

# Smitha Mathews

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4525386/publications.pdf>

Version: 2024-02-01

9  
papers

401  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

852  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan enhances mineralization during osteoblast differentiation of human bone marrow-derived mesenchymal stem cells, by upregulating the associated genes. <i>Cell Proliferation</i> , 2011, 44, 537-549.	5.3	117
2	Extracellular matrix protein mediated regulation of the osteoblast differentiation of bone marrow derived human mesenchymal stem cells. <i>Differentiation</i> , 2012, 84, 185-192.	1.9	93
3	Glycosaminoglycans enhance osteoblast differentiation of bone marrow derived human mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 143-152.	2.7	75
4	A novel tripolymer coating demonstrating the synergistic effect of chitosan, collagen type 1 and hyaluronic acid on osteogenic differentiation of human bone marrow derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 270-276.	2.1	53
5	Novel biomimetic tripolymer scaffolds consisting of chitosan, collagen type 1, and hyaluronic acid for bone marrow-derived human mesenchymal stem cells-based bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 1825-1834.	3.4	29
6	Propagation of pure fetal and maternal mesenchymal stromal cells from terminal chorionic villi of human term placenta. <i>Scientific Reports</i> , 2015, 5, 10054.	3.3	18
7	Cell mimetic monolayer supported chitosan-haemocompatibility studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 79A, 147-152.	4.0	15
8	In-house abbreviated qualification of a real-time polymerase chain reaction method and strategies to amplify mycoplasma detection in human mesenchymal stromal cells. <i>Cytotherapy</i> , 2021, 23, 1036-1044.	0.7	1
9	Effect of Genetic Instability on the Quality of Mesenchymal Stem Cells from Bone Marrow of Patients with Liver Cirrhosis. <i>Gastroenterology</i> , 2017, 152, S1160.	1.3	0