

# Samira Musah

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

886  
citations

1307594

7  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mature induced-pluripotent-stem-cell-derived human podocytes reconstitute kidney glomerular-capillary-wall function on a chip. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	376
2	Substratum-induced differentiation of human pluripotent stem cells reveals the coactivator YAP is a potent regulator of neuronal specification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13805-13810.	7.1	153
3	Glycosaminoglycan-Binding Hydrogels Enable Mechanical Control of Human Pluripotent Stem Cell Self-Renewal. <i>ACS Nano</i> , 2012, 6, 10168-10177.	14.6	135
4	Directed differentiation of human induced pluripotent stem cells into mature kidney podocytes and establishment of a Glomerulus Chip. <i>Nature Protocols</i> , 2018, 13, 1662-1685.	12.0	125
5	A Personalized Glomerulus Chip Engineered from Stem Cell-Derived Epithelium and Vascular Endothelium. <i>Micromachines</i> , 2021, 12, 967.	2.9	31
6	SARS-CoV-2 Employ BSG/CD147 and ACE2 Receptors to Directly Infect Human Induced Pluripotent Stem Cell-Derived Kidney Podocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 855340.	3.7	23
7	A Biomimetic Electrospun Membrane Supports the Differentiation and Maturation of Kidney Epithelium from Human Stem Cells. <i>Bioengineering</i> , 2022, 9, 188.	3.5	9
8	Guided Differentiation of Mature Kidney Podocytes from Human Induced Pluripotent Stem Cells Under Chemically Defined Conditions. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	7
9	Harnessing developmental plasticity to pattern kidney organoids. <i>Cell Stem Cell</i> , 2021, 28, 587-589.	11.1	7
10	Uncovering SARS-CoV-2 kidney tropism. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 509.	37.0	5
11	Microfluidic systems for modeling human development. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	5
12	Adriamycin-Induced Podocyte Injury Disrupts the YAP-TEAD1 Axis and Downregulates Cyr61 and CTGF Expression. <i>ACS Chemical Biology</i> , 2022, 17, 3341-3351.	3.4	3
13	Reconstitution of the kidney glomerular capillary wall. , 2022, , 331-351.		2
14	Models of kidney glomerulus derived from human-induced pluripotent stem cells. , 2021, , 329-370.		1