

Sandeep T Koshy

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

6,267
citations

331259

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676716

22
g-index

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all docs

22
docs citations

22
times ranked

9782
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-laden microengineered gelatin methacrylate hydrogels. <i>Biomaterials</i> , 2010, 31, 5536-5544.	5.7	1,864
2	Controlling the Porosity and Microarchitecture of Hydrogels for Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 371-383.	2.5	925
3	Extracellular matrix stiffness and composition jointly regulate the induction of malignant phenotypes in mammary epithelium. <i>Nature Materials</i> , 2014, 13, 970-978.	13.3	689
4	Matrix elasticity of void-forming hydrogels controls transplanted-stem-cell-mediated bone formation. <i>Nature Materials</i> , 2015, 14, 1269-1277.	13.3	390
5	Scaffolds that mimic antigen-presenting cells enable ex vivo expansion of primary T cells. <i>Nature Biotechnology</i> , 2018, 36, 160-169.	9.4	271
6	Synthesis and Characterization of Tunable Poly(Ethylene Glycol): Gelatin Methacrylate Composite Hydrogels. <i>Tissue Engineering - Part A</i> , 2011, 17, 1713-1723.	1.6	268
7	Injectable, porous, and cell-responsive gelatin cryogels. <i>Biomaterials</i> , 2014, 35, 2477-2487.	5.7	266
8	Versatile click alginate hydrogels crosslinked via tetrazine-norbornene chemistry. <i>Biomaterials</i> , 2015, 50, 30-37.	5.7	238
9	Influence of the stiffness of three-dimensional alginate/collagen-I interpenetrating networks on fibroblast biology. <i>Biomaterials</i> , 2014, 35, 8927-8936.	5.7	226
10	Liposomal Delivery Enhances Immune Activation by STING Agonists for Cancer Immunotherapy. <i>Advanced Biology</i> , 2017, 1, 1600013.	3.0	175
11	Potentiating Cancer Immunotherapy Using an Oncolytic Virus. <i>Molecular Therapy</i> , 2010, 18, 1430-1439.	3.7	146
12	Injectable nanocomposite cryogels for versatile protein drug delivery. <i>Acta Biomaterialia</i> , 2018, 65, 36-43.	4.1	134
13	Click-Crosslinked Injectable Gelatin Hydrogels. <i>Advanced Healthcare Materials</i> , 2016, 5, 541-547.	3.9	129
14	Biomaterials for enhancing anti-cancer immunity. <i>Current Opinion in Biotechnology</i> , 2016, 40, 1-8.	3.3	115
15	Metabolic labeling and targeted modulation of dendritic cells. <i>Nature Materials</i> , 2020, 19, 1244-1252.	13.3	99
16	Injectable, Tough Alginate Cryogels as Cancer Vaccines. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701469.	3.9	96
17	Vesicular Stomatitis Virus as a Novel Cancer Vaccine Vector to Prime Antitumor Immunity Amenable to Rapid Boosting With Adenovirus. <i>Molecular Therapy</i> , 2009, 17, 1814-1821.	3.7	95
18	Adjuvant-Loaded Subcellular Vesicles Derived From Disrupted Cancer Cells for Cancer Vaccination. <i>Small</i> , 2016, 12, 2321-2333.	5.2	39

#	ARTICLE	IF	CITATIONS
19	Privileged Antigen Presentation in Splenic B Cell Follicles Maximizes T Cell Responses in Prime-Boost Vaccination. <i>Journal of Immunology</i> , 2016, 196, 4587-4595.	0.4	35
20	CD44 alternative splicing in gastric cancer cells is regulated by culture dimensionality and matrix stiffness. <i>Biomaterials</i> , 2016, 98, 152-162.	5.7	34
21	Anti-tumor immunity induced by ectopic expression of viral antigens is transient and limited by immune escape. <i>Oncolmmunology</i> , 2019, 8, e1568809.	2.1	22
22	Culture of myeloid dendritic cells from bone marrow precursors. <i>Journal of Visualized Experiments</i> , 2008, , .	0.2	11