2020, 41, 1900569.	3.9	4
31	Development and Characterization of Novel Conductive Sensing Fibers for In Vivo Nerve Stimulation. Sensors, 2021, 21, 7581.	3.8	1