

Fabien Guillemot

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,790
citations

623734

14
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

2897
citing authors

#	ARTICLE	IF	CITATIONS
1	From local to global matrix organization by fibroblasts: a 4D laser-assisted bioprinting approach. <i>Biofabrication</i> , 2022, 14, 025006.	7.1	14
2	In situ printing of mesenchymal stromal cells, by laser-assisted bioprinting, for in vivo bone regeneration applications. <i>Scientific Reports</i> , 2017, 7, 1778.	3.3	307
3	Creation of Highly Defined Mesenchymal Stem Cell Patterns in Three Dimensions by Laser-Assisted Bioprinting. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2015, 6, .	0.8	20
4	In Vivo and In Situ Biofabrication by Laser-Assisted Bioprinting. , 2015, , 81-87.		6
5	Cell Patterning by Laser-Assisted Bioprinting. <i>Methods in Cell Biology</i> , 2014, 119, 159-174.	1.1	62
6	Controlling laser-induced jet formation for bioprinting mesenchymal stem cells with high viability and high resolution. <i>Biofabrication</i> , 2014, 6, 045001.	7.1	113
7	Laser-Assisted Bioprinting for Tissue Engineering. , 2013, , 95-118.		21
8	Laser Assisted Bio-printing (LAB) of Cells and Bio-materials Based on Laser Induced Forward Transfer (LIFT). <i>Biological and Medical Physics Series</i> , 2013, , 193-209.	0.4	9
9	Layer-by-Layer Tissue Microfabrication Supports Cell Proliferation <i>In Vitro</i> and <i>In Vivo</i> . <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 62-70.	2.1	98
10	Laser-assisted bioprinting for creating on-demand patterns of human osteoprogenitor cells and nano-hydroxyapatite. <i>Biofabrication</i> , 2011, 3, 025001.	7.1	192
11	Cell patterning technologies for organotypic tissue fabrication. <i>Trends in Biotechnology</i> , 2011, 29, 183-190.	9.3	374
12	Effect of laser energy, substrate film thickness and bioink viscosity on viability of endothelial cells printed by Laser-Assisted Bioprinting. <i>Applied Surface Science</i> , 2011, 257, 5142-5147.	6.1	111
13	Laser-assisted bioprinting to deal with tissue complexity in regenerative medicine. <i>MRS Bulletin</i> , 2011, 36, 1015-1019.	3.5	54
14	Laser assisted bioprinting of engineered tissue with high cell density and microscale organization. <i>Biomaterials</i> , 2010, 31, 7250-7256.	11.4	686
15	<i>In vivo</i> bioprinting for computer- and robotic-assisted medical intervention: preliminary study in mice. <i>Biofabrication</i> , 2010, 2, 014101.	7.1	244
16	Laser-assisted cell printing: principle, physical parameters versus cell fate and perspectives in tissue engineering. <i>Nanomedicine</i> , 2010, 5, 507-515.	3.3	211
17	Recent advances in the design of titanium alloys for orthopedic applications. <i>Expert Review of Medical Devices</i> , 2005, 2, 741-748.	2.8	94