Karoly Jakab

List of Publications by Year
in descending order

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

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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	Tissue engineering by self-assembly and bio-printing of living cells. Biofabrication, 2010, 2, 022001.	3.7	492
2	Engineering biological structures of prescribed shape using self-assembling multicellular systems. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2864-2869.	3.3	344
3	Tissue Engineering by Self-Assembly of Cells Printed into Topologically Defined Structures. Tissue Engineering - Part A, 2008, 14, 413-421.	1.6	337
4	Toward engineering functional organ modules by additive manufacturing. Biofabrication, 2012, 4, 022001.	3.7	282
5	Tissue Engineering by Self-Assembly of Cells Printed into Topologically Defined Structures. Tissue Engineering, 0, , 110306233438005.	4.9	200
6	Magnetic tweezers for intracellular applications. Review of Scientific Instruments, 2003, 74, 4158-4163.	0.6	112
7	The Interplay of Cell-Cell and Cell-Matrix Interactions in the Invasive Properties of Brain Tumors. Biophysical Journal, 2006, 91, 2708-2716.	0.2	110
8	Three-dimensional tissue constructs built by bioprinting. Biorheology, 2006, 43, 509-13.	1.2	80
9	Relating cell and tissue mechanics: Implications and applications. Developmental Dynamics, 2008, 237, 2438-2449.	0.8	72
10	Role of Physical Mechanisms in Biological Self-Organization. Physical Review Letters, 2005, 95, 178104.	2.9	69
11	Organ printing: fiction or science. Biorheology, 2004, 41, 371-5.	1.2	41
12	COMPUTATIONAL MODELING OF TISSUE SELF-ASSEMBLY. Modern Physics Letters B, 2006, 20, 1217-1231.	1.0	37
13	Computational Modeling of Tissue Self-Assembly. , 2012, , 251-272.		6