

# Sumati Sundaram

## List of Publications by Year in descending order

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17  
papers

543  
citations

687363

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940533

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17  
docs citations

17  
times ranked

939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Esophageal regeneration following surgical implantation of a tissue engineered esophageal implant in a pediatric model. <i>Npj Regenerative Medicine</i> , 2022, 7, 1.	5.2	10
2	Biomechanics of regenerated esophageal tissue following the implantation of a tissue engineered Cellspan™ Esophageal Implant. <i>Journal of Biomechanics</i> , 2022, 140, 111162.	2.1	1
3	First-in-Human Segmental Esophageal Reconstruction Using a Bioengineered Mesenchymal Stromal Cell-Seed™ Seeded Implant. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100216.	1.1	6
4	Glycocalyx-Like Hydrogel Coatings for Small Diameter Vascular Grafts. <i>Advanced Functional Materials</i> , 2020, 30, 1908963.	14.9	33
5	Tissue engineering and regenerative medicine. , 2016, , 488-504.		1
6	Comparative biology of decellularized lung matrix: Implications of species mismatch in regenerative medicine. <i>Biomaterials</i> , 2016, 102, 220-230.	11.4	68
7	Engineered Tissue-Seed™ Stent Biocomposites as Tracheal Replacements. <i>Tissue Engineering - Part A</i> , 2016, 22, 1086-1097.	3.1	30
8	New Functional Tools for Antithrombogenic Activity Assessment of Live Surface Glycocalyx. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1847-1853.	2.4	18
9	Click-coated, heparinized, decellularized vascular grafts. <i>Acta Biomaterialia</i> , 2015, 13, 177-187.	8.3	65
10	Fate of Distal Lung Epithelium Cultured in a Decellularized Lung Extracellular Matrix. <i>Tissue Engineering - Part A</i> , 2015, 21, 1916-1928.	3.1	24
11	Tissue-Engineered Vascular Grafts Created From Human Induced Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1535-1543.	3.3	55
12	Strategies for Whole Lung Tissue Engineering. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 1482-1496.	4.2	49
13	Small diameter vascular graft engineered using human embryonic stem cell-derived mesenchymal cells. <i>Tissue Engineering - Part A</i> , 2013, 20, 131015043635000.	3.1	14
14	Smooth Muscle and Other Cell Sources for Human Blood Vessel Engineering. <i>Cells Tissues Organs</i> , 2012, 195, 15-25.	2.3	30
15	Interplay of polyethyleneimine molecular weight and oligonucleotide backbone chemistry in the dynamics of antisense activity. <i>Nucleic Acids Research</i> , 2007, 35, 4396-4408.	14.5	21
16	Oligonucleotide Structure Influences the Interactions between Cationic Polymers and Oligonucleotides. <i>Biomacromolecules</i> , 2005, 6, 2961-2968.	5.4	23
17	Engineering Synthetic Vectors for Improved DNA Delivery: Insights from Intracellular Pathways. <i>Annual Review of Biomedical Engineering</i> , 2004, 6, 397-426.	12.3	95