

# Chartrisa LaShan Simpson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3788417/publications.pdf>

Version: 2024-02-01

12  
papers

412  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

654  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of AGE/RAGE Signaling in Diabetes-Mediated Vascular Calcification. Journal of Diabetes Research, 2016, 2016, 1-8.	2.3	221
2	Rapid healing of femoral defects in rats with low dose sustained BMP2 expression from PEGDA hydrogel microspheres. Journal of Orthopaedic Research, 2013, 31, 1597-1604.	2.3	54
3	Toward cell therapy for vascular calcification: osteoclast-mediated demineralization of calcified elastin. Cardiovascular Pathology, 2007, 16, 29-37.	1.6	44
4	Mechanisms of the Osteogenic Switch of Smooth Muscle Cells in Vascular Calcification: WNT Signaling, BMPs, Mechanotransduction, and EndMT. Bioengineering, 2020, 7, 88.	3.5	28
5	Wnt Signaling in Vascular Calcification. Frontiers in Cardiovascular Medicine, 2021, 8, 708470.	2.4	26
6	Fetuin-A adsorption and stabilization of calcium carbonate nanoparticles in a simulated body fluid. Journal of Materials Chemistry B, 2015, 3, 6411-6419.	5.8	14
7	Fatigue Testing of Wearable Sensing Technologies: Issues and Opportunities. Materials, 2021, 14, 4070.	2.9	10
8	Manipulating the Plasticity of Smooth Muscle Cells to Regulate Vascular Calcification. AIMS Cell and Tissue Engineering, 2017, 1, 165-179.	0.4	7
9	Injectable biomaterials for cell, gene and protein therapy. Materials Technology, 2015, 30, B264-B272.	3.0	4
10	Calcification of Biomaterials and Diseased States. , 0, , .		2
11	Osteoclast-Mediated Cell Therapy as an Attempt to Treat Elastin Specific Vascular Calcification. Molecules, 2021, 26, 3643.	3.8	2
12	Board 27: Work in Progress: The Use of Scaffolding and Peer Reviews to Improve Effective Writing Skills in Biomedical Engineers. , 0, , .		0