

Karoly Jakab

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11809031/publications.pdf>

Version: 2024-02-01

13
papers

2,182
citations

840585

11
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

2355
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward engineering functional organ modules by additive manufacturing. <i>Biofabrication</i> , 2012, 4, 022001.	3.7	282
2	Computational Modeling of Tissue Self-Assembly. , 2012, , 251-272.		6
3	Tissue engineering by self-assembly and bio-printing of living cells. <i>Biofabrication</i> , 2010, 2, 022001.	3.7	492
4	Relating cell and tissue mechanics: Implications and applications. <i>Developmental Dynamics</i> , 2008, 237, 2438-2449.	0.8	72
5	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
6	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
7	COMPUTATIONAL MODELING OF TISSUE SELF-ASSEMBLY. <i>Modern Physics Letters B</i> , 2006, 20, 1217-1231.	1.0	37
8	Three-dimensional tissue constructs built by bioprinting. <i>Biorheology</i> , 2006, 43, 509-13.	1.2	80
9	Role of Physical Mechanisms in Biological Self-Organization. <i>Physical Review Letters</i> , 2005, 95, 178104.	2.9	69
10	Engineering biological structures of prescribed shape using self-assembling multicellular systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2864-2869.	3.3	344
11	Organ printing: fiction or science. <i>Biorheology</i> , 2004, 41, 371-5.	1.2	41
12	Magnetic tweezers for intracellular applications. <i>Review of Scientific Instruments</i> , 2003, 74, 4158-4163.	0.6	112
13	Tissue Engineering by Self-Assembly of Cells Printed into Topologically Defined Structures. <i>Tissue Engineering</i> , 0, , 110306233438005.	4.9	200