

Daniele Pezzoli

List of Publications by Year in descending order

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29
papers

827
citations

471371

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docs citations

30
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of photo-crosslinkable collagen hydrogel building blocks for vascular tissue engineering applications: A superior alternative to methacrylated gelatin?. <i>Materials Science and Engineering C</i> , 2021, 130, 112460.	3.8	19
2	Increasing Cell Seeding Density Improves Elastin Expression and Mechanical Properties in Collagen Gel-Based Scaffolds Cellularized with Smooth Muscle Cells. <i>Biotechnology Journal</i> , 2019, 14, 1700768.	1.8	16
3	Combined effect of Laponite and polymer molecular weight on the cell-interactive properties of synthetic PEO-based hydrogels. <i>Reactive and Functional Polymers</i> , 2019, 136, 95-106.	2.0	19
4	Heparin-Modified Collagen Gels for Controlled Release of Pleiotrophin: Potential for Vascular Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 74.	2.0	20
5	A Cost-Effective Culture System for the In Vitro Assembly, Maturation, and Stimulation of Advanced Multilayered Multiculture Tubular Tissue Models. <i>Biotechnology Journal</i> , 2018, 13, 1700359.	1.8	20
6	Fibronectin promotes elastin deposition, elasticity and mechanical strength in cellularised collagen-based scaffolds. <i>Biomaterials</i> , 2018, 180, 130-142.	5.7	47
7	Antibacterial Coatings Based on Chitosan for Pharmaceutical and Biomedical Applications. <i>Current Pharmaceutical Design</i> , 2018, 24, 866-885.	0.9	42
8	Biomimetic coating of cross-linked gelatin to improve mechanical and biological properties of electrospun PET: A promising approach for small caliber vascular graft applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2405-2415.	2.1	24
9	Cellularizing hydrogel-based scaffolds to repair bone tissue: How to create a physiologically relevant micro-environment?. <i>Journal of Tissue Engineering</i> , 2017, 8, 204173141771207.	2.3	90
10	Size matters for in vitro gene delivery: investigating the relationships among complexation protocol, transfection medium, size and sedimentation. <i>Scientific Reports</i> , 2017, 7, 44134.	1.6	88
11	A planar model of the vessel wall from cellularized-collagen scaffolds: focus on cell-matrix interactions in mono-, bi- and tri-culture models. <i>Biomaterials Science</i> , 2017, 5, 153-162.	2.6	18
12	RGD-derivatized PEI-PEG copolymers: Influence of the degree of substitution on the targeting behavior. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 37, 115-122.	1.4	13
13	Hydrophobe-substituted bPEI derivatives: boosting transfection on primary vascular cells. <i>Science China Materials</i> , 2017, 60, 529-542.	3.5	6
14	Characterization and Investigation of Redox-Sensitive Liposomes for Gene Delivery. <i>Methods in Molecular Biology</i> , 2016, 1445, 217-233.	0.4	9
15	Fluorescence lifetime spectroscopy: a new technique for the characterization of polyplexes. , 2014, , .		0
16	The study of polyplex formation and stability by time-resolved fluorescence spectroscopy of SYBR Green I-stained DNA. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1680-1689.	1.6	17
17	Non-viral gene delivery strategies for gene therapy: a comparison among nucleic acids, materials, and the biological environment. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	43
18	The yin of exofacial protein sulfhydryls and the yang of intracellular glutathione in in vitro transfection with SS14 bioreducible lipoplexes. <i>Journal of Controlled Release</i> , 2013, 165, 44-53.	4.8	28

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19	Synthesis of Multifunctional PAMAMâ€“Aminoglycoside Conjugates with Enhanced Transfection Efficiency. <i>Bioconjugate Chemistry</i> , 2013, 24, 1928-1936.	1.8	38
20	Lipid-Based Nanoparticles as Nonviral Gene Delivery Vectors. <i>Methods in Molecular Biology</i> , 2013, 1025, 269-279.	0.4	33
21	We still have a Long Way to go to Effectively Deliver Genes!. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012, 10, 82-91.	0.7	45
22	A Novel Antibacterial Modification Treatment of Titanium Capable to Improve Osseointegration. <i>International Journal of Artificial Organs</i> , 2012, 35, 864-875.	0.7	48
23	Chitosan-Graft-Branched Polyethylenimine Copolymers: Influence of Degree of Grafting on Transfection Behavior. <i>PLoS ONE</i> , 2012, 7, e34711.	1.1	40
24	Time-resolved fluorescence spectroscopic investigation of cationic polymer/DNA complex formation. , 2011, , .		0
25	Time-resolved fluorescence spectroscopic investigation of cationic polymer/DNA complex formation. , 2011, , .		0
26	Comparative chondrogenesis of human cells in a 3D integrated experimentalâ€“computational mechanobiology model. <i>Biomechanics and Modeling in Mechanobiology</i> , 2011, 10, 259-268.	1.4	18
27	Study of cationic polymer/DNA complex (polyplex) formation by time-resolved fluorescence spectroscopy. , 2011, , .		0
28	Bioreducible Liposomes for Gene Delivery: From the Formulation to the Mechanism of Action. <i>PLoS ONE</i> , 2010, 5, e13430.	1.1	59
29	A dimerizable cationic lipid with potential for gene delivery. <i>Journal of Gene Medicine</i> , 2008, 10, 637-645.	1.4	24