

Francoise Marga

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,432
citations

567144

15
h-index

996849

15
g-index

17
all docs

17
docs citations

17
times ranked

3205
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue engineering by self-assembly and bio-printing of living cells. <i>Biofabrication</i> , 2010, 2, 022001.	3.7	492
2	Tissue Engineering by Self-Assembly of Cells Printed into Topologically Defined Structures. <i>Tissue Engineering - Part A</i> , 2008, 14, 413-421.	1.6	337
3	Toward engineering functional organ modules by additive manufacturing. <i>Biofabrication</i> , 2012, 4, 022001.	3.7	282
4	Tissue Engineering by Self-Assembly of Cells Printed into Topologically Defined Structures. <i>Tissue Engineering</i> , 0, , 110306233438005.	4.9	200
5	Multiple Membrane Tethers Probed by Atomic Force Microscopy. <i>Biophysical Journal</i> , 2005, 89, 4320-4329.	0.2	182
6	The effect of cellular cholesterol on membrane-cytoskeleton adhesion. <i>Journal of Cell Science</i> , 2007, 120, 2223-2231.	1.2	170
7	Disorganization of Cortical Microtubules Stimulates Tangential Expansion and Reduces the Uniformity of Cellulose Microfibril Alignment among Cells in the Root of Arabidopsis. <i>Plant Physiology</i> , 2004, 135, 2279-2290.	2.3	155
8	Cell wall extension results in the coordinate separation of parallel microfibrils: evidence from scanning electron microscopy and atomic force microscopy. <i>Plant Journal</i> , 2005, 43, 181-190.	2.8	151
9	The Interplay of Cell-Cell and Cell-Matrix Interactions in the Invasive Properties of Brain Tumors. <i>Biophysical Journal</i> , 2006, 91, 2708-2716.	0.2	110
10	Developmental biology and tissue engineering. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2007, 81, 320-328.	3.6	94
11	Relating cell and tissue mechanics: Implications and applications. <i>Developmental Dynamics</i> , 2008, 237, 2438-2449.	0.8	72
12	Microenvironmental Regulation of Ovarian Cancer Metastasis. <i>Cancer Treatment and Research</i> , 2009, 149, 319-334.	0.2	46
13	Eukaryotic membrane tethers revisited using magnetic tweezers. <i>Physical Biology</i> , 2007, 4, 67-78.	0.8	44
14	Relating Biophysical Properties Across Scales. <i>Current Topics in Developmental Biology</i> , 2008, 81, 461-483.	1.0	38
15	Biochemical analysis of elastic and rigid cuticles of <i>Cirsium horridulum</i> . <i>Planta</i> , 2001, 213, 841-848.	1.6	37
16	Cell wall components affect mechanical properties: studies with thistle flowers. <i>Plant Physiology and Biochemistry</i> , 2003, 41, 792-797.	2.8	19
17	Bioprinting of Nerve. , 2015, , 379-394.		3