Donata Iandolo

List of Publications by Year
in descending order

27 papers	769 citations	567281 15 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	1430 citing authors

#	Article	IF	Citations
1	Organic Bioelectronics for <i>In Vitro</i> Systems. Chemical Reviews, 2022, 122, 4700-4790.	47.7	49
2	Synergistic Effect of PVDF-Coated PCL-TCP Scaffolds and Pulsed Electromagnetic Field on Osteogenesis. International Journal of Molecular Sciences, 2021, 22, 6438.	4.1	16
3	Effects of Pulsed Electromagnetic Field Intensity on Mesenchymal Stem Cells. Bioelectricity, 2021, 3, 186-196.	1.1	2
4	Osteocytes and Weightlessness. Current Osteoporosis Reports, 2021, 19, 626-636.	3.6	14
5	Electrical Stimulation of Adipose-Derived Stem Cells in 3D Nanofibrillar Cellulose Increases Their Osteogenic Potential. Biomolecules, 2020, 10, 1696.	4.0	15
6	Biomimetic and electroactive 3D scaffolds for human neural crest-derived stem cell expansion and osteogenic differentiation. MRS Communications, 2020, 10, 179-187.	1.8	19
7	On research culture and mental health. Nature Materials, 2019, 18, 906-906.	27.5	1
8	Optically Transparent Anionic Nanofibrillar Cellulose Is Cytocompatible with Human Adipose Tissue-Derived Stem Cells and Allows Simple Imaging in 3D. Stem Cells International, 2019, 2019, 1-12.	2.5	12
9	3D Biointerfaces: Electron Microscopy for 3D Scaffoldsâ€"Cell Biointerface Characterization (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlo	3.0	1
10	BMP-2 functionalized PEDOT:PSS-based OECTs for stem cell osteogenic differentiation monitoring. Flexible and Printed Electronics, 2019, 4, 044006.	2.7	11
11	A nanomesh that syncs with the heart. Nature Nanotechnology, 2019, 14, 104-105.	31.5	0
12	Electron Microscopy for 3D Scaffoldsâ€"Cell Biointerface Characterization. Advanced Biology, 2019, 3, e1800103.	3.0	21
13	Controlling the electrochromic properties of conductive polymers using UV-light. Journal of Materials Chemistry C, 2018, 6, 4663-4670.	5.5	36
14	Transistor in a tube: A route to three-dimensional bioelectronics. Science Advances, 2018, 4, eaat4253.	10.3	78
15	Conducting Polymer Scaffolds Based on Poly(3,4-ethylenedioxythiophene) and Xanthan Gum for Live-Cell Monitoring. ACS Omega, 2018, 3, 7424-7431.	3.5	55
16	Aligned Nanofiber Topographies Enhance the Differentiation of Adult Renal Stem Cells into Glomerular Podocytes. Advanced Engineering Materials, 2018, 20, 1800003.	3.5	5
17	Conducting Polymer Scaffolds for Hosting and Monitoring 3D Cell Culture. Advanced Biology, 2017, 1, 1700052.	3.0	89
18	A (bio) materials approach to three-dimensional cell biology. MRS Communications, 2017, 7, 287-288.	1.8	5

#	Article	IF	Citations
19	Development and Characterization of Organic Electronic Scaffolds for Bone Tissue Engineering. Advanced Healthcare Materials, 2016, 5, 1505-1512.	7.6	39
20	Influence of ZnO seed layer precursor molar ratio on the density of interface defects in low temperature aqueous chemically synthesized ZnO nanorods/GaN light-emitting diodes. Journal of Applied Physics, 2016, 119, .	2.5	30
21	Patterning and Conductivity Modulation of Conductive Polymers by UV Light Exposure. Advanced Functional Materials, 2016, 26, 6950-6960.	14.9	31
22	PC12 neuron-like cell response to electrospun poly(â€‰3-hydroxybutyrate) substrates. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 151-161.	2.7	30
23	Organic Nanofibers Embedding Stimuli-Responsive Threaded Molecular Components. Journal of the American Chemical Society, 2014, 136, 14245-14254.	13.7	42
24	Proliferation and skeletal myotube formation capability of C2C12 and H9c2 cells on isotropic and anisotropic electrospun nanofibrous PHB scaffolds. Biomedical Materials (Bristol), 2012, 7, 035010.	3.3	84
25	Nanostructured, highly aligned poly(hydroxy butyrate) electrospun fibers for differentiation of skeletal and cardiac muscle cells. , 2011, 2011, 3597-600.		2
26	Enzyme Production by Solid Substrate Fermentation of Pleurotus ostreatus and Trametes versicolor on Tomato Pomace. Applied Biochemistry and Biotechnology, 2011, 163, 40-51.	2.9	53
27	Fungal solid state fermentation on agro-industrial wastes for acid wastewater decolorization in a continuous flow packed-bed bioreactor. Bioresource Technology, 2011, 102, 7603-7607.	9.6	20