

Lucy Di Silvio

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,059
citations

516215

16
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

1610
citing authors

#	ARTICLE	IF	CITATIONS
1	Bringing cultured meat to market: Technical, socio-political, and regulatory challenges in cellular agriculture. <i>Trends in Food Science and Technology</i> , 2018, 78, 155-166.	7.8	396
2	Pre-warming of dental composites. <i>Dental Materials</i> , 2011, 27, e51-e59.	1.6	101
3	A porous scaffold for bone tissue engineering/45S5 Bioglass® derived porous scaffolds for co-culturing osteoblasts and endothelial cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 893-905.	1.7	64
4	Optimizing HAPEX®, Topography Influences Osteoblast Response. <i>Tissue Engineering</i> , 2002, 8, 453-467.	4.9	61
5	In vitro response of human osteoblasts to multi-step sol-gel derived bioactive glass nanoparticles for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2014, 36, 206-214.	3.8	53
6	Nanohydroxyapatite shape and its potential role in bone formation: an analytical study. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140004.	1.5	45
7	Tissue engineering technology and its possible applications in oral and maxillofacial surgery. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2014, 52, 7-15.	0.4	42
8	Biomimetic gradient scaffold of collagen-hydroxyapatite for osteochondral regeneration. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173141989606.	2.3	42
9	Gene Expression Responses to Mechanical Stimulation of Mesenchymal Stem Cells Seeded on Calcium Phosphate Cement. <i>Tissue Engineering - Part A</i> , 2013, 19, 2426-2438.	1.6	38
10	A novel jet-based nano-hydroxyapatite patterning technique for osteoblast guidance. <i>Journal of the Royal Society Interface</i> , 2010, 7, 189-197.	1.5	35
11	Assessment of novel chemical strategies for covalent attachment of adhesive peptides to rough titanium surfaces: XPS analysis and biological evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 91A, 463-479.	2.1	33
12	p16/p53 expression and telomerase activity in immortalized human dental pulp cells. <i>Cell Cycle</i> , 2011, 10, 3912-3919.	1.3	29
13	Mandibular reconstruction in the rabbit using beta-tricalcium phosphate (β -TCP) scaffolding and recombinant bone morphogenetic protein 7 (rhBMP-7) - Histological, radiographic and mechanical evaluations. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, e461-e469.	0.7	28
14	The biocompatibility of silver-containing $\text{Na}_2\text{O}\cdot\text{CaO}\cdot 2\text{SiO}_2$ glass prepared by sol-gel method: <i>In vitro</i> studies. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 92B, 102-110.	1.6	24
15	The use of TriCalcium Phosphate (TCP) and stem cells for the regeneration of osteoperiosteal critical-size mandibular bony defects, an <i>in vitro</i> and preclinical study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 863-869.	0.7	24
16	Surface modification of titanium implants using bioactive glasses with air abrasion technologies. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 2291-2296.	1.7	22
17	A novel ex vivo culture system for studying bone repair. <i>Injury</i> , 2006, 37, S10-S17.	0.7	9
18	Evaluation of a β -Calcium Metaphosphate Bone Graft Containing Bone Morphogenetic Protein-7 in Rabbit Maxillary Defects. <i>Journal of Periodontology</i> , 2014, 85, 298-307.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Effect of heat treatment of nano-hydroxyapatite coatings prepared using electrohydrodynamic deposition. International Journal of Nano and Biomaterials, 2009, 2, 477.	0.1	2
20	Influence of the Precipitation Temperature on Properties of Nanohydroxyapatite Powder for the Fabrication of Highly Porous Bone Scaffolds. Key Engineering Materials, 2013, 587, 27-32.	0.4	2