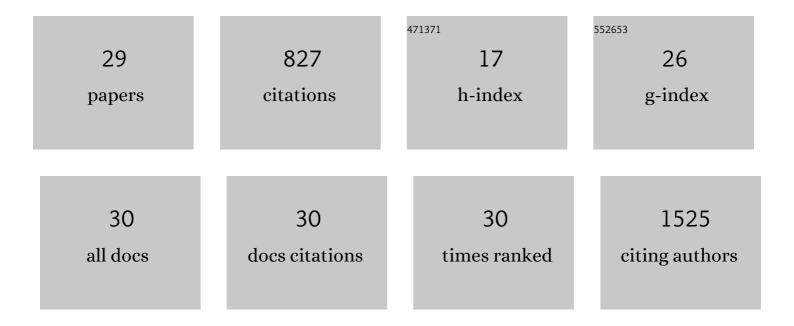
Daniele Pezzoli

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Development of photo-crosslinkable collagen hydrogel building blocks for vascular tissue engineering applications: A superior alternative to methacrylated gelatin?. Materials Science and Engineering C, 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. Biotechnology Journal, 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. Reactive and Functional Polymers, 2019, 136, 95-106.	2.0	19
4	Heparin-Modified Collagen Gels for Controlled Release of Pleiotrophin: Potential for Vascular Applications. Frontiers in Bioengineering and Biotechnology, 2019, 7, 74.	2.0	20
5	A Costâ€Effective Culture System for the In Vitro Assembly, Maturation, and Stimulation of Advanced Multilayered Multiculture Tubular Tissue Models. Biotechnology Journal, 2018, 13, 1700359.	1.8	20
6	Fibronectin promotes elastin deposition, elasticity and mechanical strength in cellularised collagen-based scaffolds. Biomaterials, 2018, 180, 130-142.	5.7	47
7	Antibacterial Coatings Based on Chitosan for Pharmaceutical and Biomedical Applications. Current Pharmaceutical Design, 2018, 24, 866-885.	0.9	42
8	Biomimetic coating of crossâ€linked gelatin to improve mechanical and biological properties of electrospun PET: A promising approach for small caliber vascular graft applications. Journal of Biomedical Materials Research - Part A, 2017, 105, 2405-2415.	2.1	24
9	Cellularizing hydrogel-based scaffolds to repair bone tissue: How to create a physiologically relevant micro-environment?. Journal of Tissue Engineering, 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. Scientific Reports, 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. Biomaterials Science, 2017, 5, 153-162.	2.6	18
12	RGD-derivatized PEI-PEG copolymers: Influence of the degree of substitution on the targeting behavior. Journal of Drug Delivery Science and Technology, 2017, 37, 115-122.	1.4	13
13	Hydrophobe-substituted bPEI derivatives: boosting transfection on primary vascular cells. Science China Materials, 2017, 60, 529-542.	3.5	6
14	Characterization and Investigation of Redox-Sensitive Liposomes for Gene Delivery. Methods in Molecular Biology, 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. Photochemical and Photobiological Sciences, 2014, 13, 1680-1689.	1.6	17
17	Non-viral gene delivery strategies for gene therapy: a "ménage à trois―among nucleic acids, materials, and the biological environment. Journal of Nanoparticle Research, 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. Journal of Controlled Release, 2013, 165, 44-53	4.8	28

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19	Synthesis of Multifunctional PAMAM–Aminoglycoside Conjugates with Enhanced Transfection Efficiency. Bioconjugate Chemistry, 2013, 24, 1928-1936.	1.8	38
20	Lipid-Based Nanoparticles as Nonviral Gene Delivery Vectors. Methods in Molecular Biology, 2013, 1025, 269-279.	0.4	33
21	We still have a Long Way to go to Effectively Deliver Genes!. Journal of Applied Biomaterials and Functional Materials, 2012, 10, 82-91.	0.7	45
22	A Novel Antibacterial Modification Treatment of Titanium Capable to Improve Osseointegration. International Journal of Artificial Organs, 2012, 35, 864-875.	0.7	48
23	Chitosan-Graft-Branched Polyethylenimine Copolymers: Influence of Degree of Grafting on Transfection Behavior. PLoS ONE, 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 experimental–computational mechanobiology model. Biomechanics and Modeling in Mechanobiology, 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. PLoS ONE, 2010, 5, e13430.	1.1	59
29	A dimerizable cationic lipid with potential for gene delivery. Journal of Gene Medicine, 2008, 10, 637.645	1.4	24